



HunterDouglasContract

WINDOW COVERINGS

HunterDouglasContract

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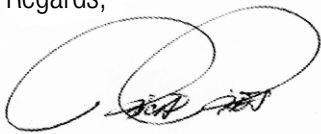
Hunter Douglas is pleased to introduce its new window coverings binder for the architectural market. The binder contains complete information on our latest products, with detailed brochures, model selectors, and specification sheets. We also invite you to visit our website, **www.hunterdouglascontract.com**, which has additional product data and an online portfolio showing hundreds of reference projects.

As the world leader in window coverings, Hunter Douglas offers the most complete range of innovative and functional window coverings for commercial/contract applications. Our solutions include styles, colors, and customization options for any setting. From offices, to schools, to healthcare facilities, and beyond, Hunter Douglas window coverings deliver optimal light control, privacy, energy efficiency, and UV protection.

Architects and designers from around the world have taken advantage of our unmatched product development, customer support, and service. Hunter Douglas' technical and sales teams look forward to assisting you on current and future projects. Please refer to the list below for a contact in your area.

Thank you for your continuing support of Hunter Douglas.

Regards,



Rich Ries
Window Coverings Business Unit Manager
Hunter Douglas Contract

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HunterDouglasContract

WINDOW COVERINGS

Innovation is not about being content with what is available. It is about envisioning what comes next. Since our creation of the aluminum blind, **Hunter Douglas** has defined the industry with their breakthrough style and functionality. As the world leader in window coverings, Hunter Douglas has introduced many of the most innovative and successful products in the market today, including roller shades with GreenScreen® PVC-free fabrics and our exclusive Silhouette® FR Window Shadings. Our focus on customization allows you to explore new directions of design. We are constantly finding new ways to manage light, provide privacy, and create unique looks for the window. We do not just manufacture window coverings. We invent them.

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Inside cover: EPA Region 8 Headquarters, Denver, CO
Architect: Zimmer Gunsul Frasca Architects LLP/Opus A&E, Inc.
Product: H200 Aluminum Horizontal Blinds and Vertical Blinds

Front cover: Hesse Noord Natie Office, Antwerp, Belgium
Architect: Conix Architecten
Product: Roller Shades

Window Coverings



Hunter Douglas Contract Window Coverings offer a solution for every need. Choose from a wide selection of products, styles, colors, and options for light control, privacy, energy efficiency, and UV protection.

Our products are designed to improve indoor environmental quality and conserve energy, supporting built environments that are comfortable, healthy, productive, and sustainable. The overall well-being of a building's occupants and their productivity contributes to the cost benefit of sustainable design.

Shading Strategy

Our products are constructed to minimize environmental impact while meeting the highest standards for commercial, industrial, institutional, and commercial applications.

A DAYLIGHTING

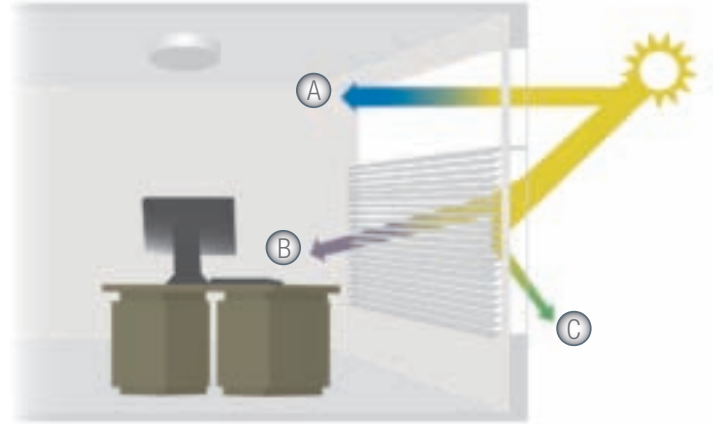
Window coverings manage and optimize natural daylight, helping reduce dependence on artificial lighting.

B GLARE CONTROL

Window coverings allow you to control how much sunlight falls into a workspace, to eliminate glare and reflections.

C MANAGEMENT OF THERMAL GAIN

Window coverings manage heat generated by the sun: when it is hot, they can be closed to minimize solar heat gain; when cold, they can be raised to allow solar heating.



AESTHETICS

Window coverings ensure privacy and can provide a consistent look from the exterior of a building.

INDOOR AIR QUALITY

Poor air quality is a common source of employee complaints. Many of our products are certified for low emissions by the GREENGUARD Environmental Institute and pass both the standard emissions and the stricter requirements for GREENGUARD Children and SchoolsSM.

Energy Conservation Comparison Chart

Over 75% of unwanted heat transfer takes place through windows, making energy-efficient window coverings essential for year-round savings.

Product	WINTER R-VALUE		SUMMER SHADING COEFFICIENT		%UV Blockage	Sound Absorption
	Single Glazing	Double Glazing	Single Glazing	Double Glazing		
FR Roller Shades	N/A	2.08	N/A	.33	99	.60
FR Aluminum Horizontal Blinds	1.25	2.32	.49	.43	99	.04
Duette® FR Honeycomb Shades ⅜"	2.04	2.94	.46	.43	95	.60
Duette® FR Honeycomb Shades ¾"	1.60	2.60	.55	.43	99	.05
Country Woods®	N/A	3.94	.29	.29	99	.05
Chalet Woods®	N/A	3.94	.30	.30	N/A	.05
Everwood®	N/A	3.94	N/A	.31	99	.04
Silhouette® FR Window Shadings	1.30	2.40	.56	.35	96	.30
Vertical Aluminum Blinds	1.43	2.40	.31	.29	99	.10
Vertical PVC Blinds	1.5	2.52	.25	.23	98	.10
Vignette® FR Modern Roman Shades	N/A	4.53	.28	.28	98	.30
FR Woven Woods Shades	N/A	4.33	.33	.48	86	.35
FR Pleated Shades	1.39	2.32	.57	.49	95	.40
Skyline™ FR Gliding Window Panels	N/A	3.88	.28	.37	99	.05



We designed our Motorized Roller Shading Systems to provide exceptional performance in the complete range of commercial applications, from single rooms, offices, and A/V spaces to building-wide automation. Offering powerful, quiet operation, our motorized shades bring the ease of use and reliability you expect from Hunter Douglas Contract. A versatile approach to controls allows our shades to integrate with any other automated and/or building management systems, making them ideal for both new construction and retrofits.

QUIET OPERATION

Our motors are tested to operate at sound levels equivalent to office conversation.

POWER

Hunter Douglas Contract standard motors can operate shades up to 240" wide and 144" in height. Solutions for larger shades are also available.

VERSATILITY

We designed our motors with best-in-class control boards that integrate with a wide range of other systems via dry contact, serial, or other protocols.

CONVENIENCE

Motorized shades are easy to operate. Open or close one or more shades with the touch of a switch – or the click of a mouse.

AUTOMATION

Research shows that automated sun-tracking shades enable energy savings from lighting and HVAC systems by maximizing control of glare and solar heat gain.

OVERSIZE SHADES

Motorized systems are a good option for shading large windows, as the weight of an oversized shade can make it hard to operate.

Operating Systems



Whisper Motors™ HDC 100

Operates roller shades up to 156" wide.
Maximum roll up diameter 4.5".
Available in standard (S), smart (Q), and
Z-Wave (Z).



Whisper Motors™ HDC 200

Operates roller shades up to 240" wide.
Maximum roll up diameter 4.5".
Available in standard (S), smart (Q), and
Z-Wave (Z).



Whisper Motors™ Control Options

Intermediate stops, group control up
to hundreds of shades, scene control,
control by timer, sun-tracking, coupled
shades.

Motorization Options

Versatile range of motors and controls for the following products:

- FR Aluminum Horizontal Blinds
- Duette® FR Honeycomb Shades
- FR Alternative Wood Blinds
- Wood Blinds and Alternative Wood Blinds
- Silhouette® FR Window Shadings
- FR Vertical Blinds
- Vignette® FR Modern Roman Shades
- FR Woven Woods Shades
- FR Pleated Shades
- Skyline™ FR Gliding Window Panels



FR Roller Shades



Our FR Roller Shades provide an excellent solution for controlling light and glare. Simple, versatile, distinctive, and cost-effective, this line includes a wide range of decorative and performance fabrics, mounted on high-quality hardware.

WIDEST RANGE OF FABRICS

Over 200 FR fabrics with choices for color, openness, and design to meet any specification.

SUPERIOR LIGHT CONTROL

Fabric options and operating systems offer solutions from light filtering to complete blackout. Our dual shade system allows both blackout and light-filtering shades at the same window.

RELIABLE HARDWARE

Manual and motorized hardware systems engineered to meet high standards for performance and reliability.

QUIET MOTORIZATION

Whisper Motors™ operate shades at sound levels equivalent to office conversation.

EASY INSTALLATION

Require little mounting space, with universal brackets.

AESTHETICS

Nearly invisible when raised, shades feature a variety of fascia and valance options. Clutch operating system allows precise control to help ensure a uniform look.

SUSTAINABLE CONSTRUCTION

Most of our PVC-free and standard shading fabrics are certified for low emissions by the GREENGUARD Environmental Institute and passes the stricter requirements of GREENGUARD Children and SchoolsSM.

SPECIALTY APPLICATIONS

Ability to provide roller shades in large expanses. Custom logo printing options available.

LIFETIME GUARANTEE

Operating Systems

Manual Clutch Operating System

Stainless-steel chain hangs at the side, leaving the view unobstructed. Up and down stops prevent shades from being raised or lowered too far.

Motorization

Versatile range of motors and controls to maximize shading benefits, with automation that responds to changing sun conditions throughout the day.

Dual Shade

Add versatility to any space by allowing two different styles of fabrics to be used on the same window (one in front of the other).

Coupled Shade

Two or more separate tube assemblies joined together by the use of mechanical couplers and operated by one drive mechanism. All shades operate in tandem.

FR Fabrics

Dark Colors	Optimize exterior views, filter glare & UV
Light Colors	Screen exterior views, manage thermal gain
Dual Colors	Reflective outward-facing surfaces reduce thermal gain, optimize exterior views
Blackout (0% openness)	Block all light, ideal for A/V, conference, and patient rooms
Open weave (1%-14%)	Filter sunlight, preserve exterior views

Options

Fascia	Conceals shade, merging the shading system with the surrounding room. Available in 3", 4", or 7" standard sizes
Blockout	Aluminum side and bottom channels, fitted with light-blocking wool pile prevent light leakage around edges and bottom of shade. Ideal for room-darkening and A/V applications
Pocket	Integrates shading into the ceiling plane. Prefabricated surface and ceiling pockets available, with tile support to seam with the ceiling grid
Additional	Color-coordinated trims, 4 clutch sizes, banded shades, reverse roll, top and bottom covers, sealed pocket hem bar, extruded pockets



Shade sizes vary based on fabric selection and hardware system. See Specifications section in the binder, or visit our website for a complete list of product specifications.

FR Aluminum Horizontal Blinds



Our Aluminum Horizontal Blinds offer best-in-class durability, excellent value, reliable performance, and a wide range of options for commercial and contract applications.

INNOVATIVE DURABILITY

Bounceback slats with heat-treated, spring-tempered aluminum for best-in-class durability.

RELIABLE HARDWARE

Durable operating systems and slats ensure consistent performance.

SUPERIOR LIGHT CONTROL

A range of tape spacings, perforated slats, and our de-Light™ feature allow you to specify any level of light control.

SUSTAINABLE CONSTRUCTION

Slats contain 95% recycled aluminum and are certified for low emissions by the GREENGUARD Environmental Institute and passes the stricter requirements of GREENGUARD Children and SchoolsSM.

ENERGY EFFICIENCY

Tilted blinds diminish dependence on artificial lighting, allowing light to reflect deeper into a space. Thermostop® coatings reduce heat transfer by 30%, contributing to significant energy savings.

UNMATCHED CUSTOMIZATION

Variety of aesthetic and performance options for any application.

LOW MAINTENANCE

Proprietary anti-static Dust Shield® finish and closed oval bottom rail inhibit dust buildup.

VERSATILE MOTORIZATION

Range of motorization and control options to maximize shading benefits.

COLORS AND FINISHES

Durable aluminum alloy slats are available in a wide selection of colors.

PRODUCT DETAILS

Standard features include box brackets, crash-proof cord lock, closed oval bottom rail, cord stop to single pull cord, and slip clutch tilters.

LIFETIME GUARANTEE



Model Selection

Aluminum horizontal blinds can be selected based on headrail dimensions, slat gauge, and tape spacing for individual projects.



Headrail

Headrail styles differ based on functionality and aesthetics – from the decorative beveled CD, to the industry-standard CL, heavy-duty CE and sturdy H2.



Slat Gauge

Heat-treated, spring-tempered aluminum slats are available in heavy-duty .008" gauge and industry standard .006" gauge.



Tape Spacing

Tape spacing options offer various levels of light control and view through.

Model Selector

MODEL	SLAT SIZE	TAPE SPACING
CD 1" 1 3/8" x 1 3/8" Decorative Beveled Headrail		
CD60	1" x .006"	20mm
CD62	1" x .006"	22mm
CD80	1" x .008"	20mm
CD82	1" x .008"	22mm
CD88	1" x .008"	18mm de-Light™
CL 1" 1" x 1" Industry Standard Headrail		
CL62	1" x .006"	22mm
CL82	1" x .008"	22mm
CHM82	5/8" x .008"	12mm
CX80	1" x .008"	20mm
CE 1" 1" x 1 1/2" Heavy Duty Headrail		
CE60	1" x .006"	20mm
CE61	1" x .006"	22mm
CE80	1" x .008"	20mm
CE81	1" x .008"	22mm
H2 2" 1 1/2" x 2 1/4" Sturdy Headrail		
H200	2" x .008"	42mm Standard
H282	2" x .008"	42mm de-Light™
H2TN	2" x .008"	42mm School Blind



Model CD 1"



Superb design, excellent value, and resilient construction make CD blinds an ideal choice for many architects, specifiers, and designers. The attractive design of the CD beveled steel headrail eliminates the need for a separate valance.

MODEL	SLAT SIZE	TAPE SPACING
CD60 1"	.006"	20 mm
CD62 1"	.006"	22 mm
CD80 1"	.008"	20 mm
CD82 1"	.008"	22 mm
CD88 1"	.008"	18 mm de-Light™ feature

CSI Specifications

PART 2 – PRODUCTS

2.01 ACCEPTABLE MANUFACTURER

A. Hunter Douglas Contract/ 12250 Parkway Centre Dr. / Poway, CA 92064/ Phone: 800-727-8953 Fax: 800-205-9819/ Website: www.hunterdouglascontract.com, or architect approved equivalent.

B. Product substitutions must be approved by architect minimum of 30 days prior to close of bid.

2.02 1" MINI HORIZONTAL ALUMINUM BLINDS

A. PRODUCT: Hunter Douglas "CD 1" FR Aluminum Blind"

B. MATERIALS:

1. SLATS: 1" wide x .006" thick (CD60 & CD62), .008" thick (CD80, CD82, CD88), heat-treated and spring tempered (except 5000 series alloy on metallized finishes) aluminum alloy 6011 with eased corners and manufacturing burrs removed. Product to have a minimum of 95% pre-consumer recycled content. Furnish not less than nominal 15.2 slats per foot (CD60 & CD80) 13.8 slats per foot (CD62 & CD82), 16.7 slats per foot (CD88) to ensure tight closure and light control. Finish with manufacturer's standard baked-on finish in colors selected by architect from manufacturer's available contract colors utilizing Dust Shield™ finish to inhibit dust build-up for easier maintenance.

2. SLAT SUPPORT: Braided ladders of 100% polyester yarn color compatible with slats and spacing of ladder no more than 20mm (CD60 & CD80), 22mm (CD62 & CD82), 18mm (CD88).

3. HEADRAIL: U-shaped profile with rolled edges, measuring 1 3/8" x 1 3/8" x .024" constructed of corrosion resistant steel and providing a sleek beveled edge valance-free design. Internally fit with components required for specified performance and designed for smooth, quiet, trouble-free operation. Headrail finish to be standard baked-on polyester and to match slats. Ends fitted with .024" steel end lock with adjustable tab for centering blinds.

4. BOTTOM RAIL: Steel, with corrosion-resistant finish formed with double-lock seam into closed oval shape for optimum beam and torsional strength. Ends fitted with color-coordinated engineered polymer caps. Color-coordinated engineered polymer tape buttons secure the ladder and cord. Bottom rail finish to be standard baked-on polyester color-coordinated to slats.

5. LIFTING MECHANISM: Crash-proof steel cordlocks with corrosion-resistant finish, two-ply polyester cord filler in braided polyester jacket lift cords, cord equalizers, cordlock adapter, and cord stop/single pull cord. Located on either side of individual blind unit as per architect's request.

6. TILTING MECHANISM: Permanently lubricated die-cast worm and gear type tilter gear mechanism in fully enclosed housing with clutch action to protect ladder tapes from over rotation of the solid steel, corrosion resistant tilt rod.

7. TILT CONTROL WAND: Tubular shaped 7/16" diameter extruded clear plastic, ribbed for positive grip and detachable without tools. Located on either side of individual blind unit as per architect's request.

8. MOUNTING HARDWARE: Manufacturer's standard .042" steel box brackets with baked-on polyester finish to match headrail with additional support brackets for blinds over 60" wide.

9. ADDITIONAL AVAILABLE OPTIONS: Limited Tilt, Ring Pulls, Color Striping, 2 or 3 Blinds on 1 Headrail, Hidden Brackets, Side Channels (limited colors available), Hold Down Brackets, Cutouts, Perforated Slat (.008" only).

2.03 FABRICATION

A. Blind measurements shall be accurate to within $\pm 1/8$ " or as recommended in writing by manufacturer.

Model CL 1"



A proven performer for contract and commercial applications, the CL Aluminum Blind is often specified as the industry standard. The sturdy 1" x 1" x .024" headrail accommodates narrow mounting depths.

MODEL	SLAT SIZE	TAPE SPACING
CL62 1"	.006"	20 mm
CL82 1"	.008"	22 mm
CHM82 5/8"	.008"	12 mm
CX80 1"	.008"	20 mm

CSI Specifications

PART 2 – PRODUCTS

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B. Product substitutions must be approved by architect minimum of 30 days prior to close of bid.

2.02 1" MINI HORIZONTAL ALUMINUM BLINDS

A. PRODUCT: Hunter Douglas "CL 1" FR Aluminum Blind"

B. MATERIALS:

- SLATS:** 1" wide x .006" thick (CL62), .008" thick (CL82, CX8, & CHM82), heat-treated and spring tempered (except 5000 series alloy on metallized finishes) aluminum alloy 6011 with eased corners and manufacturing burrs removed. Product to have a minimum of 95% pre-consumer recycled content. Furnish not less than nominal 13.8 slats per foot (CL62 & CL82), 15.2 slats per foot (CX80), 25 slats per foot (CHM82) to ensure tight closure and light control. Finish with manufacturer's standard baked-on finish in colors selected by architect from manufacturer's available contract colors utilizing Dust Shield™ finish to inhibit dust build-up for easier maintenance.
- SLAT SUPPORT:** Braided ladders of 100% polyester yarn color compatible with slats and spacing of ladder no more than 20mm (CX80), 22mm (CL62 & CL82), 12mm (CHM82).
- HEADRAIL:** U-shaped profile with rolled edges, measuring 1" x 1" x .024" constructed of corrosion resistant steel. Internally fit with components required for specified performance and designed for smooth, quiet, trouble-free operation. Headrail finish to be standard baked-on polyester and to match slats. Ends fitted with .024" steel end lock with adjustable tab for centering blinds.
- BOTTOM RAIL:** Steel, with corrosion-resistant finish formed with double-lock

seam into closed oval shape for optimum beam and torsional strength. Ends fitted with color-coordinated engineered polymer caps. Color-coordinated engineered polymer tape buttons secure the ladder and cord. Bottom rail finish to be standard baked-on polyester color-coordinated to slats.

- LIFTING MECHANISM:** Crash-proof cordlock in engineering polymer housing with nickel-plate die-cast bearing surface and brass locking clips, two-ply polyester cord filler in braided polyester jacket lift cords, cord equalizers, cordlock adapter, and cord stop/single pull cord. Located on either side of individual blind unit as per architect's request.
- TILTING MECHANISM:** Permanently lubricated die-cast worm and gear type tilter gear mechanism in fully enclosed housing with clutch action to protect ladder tapes from over rotation of the solid steel, corrosion resistant tilt rod.
- TILT CONTROL WAND:** Tubular construction 9/32" diameter extruded clear acrylic hexagonal, and detachable without tools. Located on either side of individual blind unit as per architect's request.
- MOUNTING HARDWARE:** Manufacturer's standard .040" steel box brackets with baked-on polyester finish to match headrail with additional support brackets for blinds over 60" wide.
- ADDITIONAL AVAILABLE OPTIONS:** Limited Tilt, Ring Pulls, Pivot Plates, Pocket Brackets, Two-Position Cord Lock, Color Striping, 2 or 3 Blinds on 1 Headrail, Valance, Side Channels (limited colors available), Hold Down Brackets, Cutouts, Perforated Slat (.008" only).

2.03 FABRICATION

- A.** Blind measurements shall be accurate to within $\pm 1/8"$ or as recommended in writing by manufacturer.

Model CE 1"



Ideal for larger installations, our CE Aluminum Blinds feature our sturdiest headrail for 1" blinds. The steel headrail measures 1" x 1 ½", offering extra durability for openings up to 144" x 144". This blind's distinctive look and solid hardware ensure years of reliable service without sacrificing aesthetics.

MODEL	SLAT SIZE	TAPE SPACING
CE60 1"	.006"	20 mm
CE61 1"	.006"	22 mm
CE80 1"	.008"	20 mm
CE81 1"	.008"	22 mm

CSI Specifications

PART 2 – PRODUCTS

2.01 ACCEPTABLE MANUFACTURER

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B. Product substitutions must be approved by architect minimum of 30 days prior to close of bid.

2.02 1" MINI HORIZONTAL ALUMINUM BLINDS

A. PRODUCT: Hunter Douglas "CE 1" FR Aluminum Blind"

B. MATERIALS:

1. SLATS: 1" wide x .006" thick (CE60 & CE61), .008" thick (CE80 & CE81), heat-treated and spring tempered (except 5000 series alloy on metallized finishes) aluminum alloy 6011 with eased corners and manufacturing burrs removed. Product to have a minimum of 95% pre-consumer recycled content. Furnish not less than nominal 13.8 slats per foot (models CE61 & CE81), 15.2 slats per foot (CE60 & CE80) to ensure tight closure and light control. Finish with manufacturer's standard baked-on finish in colors selected by architect from manufacturer's available contract colors utilizing Dust Shield™ finish to inhibit dust build-up for easier maintenance.

2. SLAT SUPPORT: Braided ladders of 100% polyester yarn color compatible with slats and spacing of ladder no more than 20mm (CE60 & CE80), 22mm (CE61 & CE81).

3. HEADRAIL: U-shaped profile with rolled edges, measuring 1 ⅜" x 1 ⅜" x .024" constructed of corrosion resistant steel and providing a sleek beveled edge valance-free design. Internally fit with components required for specified performance and designed for smooth, quiet, trouble-free operation. Headrail finish to be standard baked-on polyester and to match slats. Ends fitted with .024" steel end lock with adjustable tab for centering blinds.

4. BOTTOM RAIL: Steel, with corrosion-resistant finish formed with double-lock seam into closed oval shape for optimum beam and torsional strength. Ends fitted with color-coordinated engineered polymer caps. Color-coordinated engineered polymer tape buttons secure the ladder and cord. Bottom rail finish to be standard baked-on polyester color-coordinated to slats.

5. LIFTING MECHANISM: Crash-proof steel cordlocks with corrosion-resistant finish, two-ply polyester cord filler in braided polyester jacket lift cords, cord equalizers, cordlock adapter, and cord stop/single pull cord. Located on either side of individual blind unit as per architect's request.

6. TILTING MECHANISM: Permanently lubricated die-cast worm and gear type tilter gear mechanism in fully enclosed housing with clutch action to protect ladder tapes from over rotation of the solid steel, corrosion resistant tilt rod.

7. TILT CONTROL WAND: Tubular shaped 7/16" diameter extruded clear plastic, ribbed for positive grip and detachable without tools. Located on either side of individual blind unit as per architect's request.

8. MOUNTING HARDWARE: Manufacturer's standard .042" steel box brackets with baked-on polyester finish to match headrail with additional support brackets for blinds over 60" wide.

9. ADDITIONAL AVAILABLE OPTIONS: Limited Tilt, Ring Pulls, Color Striping, 2 or 3 Blinds on 1 Headrail, Hidden Brackets, Side Channels (limited colors available), Hold Down Brackets, Cutouts.

2.03 FABRICATION

A. Blind measurements shall be accurate to within ± 1/8" or as recommended in writing by manufacturer.

Model H2 2"



The H2TN (School Blind) is optimized for the design and durability requirements of academic institutions, with sturdy vinyl tapes, 2.2mm cords, and cord tilt. The blind features heavy-duty slats of .008" aluminum and a low-profile steel headrail measuring 1 ½" x 2 ¼" x .024". For details on shading benefits in schools go to hunterdouglascontract.com/education.

MODEL	SLAT SIZE	TAPE SPACING
H200 2"	.008"	42 mm
H2TN 2"	.008"	42 mm
H282 2"	.008"	42 mm de-Light™ Feature

CSI Specifications

PART 2 – PRODUCTS

2.01 ACCEPTABLE MANUFACTURER

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B. Product substitutions must be approved by architect minimum of 30 days prior to close of bid.

2.02 2" HORIZONTAL ALUMINUM BLINDS

A. PRODUCT: Hunter Douglas "H2 2" FR Aluminum Blind"

B. MATERIALS:

- SLATS:** 2" wide x .008" thick, heat-treated and spring tempered (except 5000 series alloy on metallized finishes) aluminum alloy 6011 with eased corners and manufacturing burrs removed. Product to have a minimum of 95% pre-consumer recycled content. Furnish not less than nominal 7.2 slats per foot (H282) to ensure tight closure and light control. Finish with manufacturer's standard baked-on finish in colors selected by architect from manufacturer's available contract colors utilizing Dust Shield™ finish to inhibit dust build-up for easier maintenance.
- SLAT SUPPORT:** Braided ladders of 100% polyester yarn color compatible with slats and spacing of ladder no more than 42mm. H2TN School Blind vinyl tapes constructed of one-piece vinyl with 1 ½" wide twin or single-ladders and uniform spacing of 16 ladders to 26" of tape (42mm). Tapes and ladders exceed commercial specification No. 1029-86 and provide a maximum 34" distance between tapes.
- HEADRAIL:** U-shaped profile with rolled edges, measuring 1 1/2" x 2 1/4" x .024" constructed of corrosion resistant steel. Internally fit with components required for specified performance and designed for smooth, quiet, trouble-free operation. Headrail finish to be standard baked-on polyester and to match slats. Ends fitted with zinc coated steel end lock with adjustable tab for centering blinds on H2TN model. Other models have ends fitted with end lock cap.

- BOTTOM RAIL:** .019" steel, with corrosion-resistant finish formed with double-lock seam into closed oval shape for optimum beam and torsional strength. Ends fitted with color-coordinated engineered polymer caps. Color-coordinated engineered polymer tape buttons secure the ladder and cord. Bottom rail finish to be standard baked-on polyester color-coordinated to slats.
- LIFTING MECHANISM:** Crash-proof steel cordlocks with corrosion-resistant finish and steel locking dogs, polyester cord which meet or exceed commercial specifications No/ 1029-86 lift cords (H2TN), and cord stop/single pull cord. Located on either side of individual blind unit as per architect's request.
- TILTING MECHANISM:** Cord tilter consisting of zinc die-cast helical gear type driven by a worm in enclosed polymer housing, 2.2mm polyester cord, and solid steel corrosion resistant tilt rod (H2TN School Blind cord tilter consisting of zinc die-cast helical gear type driven by a worm in enclosed polymer housing, 2.2mm polyester cord, and solid steel corrosion resistant tilt rod)
- TILT CONTROL CORD:** Tubular shaped 7/16" diameter extruded clear plastic, ribbed for positive grip and detachable without tools (H2TN School Blind 2.2mm polyester cord). Located on either side of individual blind unit as per architect's request.
- MOUNTING HARDWARE:** Manufacturer's standard .030" steel box brackets with baked-on polyester finish to match headrail with additional support brackets for blinds over 84" wide.
- ADDITIONAL AVAILABLE OPTIONS:** Wand Tilt (H2TN), Ring Pulls, Valance, Hold Down Brackets, 2 or 3 Blinds on 1 Headrail, Cutouts.

2.03 FABRICATION

- A.** Measurements shall be accurate to within ± 1/8" or as recommended in writing by manufacturer.

Duette® FR Honeycomb Shades



In a wide variety of public spaces, Duette® FR Honeycomb Shades provide exceptional light control, stringent flame retardance and significant insulating and acoustical properties.

Benefits:

- Certified for low emissions by the GREENGUARD Environmental Institute and passes the stricter requirements of GREENGUARD Children and SchoolsSM.
- Energy efficient cellular design enhances R-value and shading coefficient, and provides 99% UV blocking.
- Durable headrail comprised of aluminum alloy accommodates shade widths to 174" and shade heights to 174".
- Lifetime Guarantee

CSI Specifications

PART 2 – PRODUCTS

2.01 ACCEPTABLE MANUFACTURER

- A.** Hunter Douglas Contract/ 12250 Parkway Centre Dr. / Poway, CA 92064/ Phone: 800-727-8953 Fax: 800-205-9819/ Website: www.hunterdouglascontract.com, or architect approved equivalent.
- B.** Product substitutions must be approved by architect minimum of 30 days prior to close of bid.

2.02 Hunter Douglas "Duette® FR Honeycomb Shades"

A. PRODUCT: Hunter Douglas Duette® FR Honeycomb Shades

B. MATERIALS:

- 1. FABRIC:** Permanent flame-resistant textured, non-woven polyester formed into opaque ¾" and ¾" semi-opaque or ¾" opaque hexagonal honeycomb cells in stacked tubular construction. Single cell construction; with each cell an independent piece of fabric with some fabrics containing a metallized polyester film core. Finish selected by architect from manufacturer's available contract colors.
- 2. HEAD/SILL RAIL:** Standard ¾" fabric type measuring 1.875" x .460" x .040" thick (¾" fabric type measuring 1.0625" x .447" x .040" thick), (EasyRise™ 2" x 1.875" x .050" thick headrail with sill rail measuring 1.875" x .460" x .469" thick) constructed of aluminum alloy 6063. Internally fit with components required for specified performance and designed for smooth, quiet, trouble-free operation. Finish to be standard polyester based paint and to coordinate with fabric. (EasyRise™ headrail white finish, bottom rail to coordinate with fabric.) Ends fitted

with polycarbonate end caps color-coordinated with fabric. (EasyRise™ headrail end caps white, bottom rail end caps in color and color-coordinated to sill rail.)

- 3. LIFTING MECHANISM:** Molded engineering plastic cordlock color-coordinated to fabric with stainless steel components providing durable and crash-proof operation. (EasyRise™ white engineered plastic rotary clutch mechanism provides ease of operation when continuous cord loop is activated and holds shade in place unless force is applied.) Color-coordinated braided polyester .035" lift cord and .086" tassel cord, tassel, and stop-ball. (EasyRise™ color-coordinated braided polyester .11" continuous cord loop provides uniform cord length with polycarbonate cord tensioner for additional safety. White nylon covered polyester 2.45mm wide x 0.17mm thick lift tape allows for easy operation of heavy shades.) Located on either side of individual shade unit as per architect's request.
- 4. MOUNTING HARDWARE:** Manufacturer's standard polycarbonate universal hidden brackets (EasyRise™ nylon coated zinc-plated 1040 steel HR steel), provide a sleek, unobtrusive appearance.
- 5. ADDITIONAL AVAILABLE OPTIONS:** Top-Down, Top-Down/Bottom-Up, 2 Blinds on 1 Headrail, Specialty Shapes, Skylight System, Hold Down Brackets, Motorization, (EasyRise™: Hold Down Brackets, Motorization.)

2.03 FABRICATION

- A.** Shade measurements shall be accurate to within ± 1/8" or as recommended in writing by manufacturer.

Operating Systems



Standard Cordlock

Standard cord operation.



EasyRise™

This continuous cord loop and clutch assembly makes operating large shades easy.



LiteRise®

A cordless system with a proprietary design allows you to raise and lower shades with the touch of a finger. No lift cords for a clean, uncluttered look and enhanced safety. Available in ¾" only.



Top-Down/Bottom-Up

Operate shades from the top down, the bottom up or in combination.



Motorization

Versatile range of motors and controls to maximize shading benefits.



Specialty Shapes

Options include: arches, angles, trapezoids, circles, hexagons, octagons, and skylights.

FR Fabrics

Fabrics

- Available in two soft, seamless, non-woven polyester fabrics
- Fabrics meet or exceed all requirements of NFPA 701 small scale flammability testing for commercial applications
- Block 99% of UV light rays to prevent fading
- Fabrics are neutral to the exterior, ensuring a consistent appearance from the outside

Opaque

- ¾" pleat
- Winter R-value = 5.74*
- Solar shading coefficient = 0.25

Semi-Opaque

- ¾" and ¾" pleat sizes
- ¾" Winter R-value = 5.16
- ¾" Solar shading coefficient = 0.36
- ¾" Winter R-value = 5.63
- ¾" Solar shading coefficient = 0.31

* R-value includes the 3.5 R-value added by a standard low-e double glazed window.

Additional Options

Inside mount, outside mount or end mount, spacer blocks, extension brackets, swivel brackets (inside mount only), end mount brackets, hold-down brackets, cut-outs (surcharge), cord length.



Shade sizes vary based on fabric selection and hardware system. See Specifications section in the binder, or visit our website for a complete list of product specifications.

Wood and Alternative Wood Blinds



Hunter Douglas FR Alternative Wood Blinds offer the look of luxurious hardwood blinds and are rated to pass the NFPA 701. For applications not requiring FR performance, our Country Woods® Wood Blinds, Chalet Woods® Wood Blinds, EverWood® Alternative Wood Blinds, and WoodMates® Alternative Wood Blinds offer a wide range of additional choices.

Benefits:

- Certified for low emissions by the GREENGUARD Environmental Institute and passes the stricter requirements of GREENGUARD Children and SchoolsSM (excluding FR Alternative wood blinds).
- Optional de-Light™ feature delivers privacy and daylight control.
- Variety of design options available, including valances and decorative tapes.
- Lifetime Guarantee

CSI Specifications

PART 2 – PRODUCTS

2.01 ACCEPTABLE MANUFACTURER

A. Hunter Douglas Contract/ 12250 Parkway Centre Dr. / Poway, CA 92064/ Phone: 800-727-8953 Fax: 800-205-9819/ Website: www.hunterdouglascontract.com, or architect approved equivalent.

B. Product substitutions must be approved by architect minimum of 30 days prior to close of bid.

2.02 WOOD AND ALTERNATIVE WOOD BLINDS

A. **PRODUCT:** Hunter Douglas 1" & 2" Country Woods®, 2" Chalet Woods®, 2" FR Alternative Wood, 2" Everwood® & Woodmates® Horizontal Blinds

B. MATERIALS:

1. **SLATS:** 2" wide x 1/8" thick cut from quality selected hardwood with slat ends stained or painted to match slat color. Alternative woods consist of a polymer and specially selected composite materials with consistent color throughout eliminating slat end touch-up. Furnish not less than nominal 7.2 slats per foot (13.9 slats Country Woods) to ensure tight closure and light control. Finish with manufacturer's standard stained, lacquered, painted finish, or standard colors selected by architect from manufacturer's available contract colors.
2. **SLAT SUPPORT:** Braided ladders of 100% polyester yarn color compatible with slats and spacing of ladder no more than 44mm. (21.5mm Country Woods) Optional non-FR cloth tapes constructed of high strength polyester-cotton blend webbing and spacing of no more than 44mm. Tapes spaced to comply with industry standards for size and weight of blind. (Not available with Country Woods)
3. **HEADRAIL:** U-shaped profile with rolled edges, measuring 1 1/2" x 2 1/4" x .024" (1" x 1 1/2" Country Woods 1") constructed of corrosion resistant steel and providing a sleek low profile design. Internally fit with components required for specified performance and designed for smooth, quiet, trouble-free operation. Headrail finish to be standard baked-on polyester and to coordinate with slats. Ends fitted with end lock cap.
4. **BOTTOM RAIL:** 1" (1" Country Woods) or 2" wide x 5/8" thick quality selected hardwood with ends stained or painted to match slats. Alternative wood consist of

a blend of polymer and specially selected composite materials rectangular in shape. Color-coordinated engineered polymer tape buttons secure the ladder and cord. Finish to be manufacturers standard colors or stained finish to match slats.

5. **LIFTING MECHANISM:** Engineering polymer and galvanized steel housing cordlocks with polymer roller bearing and steel locking dogs, two-ply polyester cord filler in braided polyester jacket lift cords meet or exceed commercial specification 1029.86, and fracture-resistant polymer cord-stop color-coordinated to slat. Located on either side of individual blind unit as per architect's request.
6. **TILTING MECHANISM:** Permanently lubricated and fully enclosed standard cord tilt holds and tilts slats at any angle. Solid steel, corrosion resistant tilt rod. Located on either side of individual blind unit as per architect's request.
7. **OPTIONAL TILT CONTROL WAND:** Rounded 3/8" diameter constructed of quality selected hardwood stained and lacquered or painted to match slats and detachable without tools. For Everwood & Woodmates it is PVC construction, color to match slats and detachable without tools. Located on either side of individual blind unit as per architect's request.
8. **MOUNTING HARDWARE:** Manufacturer's standard .030" steel box brackets with baked-on polyester finish to match headrail with additional support brackets for blinds over 48" wide.
9. **VALANCE:** Crafted of selected hardwoods, stained and lacquered or painted to match slats. Alternative wood consists of a blend of polymer and specially selected composite materials with finish to match slats.
10. **ADDITIONAL AVAILABLE OPTIONS:** Wood- 2 or 3 Blinds on 1 Headrail, Hold Down Brackets, Cutouts, (Country Woods 2"-Wand Tilt, Non-FR Cloth Tapes, de-Light™ Feature). Alternative Wood- 3 Blinds on 1 Headrail, Hold Down Brackets, Cutouts, Non-FR Cloth Tapes, de-Light™ Feature

2.03 FABRICATION

- A. Blind measurements shall be accurate to within $\pm 1/8$ " or as recommended in writing by manufacturer.

Operating Systems

Standard

Standard cord tilt holds and tilts slat at any angle.

LiteRise®

A cordless system with a proprietary design that holds blinds securely in any position - no constant adjusting necessary - making it easy to raise your blinds with the touch of a finger. No lift cords for a clean, uncluttered look. (Not available for FR Alternative Wood Blinds).

Multiple Blinds On One Headrail

Two or three blinds share the same headrail.

Motorization

Versatile range of motors and controls to maximize shading benefits.

Specialty Shapes

Options include: arches, angles, trapezoids, circles, bay and corner windows, french doors, sliding glass doors, and cut-outs.

FR Materials

FR Alternative Wood Blinds

- 1/8" thick blend of polymer and specially selected composite materials. Available in 2" slat size

Country Woods® Wood Blinds

- 100% Hardwood. Available in 1", 2", or 2½" slat sizes

Chalet Woods® Wood Blinds

- 100% Hardwood. Available in 2" and 2½" slat sizes

EverWood® Alternative Wood Blinds

- Made from our proprietary top-grade, PVC-free polymer. Available in 2" slat size

WoodMates® Alternative Wood Blinds

- Made from our proprietary mid-grade, PVC-free polymer. Available in 2" slat size

Additional Options

Selection of coordinated decorative tapes, hold-down brackets, extension brackets, wood wand tilt control, cord length, spacer blocks.



Blind dimensions vary based on material and hardware system. See Specifications section in the binder or visit our website for complete list of size limitations.

Silhouette® FR Window Shadings



Hunter Douglas Silhouette® FR Window Shadings feature adjustable fabric vanes suspended between two sheer facing fabrics. When the vanes are open, the shadings work like sheers, filtering light to eliminate glare and create an inviting glow.

Benefits:

- Certified for low emissions by the GREENGUARD Environmental Institute and passes the stricter requirements of GREENGUARD Children and SchoolsSM.
- Maximize daylighting efficiency by diffusing and dispersing sunlight throughout the room.
- Durable operating systems assure high quality performance.
- Soil and dust-resistant materials require minimal cleaning.
- Up to 88% ultraviolet protection with vanes open and 99% with vanes closed.
- Lifetime Guarantee

CSI Specifications

PART 2 – PRODUCTS

2.01 ACCEPTABLE MANUFACTURER

- A.** Hunter Douglas Contract/ 12250 Parkway Centre Dr. / Poway, CA 92064/ Phone: 800-727-8953 Fax: 800-205-9819/ Website: www.hunterdouglascontract.com, or architect approved equivalent.
- B.** Product substitutions must be approved by architect minimum of 30 days prior to close of bid.

2.02 COMMERCIAL WINDOW SHADINGS

A. PRODUCT: Hunter Douglas "Silhouette® FR Window Shadings"

B. MATERIALS:

- 1. FABRIC:** Flame-retardant treated 100% sheer white knit polyester fabric located on front and rear suspended between 100% woven polyester 3" fabric facings treated to resist dust, dirt, static, and stains. Finish selected by architect from manufacturer's available contract colors.
- 2. HEAD/BOTTOM RAIL:** Standard headrail type measuring 3" x 2⁹/₃₂" x .0625" or 3³/₁₆" x 2¹/₂" x .0625" thick constructed of aluminum alloy 6063 conceals shading when fully raised. Internally fit with components required for specified performance and designed for smooth, quiet, trouble-free operation. Bottom rail measuring

2" x 3⁷/₁₆" x .0625" thick constructed of aluminum alloy 6063. Finish to be standard polyester-based paint and to coordinate with fabric. Ends fitted with polycarbonate end caps measuring 2¹³/₁₆" x 2⁹/₃₂" color-coordinated with fabric.

- 3. LIFTING/ ROTATION MECHANISM:** White polycarbonate spring tempered rotary clutch system raises, lowers and tilts shading when activating 1 1/2" tubular aluminum rotator rail. White polycarbonate limit assemblies control vane over-rotation. Color-coordinated braided polyester 2.4mm diameter cord loop with tensioner to secure cord loop. Located on either side of individual shade unit as per architect's request.
- 4. MOUNTING HARDWARE:** Manufacturer's standard white polycarbonate hidden brackets, provide a sleek, unobtrusive appearance.
- 5. ADDITIONAL AVAILABLE OPTIONS:** Headrail Dust Cover, Back Cover, Oversized Rail, Motorization, Optional Cord Lengths, Hold Down Brackets.

2.03 FABRICATION

- A.** Blind measurements shall be accurate to within ± 1/8" or as recommended in writing by manufacturer.

Operating Systems



EasyRise™

This continuous cord loop and clutch assembly makes operating large shadings easier.



UltraGlide®

Raise, lower and tilt shadings with one retractable cord.



Tilt-Only

Shadings cannot be raised or lowered, but vanes may be positioned from fully open to fully closed. For narrow windows.



Two-On-One Headrail

Two shadings share the same headrail; each shade operates independently.



Motorization

Versatile range of motorization and control options to maximize shading benefits.



Specialty Shapes

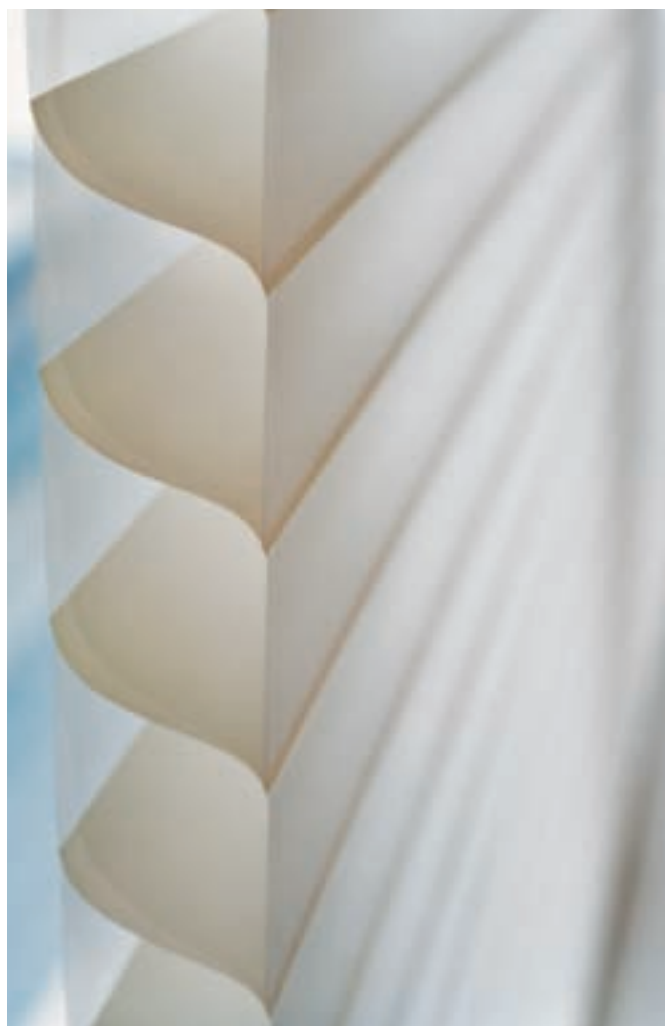
Options include: perfect and imperfect arch and extended arch, angle, trapezoid, circle, perfect and imperfect quarter circle, hexagon, and octagon.

FR Fabrics

- 3" vanes
- Available in Original™ classic translucent woven fabric and Bon Soir™ light dimming fabric
- Fabrics meet or exceed all requirements of NFPA 701 small-scale flammability testing for commercial applications
- Winter R-value / low-e double glazing = 4.02 (Original), 4.00 (Bon Soir)
- Solar heat gain coefficient / low-e double glazing = .38 (Original), .30 (Bon Soir)
- UV protection closed 99% (open up to 88%)

Additional Options

Inside mount, outside mount, end mount (max width =84"), dust covers, optional cord drop lengths - color-coordinated sizes: 2', 3', 4', and 5' for standard and oversized rails. White available in a 1' length, and 12' increments from 6 – 16' lengths.



Shading sizes vary based on fabric selection and hardware system. See Specifications section in the binder or visit our website for a complete list of product specifications.

FR Vertical Blinds



Our exceptionally durable FR Vertical Blinds feature a range of pantagraph and carrier train systems that fit in a variety of applications, including choices for curves, slopes, and motorization.

Benefits:

- Certified for low emissions by the GREENGUARD Environmental Institute and passes the stricter requirements of GREENGUARD Children and SchoolsSM.
- Highly durable pantagraph and carrier train systems rotate louvers 180° for tight closure.
- Energy efficient.
- Materials meet or exceed all requirements of NFPA 701 small scale flammability testing for commercial applications.
- Lifetime Guarantee

CSI Specifications

PART 2 – PRODUCTS

2.01 ACCEPTABLE MANUFACTURER

- A.** Hunter Douglas Contract/ 12250 Parkway Centre Dr. / Poway, CA 92064/ Phone: 800-727-8953 Fax: 800-205-9819/ Website: www.hunterdouglascontract.com, or architect approved equivalent.
- B.** Product substitutions must be approved by architect minimum of 30 days prior to close of bid.

2.02 VERTICAL BLINDS

A. PRODUCT: Hunter Douglas "Contract FR Vertical Blind"

B. MATERIALS:

- 1. LOUVERS:** Vinyl extruded from PVC 3½" (optional 2" flat & flat perforated) wide x .032" maximum thickness curved (optional flat, flat perforated) with standard overlap of not less than ⅜" and stacking 7/32" apart. Groovers extruded from PVC with .030" maximum thickness with 1/8" clear lip to accept inserts of all available commercial fabrics. Fabric to be flame retardant polyester (Cumulus FR, Paxton FR). Curved .008" gauge 3½" wide heat-treated extruded aluminum, dip coated with baked polyester coating. Finish with manufacturer's standard colors selected by architect from manufacturer's available contract colors.
- 2. CHANNEL:** Standard type (PermAlign®) measuring 1¾" x 1⅝" x .045" thick constructed of painted ivory aluminum. Internally fit with .24" diameter heavy-duty extruded aluminum tilt rod, engineered thermal plastic carrier trucks, end caps and components required for specified performance and designed for smooth, quiet, trouble free operation.
- 3. CARRIER TRUCKS:** Engineered thermal plastic 7/16" thick and 1⅝" wide with wheels and worm-and-spur gears to ensure rotation with perfect alignment and synchronization. Solid molded engineered thermal plastic asymmetrical carrier stems provide ease of louver

installation and removal. Wheel-less lead carrier moves along elongated bearing surface.

- 4. SPACER LINKS:** Stainless steel 5/16" x .008" spacer links smoothly space and stabilize carrier trucks.
- 5. ROTATION:** Standard #6 (#10 for heavy duty or large applications) qualified nickel-plated brass tilt chain provides 180 degrees direct rotation by activating tilt gear within end cap assembly (#10 standard with covered end cap assembly and 3 to 1 ratio) in turn actuating heavy-duty extruded aluminum tilt rod and worm-and-spur gears in carrier trucks. Located on either side of individual blind unit as per architect's request.
- 6. TRAVERSING:** Stretch-resistant, non-fraying, and lint free lock knit polyester cord provide traversing capabilities for side, center, and off-center draws.
- 7. MOUNTING HARDWARE:** Manufacturer's standard L-bracket with clip (outside mounts) & clip only (inside mounts) provide required support.
- 8. ADDITIONAL AVAILABLE OPTIONS:** Valance, Wand Control, Motorization, Bronze Rail, PC0440 (Anodized Aluminum) – PermaTrak® (Painted Grey) - & Specialty Track (Anodized Aluminum) Headrail Systems.

2.03 FABRICATION

- A.** Blind measurements shall be accurate to within ± 1/8" or as recommended in writing by manufacturer.

Operating Systems

PermaTilt®

Wand control system combines both tilt and traverse functions in one easy-to-use control, completely eliminating the standard chain and cord.

PermAlign®

Stainless-steel carrier train system (5/16" x .008"). Max. size 16 ft.

PermaTrak®

Plastic carrier train system (5/16" x .025"). Max size 16 ft.

PC0440

Stainless-steel carrier train system (5/16" x .025"). Max size 25 ft.

Motorization

Hunter Douglas motorized window coverings are designed for guaranteed operation and precise control.

Specialty Tracks

Available in straight, curved, sloped, top/bottom track, and arch configurations. Motorization available. Max size 20 ft. Celcon bead chain.

FR Materials

Vinyl

- Available with .030" gauge, flat (2" x 3 ½"), and curved (3 ½") louvers. Perforated louvers (13% openness), available in 2" and 3 ½" gray, ivory, and white

Aluminum

- 3 ½" curved spring-tempered aluminum (.008")

Fabric

- Fabrics meet or exceed all requirements of NFPA 701 small scale flammability testing
- 3 ½" louver

Additional Options

PermAssure® safety wand, motorization, bottom chains, bronze track (PermAlign® only), optional wand control, PermaClear® groovers, valance, sealed bottom weights, covered end caps.



Blind dimensions vary based on material and hardware system. See Specifications section in the binder, or visit our website for complete list of size limitations.

Vignette® FR Modern Roman Shades



The soft overlapping folds of Vignette® FR Modern Roman Shades offer the style of a custom roman shade, as well as the ease and durability of a roller shade.

Benefits:

- Certified for low emissions by the GREENGUARD Environmental Institute and passes the stricter requirements of GREENGUARD Children and SchoolsSM.
- Energy-efficient design creates an insulating layer of air to keep heat in during the winter and out during the summer. Provides 99% UV blocking.
- The fabrics are specially woven to hold their shape and style.
- Soil and dust resistant materials require minimal cleaning.
- All fabrics are available in cut yardage to coordinate with other room elements.
- Lifetime Guarantee

CSI Specifications

PART 2 – PRODUCTS

2.01 ACCEPTABLE MANUFACTURER

- A.** Hunter Douglas Contract/ 12250 Parkway Centre Dr. / Poway, CA 92064/ Phone: 800-727-8953 Fax: 800-205-9819/ Website: www.hunterdouglascontract.com, or architect approved equivalent.
- B.** Product substitutions must be approved by architect minimum of 30 days prior to close of bid.

2.02 COMMERCIAL WINDOW SHADINGS

A. PRODUCT: Hunter Douglas "Vignette FR Window Shadings"

B. MATERIALS:

- 1. FABRIC:** Combination of permanent flame-resistant 100% polyester fabrics on both front and rear. Constructed of looped overlapping 4" fabric folds located on front with neutral white back fabric providing uniform exterior look. Fabric combination transmits filtered light with no view through. Finish selected by architect from manufacturer's available contract colors.
- 2. HEAD/BOTTOM RAIL:** Standard headrail type measuring 3.8125" x 3.3125" x .040" thick constructed of aluminum alloy 6063 conceals shading when fully raised. Internally fit with components required for specified performance and designed for

smooth, quiet, trouble-free operation. Matching fabric-covered tubular-shaped steel bottom rail provides uniform look. Headrail finish to be standard polyester-based paint and to coordinate with fabric. Ends fitted with engineering plastic end caps measuring 3¹³/₁₆" x 3.1875" color-coordinated with front fabric.

- 3. LIFTING/ ROTATION MECHANISM:** White engineering plastic spring-tempered rotary clutch system raises and lowers shading providing ease of operation when continuous cord loop is activated and holds shadings in place until force is applied. Color-coordinated braided polyester 2.4mm diameter cord loop with tensioner to secure cord loop. Located on either side of individual shade unit as per architect's request.
- 4. MOUNTING HARDWARE:** Manufacturer's standard white engineering plastic hidden brackets, provide a sleek, unobtrusive appearance.
- 5. ADDITIONAL AVAILABLE OPTIONS:** Coordinating Fabric Covered Headrail, Motorization, Optional Cord Lengths, Hold Down Brackets.

2.03 FABRICATION

- A.** Blind measurements shall be accurate to within $\pm \frac{1}{8}$ " or as recommended in writing by manufacturer.

Operating Systems

EasyRise™ Continuous Cord Loop Control

This continuous cord loop and clutch assembly makes operating large shades easier.

Multi-Panel

Matched panels span larger openings. Two or three-panel configurations share the same headrail and bottom rail and operate as one shade.

Two-On-One Headrail

Two standard rectangular shades share the same headrail but operate independently.

Top-Down/Bottom-Up

The shades operate from either the top down or the bottom up.

Motorization

Versatile range of motors and controls to maximize shading benefits.

Specialty Shapes

Perfect, imperfect and extended arches and angles. Shades are non-operable and remain in lowered position.

FR Fabrics

- Traditional™ 4" contoured fold or Tailored™ 6" flat fold
- Available in two textured fabrics and over 10 colors
- Neutral white backing affixed to woven front fabric
- Fabrics meet or exceed all requirements of NFPA 701 small scale flammability testing for commercial applications
- Winter R-value = 4.39 translucent fabrics; 4.53 EveScape™ room darkening fabrics
- Solar heat gain coefficient = 0.28 (all fabrics)
- UV blockage 99%
- EveScape™ room darkening available

Additional Options

Spacer blocks, hold-down brackets, extension brackets, non-standard cord drop lengths (white only), color-coordinated cord loop and end caps, inside mount, outside mount, end mount.



Shade sizes vary based on fabric selection and hardware system. See Specifications section in the binder, or visit our website for a complete list of product specifications.

Palm Beach™ FR Polysatin Shutters



Resistance to heat, mold, and mildew, along with the lightweight design, make Palm Beach™ FR Polysatin Shutters ideal for a wide range of commercial and contract applications.

Benefits:

- Certified for low emissions by the GREENGUARD Environmental Institute and passes the stricter requirements of GREENGUARD Children and SchoolsSM.
- Designed with pockets of air to keep the individual pieces of the shutter system from transferring energy. An R-value of 3.40 helps reduce HVAC costs.
- GREENGUARD® listed for microbial resistance.
- Meets or exceeds all requirements of NFPA 701 small scale flammability testing for commercial applications.
- Lifetime Guarantee

CSI Specifications

PART 2 – PRODUCTS

2.01 ACCEPTABLE MANUFACTURER

A. Hunter Douglas Contract/ 12250 Parkway Centre Dr. / Poway, CA 92064/ Phone: 800-727-8953 Fax: 800-205-9819/ Website: www.hunterdouglascontract.com, or architect approved equivalent.

B. Product substitutions must be approved by architect minimum of 30 days prior to close of bid.

2.02 COMMERCIAL SHUTTERS

A. PRODUCT: Hunter Douglas “Palm Beach™ FR Polysatin Shutters”

B. MATERIALS:

- 1. ROTATION SYSTEM:** Palmetto™ tilt bar (optional Lantana™ gear-driven without tilt bar) system provides tight and uniform closure of all louvers at once. Internally fit with components for required specified performance and designed for smooth, quiet, trouble-free operation. Tilt bar positioned on front and centered on each panel. (Palmetto available with optional offset rear panel tilt bar).
- 2. LOUVERS:** NFPA 701 compliant flame retardant exterior grade polysatin vinyl extrusions in 2³/₈" (optional 3³/₈") tapered louvers rotating 180 degrees when actuated by tilt bar (optional Lantana™ gear-driven) rotation system. Equidistant computer positioned louvers allow for equal spacing providing uniform look from shutter to shutter. Constructed to prevent fading, cracking, peeling, and warping of materials. Finish to be standard impregnated color throughout and to match panel and frame.
- 3. PANEL:** NFPA 701 compliant flame retardant exterior grade polysatin vinyl 4" (optional 2") top and bottom rail with full-length aluminum reinforced stiles (and

T-posts when required) providing maximum strength at all stress points. Color matching stile covers and polycarbonate stile caps conceal fabrication hardware providing finished look. (Horizontal divider rails provide additional strength for larger heights). Constructed to prevent fading, cracking, peeling, and warping of materials. Finish to be standard impregnated color throughout and to match louvers and frame.

- 4. FRAME:** Contemporary frame with 2¹/₈" overall depth and ¹⁵/₁₆" backside overall width (traditional frame overall depth 2³/₈" and 2⁵/₈" backside overall width, Colonial frame overall depth 2", overall width 2⁵/₁₆", backside width ⁵/₁₆", Z-Frame overall depth 2", overall width 2¹/₁₆", backside width ⁵/₁₆") constructed of exterior grade polysatin flame retardant compliant with NFPA 701 designed to compensate for out-of-square windows, provide superior light blockage, and ease of installation. Hinges to match frame, panel, and louvers.
- 5. TRACKS:** Optional Bi-Fold (overall depth 2⁷/₈", overall backside width 2") and Bypass (overall depth 4¹/₂", overall backside width 2") track system available.
- 6. MOUNTING HARDWARE:** Manufacturer's standard screws allow for an easy and proper installation.
- 7. ADDITIONAL AVAILABLE OPTIONS:** Stainless Steel Hinges, Removable Pin Hinge, Double-hung Panel Configuration, Café Style Configuration, Astragal.

2.03 FABRICATION

- A.** Shutter measurements shall be accurate to within ± 1/8" or as recommended in writing by manufacturer.

Options

Standard Panel Systems

Panels can be hinged on either the right or left side in multiple panel configurations.

Bi-Fold Track Systems

Slides and folds open. Up to eight panels may be hinged together.

Bypass Track Systems

Shutter panels are not hinged; instead they slide on top tracks to open and close.

Operating System

Louvers open and close using either a traditional front tilt bar called Palmetto™, a discreet rear tilt bar call TruView™ or a completely hidden internal gear system called Lantana™.

FR Materials

- Patented polysatin construction
- Guaranteed never to warp, fade, chip, or peel
- UV resistant
- Meets or exceeds all requirements of NFPA 701
- R-value 5.68
- GREENGUARD® Certified
- Louver sizes available in 2 ½", 3 ½", 4 ½"
- Energy efficient

Additional Options

A wide range of framing and color options, hinge finishes, and specialty configurations to meet your design needs.



Shutter sizes vary based on operating system. See Specifications section in the binder, or visit our website for a complete list of product specifications.

FR Woven Woods Shades



A versatile, stylish choice. FR Woven Woods Shades come in an assortment of natural materials, including bamboo, reeds, and grasses, and a variety of colors and textures. Ideal for lounges, restaurants, spas and retail settings.

Benefits:

- Certified for low emissions by the GREENGUARD Environmental Institute and passes the stricter requirements of GREENGUARD Children and SchoolsSM.
- Durable operating systems assure high quality performance.
- Increased insulation at the window keeps heat in during the winter and out during the summer.
- Soil and dust-resistant materials require minimal cleaning.
- Lifetime Guarantee

CSI Specifications

PART 2 – PRODUCTS

2.01 ACCEPTABLE MANUFACTURER

- A.** Hunter Douglas Contract/ 12250 Parkway Centre Dr. / Poway, CA 92064/ Phone: 800-727-8953 Fax: 800-205-9819/ Website: www.hunterdouglascontract.com, or architect approved equivalent.
- B.** Product substitutions must be approved by architect minimum of 30 days prior to close of bid.

2.02 COMMERCIAL FR WOVEN WOOD SHADES

A. PRODUCT: Hunter Douglas "FR Woven Wood Shades"

B. MATERIALS:

- 1. FABRIC:** Flame retardant treated natural fabrics constructed of woods, reeds, bamboo, and grasses with 100% polyester yarns. Constructed of even overlapping folds when raised and hangs flat in fully lowered position. Fabric selections create sheer and semi opaque applications. Finish selected by architect from manufacturer's available contract colors.
- 2. HEAD/BOTTOM RAIL:** Standard headrail type measuring 1½" x ¾" constructed of wood. Mounted with components required for specified performance and

designed for smooth, quiet, trouble-free operation. Matching fabric-rolled ¾" x ⅜" wood bottom rail provides uniform look.

- 3. LIFTING/ ROTATION MECHANISM:** Brown engineering plastic/antique finish metal pulleys with gravity feed cord lock raises and lowers shade providing ease of operation when cord is activated and holds shade in place until force is applied. Color-coordinated braided polyester 1.8mm diameter cord with color-coordinated wood tassel per individual cord. Located on either side of individual shade unit as per architect's request.
- 4. MOUNTING HARDWARE:** Manufacturer's standard metal brackets allow for ceiling or wall installation.
- 5. VALANCE:** Standard 6½" in height attached to front edge of headrail system provides uniform look to shade. Standard 1½" valance returns provide uniformity to side view of shade.
- 6. ADDITIONAL AVAILABLE OPTIONS:** Clutch Operation, Top-Down/Bottom-Up Applications, Motorization, Optional Cord Lengths, Hold Down Brackets, Extension Brackets.

Operating Systems



Standard Cordlock

Standard cord operation.



Continuous Cord & Clutch

Superior lifting system makes even the largest shades easy to operate.



Multiple Shades On One Headrail

Two or three shades share the same headrail. Standard cordlock or continuous clutch operation. Width dimensions vary depending on configuration and fabric.



Top-Down/Bottom-Up

Operate shades from the top down, the bottom up or in combination.



Motorization

Versatile range of motors and controls to maximize shading benefits.



Specialty Angle Top

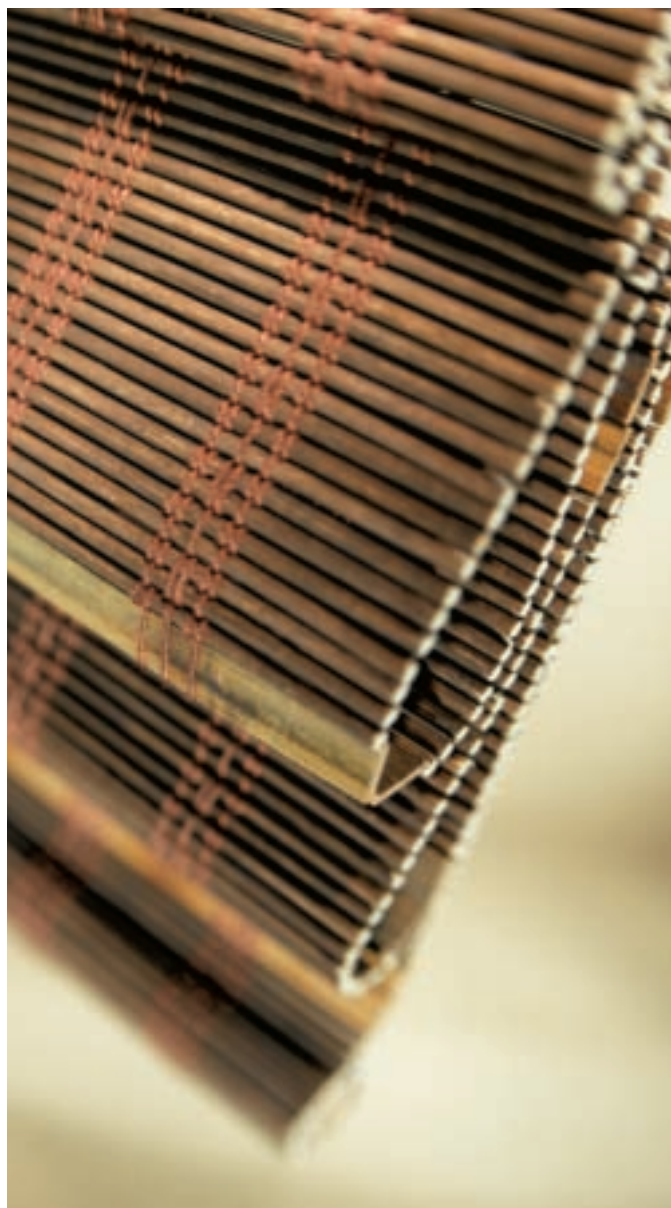
For slanted windows or ceilings to create a dramatic effect.

FR Materials

- Created from select natural woods, reeds, bamboos, and grasses
- Material meets or exceeds all requirements of NFPA 701 small scale flammability testing for commercial applications
- Blackout liner options enhance privacy and provide room-darkening capabilities
- Block 99% of UV to prevent fading
- Winter R-value = 4.82
- Solar shading coefficient = 0.24

Additional Options

Ceiling brackets, extension brackets, hold-down brackets, hobbled style, edge banding, additional valance heights, opacity options.



Shade sizes vary based on material selection and hardware system. See Specifications section in the binder, or visit our website for a complete list of product specifications.

FR Pleated Shades



Offering superb control of privacy, daylight and solar heat gain, our versatile FR Pleated Shades are available in a wide variety of colors.

Benefits:

- Certified for low emissions by the GREENGUARD Environmental Institute and passes the stricter requirements of GREENGUARD Children and SchoolsSM.
- Increased insulation at the window keeps heat in during the winter and out during the summer.
- Durable operating systems assure high quality performance.
- Soil and dust-resistant materials require minimal cleaning.
- Lifetime Guarantee

CSI Specifications

PART 2 – PRODUCTS

2.01 ACCEPTABLE MANUFACTURER

- A.** Hunter Douglas Contract/ 12250 Parkway Centre Dr. / Poway, CA 92064/ Phone: 800-727-8953 Fax: 800-205-9819/ Website: www.hunterdouglascontract.com, or architect approved equivalent.
- B.** Product substitutions must be approved by architect minimum of 30 days prior to close of bid.

2.02 PLEATED SHADES

A. PRODUCT: Hunter Douglas "FR Pleated Shades"

B. MATERIALS:

- 1. FABRICS:** Inherently anti-static 100% polyester with 1" pleats extending full width of opening and providing compacted appearance when fully raised. (Castille FR fabric with energy efficient metallized backing containing thin layer of aluminum bonded to fabric back for increased energy savings and UV protection). Finish selected by architect from manufacturer's available contract colors.
- 2. HEAD/BOTTOM RAIL:** Standard type measuring 1.0625" x .447" x .040" thick constructed of aluminum alloy 6063. Internally fit with components required for

specified performance and designed for smooth, quiet, trouble-free operation. Finish to be standard baked-on enamel and to coordinate with fabric. Ends fitted with polycarbonate end caps color-coordinated with rails.

- 3. LIFTING MECHANISM:** Molded polycarbonate plastic cordlock color-coordinated to fabric with stainless steel components. Color-coordinated braided polyester .0354" lift cord, safety tassel, and stop-ball. Located on either side of individual shade unit as per architect's request.
- 4. MOUNTING HARDWARE:** Manufacturer's standard polycarbonate universal hidden brackets, provide a sleek, unobtrusive appearance.
- 5. ADDITIONAL AVAILABLE OPTIONS:** Easy Glide™, Top-Down, Top-Down/Bottom-Up, 2 Blinds on 1 Headrail, Specialty Shapes, LiteRise®, Skylight Systems, Hold Down Brackets.

2.03 FABRICATION

- A.** Blind measurements shall be accurate to within $\pm 1/8$ " or as recommended in writing by manufacturer.

Operating Systems



Standard Cordlock

Standard cord operating system.



LiteRise®

No pull cords or cord loops; hidden control system enables shades to be easily raised or lowered.



SoftGlide®

This continuous cord loop and clutch assembly makes operating large shades easier.



Two-On-One Headrail

Two shadings share the same headrail; each shade operates independently.



Top-Down/Bottom-Up

Operate shades from the top down, the bottom up or in combination.



Motorization

Versatile range of motors and control options to maximize shading benefits.



Specialty Shapes

Options include: arches, angles, circles, quarter circles, hexagons, octagons, trapezoids, and skylights.

FR Fabrics

- 1" pleat
- Available in two fabrics: Versailles semi-opaque and Castille semi-sheer
- Fabrics meet or exceed all requirements of NFPA 701 small-scale flammability testing for commercial applications
- Metallized fabric (Castille) for energy savings and sun reflection
- Winter R-value / Double Glazing Castille = 2.00/
Versailles = 2.32
- Summer Shading Coefficient / Double Glazing Castille = .50/
Versailles = .30

Additional Options

Inside or outside mount, spacer blocks, extension brackets, end mount brackets.



Shade dimensions vary based on fabric selection and hardware system. See Specifications section in the binder or visit our website for complete list of size limitations.

Skyline™ FR Gliding Window Panels



Ideal for large expanses of glass, Skyline™ FR Gliding Window Panels traverse horizontally, sliding across the window on a slim track. This innovative system features a smooth, reliable mechanism and a selection of sophisticated shading fabrics. Shades even the largest glazing areas while maintaining clean, architectural lines.

Benefits:

- Select fabrics are certified for low emissions by the GREENGUARD Environmental Institute and pass the stricter requirements of GREENGUARD Children and SchoolsSM.
- Patented two-channel, single track allows any number of panels on one headrail.
- Energy efficient.
- Interlocking bottom-weight system increases panel stability and eliminates tangling.
- Lifetime Guarantee

CSI Specifications

PART 2 – PRODUCTS

2.01 ACCEPTABLE MANUFACTURER

- A.** Hunter Douglas Contract/ 12250 Parkway Centre Dr. / Poway, CA 92064/ Phone: 800-727-8953 Fax: 800-205-9819/ Website: www.hunterdouglascontract.com, or architect approved equivalent.
- B.** Product substitutions must be approved by architect minimum of 30 days prior to close of bid.

2.02 PANEL TRACK SYSTEMS

A. PRODUCT: Hunter Douglas Skyline™ FR Gliding Window Panels

B. MATERIALS:

- 1. FABRICS:** Inherently anti-static, flame retardant, fade and stain resistant fabrics providing 0% - 14% openness factors. Fabric weights to range between 11.79 oz/sq.yd. – 14.60 oz/sq.yd. containing fiberglass, PVC, polyester, & vinyl coatings. Finish selected by architect from manufacturer's available contract colors. Panel widths available in 11½" and 17".
- 2. CHANNEL:** Patented anodized aluminum dual channel single track system measuring 2½" x ¾". Internally fit with components required for specified performance and designed for smooth, quiet, trouble-free operation.

- 3. TRAVERSING:** Stretch-resistant, non-fraying, and lint-free lock knit polyester cord provides traversing capabilities for left, right, and split stack draws.
- 4. BOTTOM WEIGHT:** Powder coated color-coordinated aluminum interlocking bottom weight provides panel stability and alleviates panel tangling.
- 5. MOUNTING HARDWARE:** Manufacturer's standard L-bracket with clip (outside mounts) and clip only (inside mounts) provide required support. Available in 3 color options Bronze, Plated, and Ivory.
- 6. ADDITIONAL AVAILABLE OPTIONS:** Valance, Wand Control

2.03 FABRICATION

- A.** Shade measurements shall be accurate to within ± ⅛" or as recommended in writing by manufacturer.

Operating Systems



Manual Cord Control

Fits rectangular window openings; opens and closes from side to side.



Manual Wand Control (Single/Dual)

Dual wand control allows each side to operate independently.



Room Divider Kit

Available to facilitate use of product to define interior spaces.



Valance

Four valance options available: standard, sleek metal, fabric valance, or box valance for room divider applications.



Fabric Wrapped Large Cassette Top Treatment

Available up to 192".



Motorization

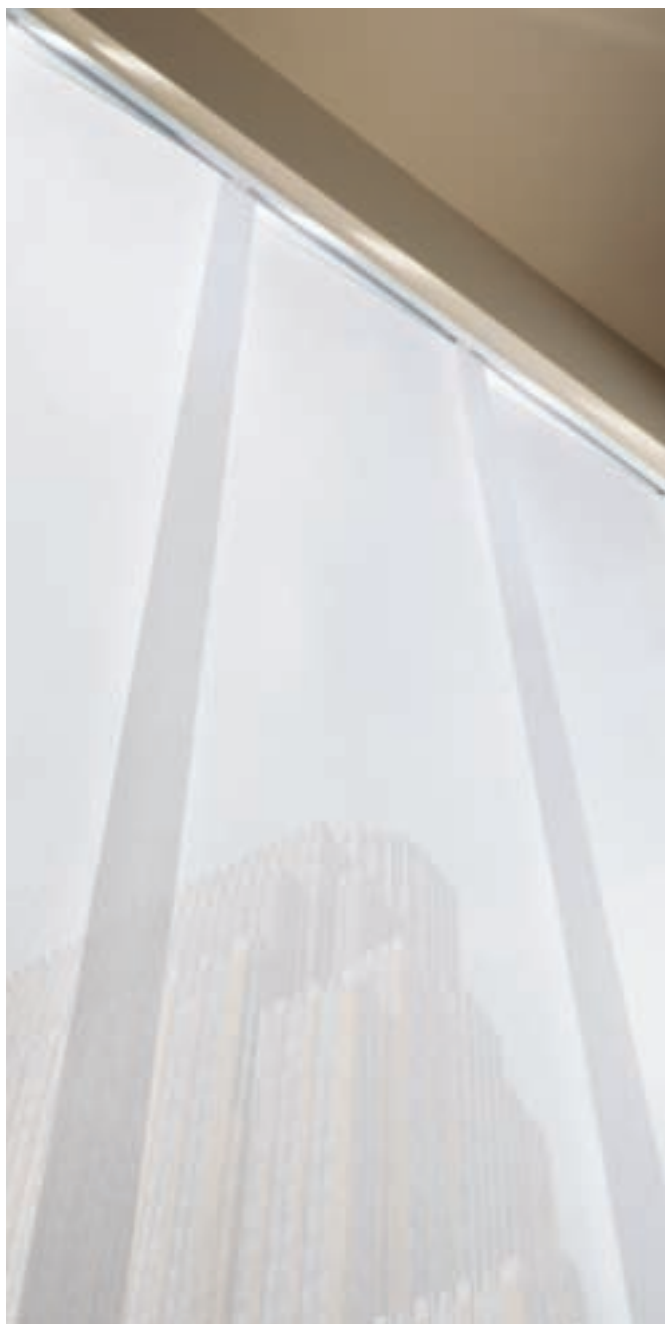
Featuring PowerGlide® 2.0 with Platinum™ Technology. Drives unit up to 384". Features color-coordinated motor cover for seamless look.

FR Fabrics

- Two panel widths - 11 ½" and 17" - create uniformity within any room and provide minimum stackback for maximum view-through.
- Fabrics available in 0% - 14% openness.
- Fabrics meet or exceed all requirements of NFPA 701 small scale flammability testing for commercial applications.

Additional Options

Left, right, or split stack configuration, left or right control, spliced headrail to achieve widths to 384".



Shade sizes vary based on panel configuration. See Specifications section in the binder, or visit our website for a complete list of product specifications.



Royal Caribbean Cruises (Roller Shades)

RELATED PROJECTS LIST

Project: World Headquarters for IFAW,
Yarmouth Port, MA
Architect: designLAB architects
Product: Roller Shades

Project: Reflections at Bloomington Central,
Bloomington, MN
Architect: Elness Swenson Graham Architects with
architectsAlliance
Product: Motorized Roller Shades

Project: Hancock Bank Building, Gulfport, MS
Architect: Grace & Hebert Architects
Product: Manual Roller Shades

Project: Royal Caribbean, Springfield, OR
Architect: Workstage; Integrated Architects
Product: Roller Shades

Project: Huguley Memorial Medical Center, Fort Worth, TX
Product: 400+ Manual Roller Shades, GlacierScreen™

Project: EPA Region 8 Headquarters, Denver, CO
Architect: Zimmer Gunsul Frasca Architects LLP/Opus A&E, Inc.
Product: H200 FR Aluminum Horizontal Blinds, motorized

Project: Bel Air High School, Bel Air, MD
Dealer: M & B Contract Specialties
Product: CD80 Aluminum Horizontal Blinds

Project: Great River Energy, Maple Grove, MN
Dealer: Aero Drapery
Product: FR Aluminum Horizontal Blinds, Perforated

Project: Eglin O Club, Eglin AFB, FL
Architect: Hodell Window Covering, Inc.
Products: Duette® FR Honeycomb Shades,
Silhouette® FR Window Shadings

Project: The Metropolitan Midtown, Charlotte, NC
Dealer: The Blind Man of North Carolina
Product: CD80 Aluminum Horizontal Blinds

Project: The Clare at Water Tower, Chicago, IL
Dealer: Indecor Inc.
Product: CL62 Aluminum Horizontal Blinds

Project: JPS Hospital, Fort Worth, TX
Product: 500+ Manual and Motorized Roller Shades

Project: Northeastern University, Boston, MA
Dealer: Ver-Tex
Product: CD80 Aluminum Horizontal Blinds



IFAW Headquarters (Roller Shades)



Pritzker Realty Group at Hyatt Center, Chicago, IL (Aluminum)

ABOUT HUNTER DOUGLAS

For the last 60 years, we have been fortunate enough to help turn countless innovative sketches into innovative buildings. Architects and designers from around the world have taken advantage of Hunter Douglas' unmatched project development, service, and support. Chances are, you have seen more of Hunter Douglas than you think. Just look around. With major operation centers in North America, Europe, Latin America, Asia and Australia, we have contributed to thousands of high-profile installations, from retail and commercial facilities to major transit centers and government buildings. Not only are the world's architects and designers our partners, they are our inspiration. As they continue to raise the bar for excellence, we are creating projects to bring their visions to life.

COMMITMENT TO SUSTAINABILITY

From products, to processes, to philanthropy, environmental responsibility is a core Hunter Douglas value. We are the worldwide leader in creating innovative, energy-efficient window fashions. Our commitment to minimizing our own impact on the environment includes aggressive plans to reduce energy consumption by 15%, water usage by 40%, and overall carbon emissions by 20% over a three-year period.

FOR MORE INFORMATION

- 800.727.8953
- www.hunterdouglascontract.com/windowcoverings

FR Roller Shades



HunterDouglasContract

WINDOW COVERINGS

Effective and attractive, Hunter Douglas Contract **FR Roller Shades** offer hundreds of fabric choices, mounted on durable, powerful operating mechanisms. They are a versatile and reliable choice to manage light and control glare for a wide range of manual and motorized applications.

2	SHADING STRATEGY
3	MOTORIZATION
4	BENEFITS
6	ROLLER SHADE FABRICS
8	MANUAL SHADES
10	MOTORIZED SHADES
12	PROJECT GALLERY





Inside cover: Reflections at Bloomington Central, Bloomington, MN
Architect: Elness Swenson Graham Architects with architectsAlliance
Product: Motorized Roller Shades

Front cover: U.S. Citizenship and Immigration Services, Irving, TX
Architect: 4240 Architecture
Product: Manual and motorized FR Roller Shades, and CD 60 FR Aluminum Horizontal Blinds



Hunter Douglas FR Roller Shades help create environments that are comfortable, healthy, productive, and sustainable. Our products are constructed to minimize environmental impact while meeting the highest standards for industrial, institutional, and commercial applications.

(A) DAYLIGHTING

Contact with the outdoors is a proven factor in employee productivity. Windows offer views and admit plenty of daylight. Roller shades manage and optimize natural daylight, helping reduce dependence on artificial lighting.

(B) GLARE CONTROL

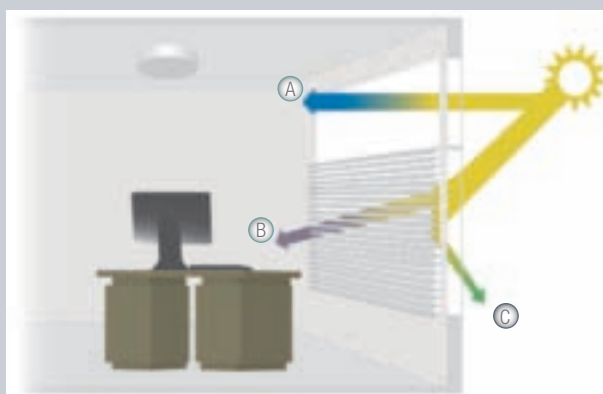
Roller shades allow employees to control the direction and amount of sunlight entering their workspace, with light-filtering fabrics that eliminate glare and reflections. Hundreds of fabric choices enable precise levels of daylight control, including 0% open fabrics for blackout applications, 1-3% open fabrics for privacy and room-darkening, and 5-10%+ open fabrics that filter glare.

(C) MANAGEMENT OF THERMAL GAIN

Window coverings manage heat generated by the sun: when it is hot, they can be closed to minimize solar heat gain; when cold, they can be raised to allow solar heating.

AESTHETICS

Shades filter daylight to create even, glare-free lighting levels. They also ensure privacy and can provide a consistent look from the exterior of a building.



INDOOR AIR QUALITY

Poor air quality is a common source of employee complaints. Many of our FR fabrics are certified for low emissions by the GREENGUARD Environmental Institute and passes the stricter requirements of GREENGUARD Children and SchoolsSM, and are GREENGUARD listed for Microbial Resistance. Careful selection of low-emitting materials such as sunscreen fabrics minimizes the presence of contaminants such as volatile organic compounds (VOCs), odors, and dust.



Hunter Douglas Contract provides flexible control of virtually any motorized product on projects of any size. Our state-of-the-art components can be mixed in a given installation without limitations. They offer feature-rich controls, which give you the highest level of function and accuracy.

By responding to changing conditions, automated shades deliver a number of important enhancements to building efficiency and performance:

DYNAMIC MANAGEMENT OF THERMAL GAIN

Intelligent automated systems can position shades based on the orientation of the sun.

INCREASED ENERGY EFFICIENCY

Automated systems contribute to energy savings by managing the amount of light and heat that comes through the window. Using natural light instead of artificial lighting can lead to energy savings.

AESTHETICS

Automated shades provide a uniform look to the exterior of a building.

CONVENIENCE

Motorized roller shades provide greatly improved convenience for user operation, eliminating the need to manipulate cords or rods. In addition, they can impact the overall performance, as studies show that most people do not open or close shades in response to changing conditions outside.

Benefits



Our roller shades provide an excellent solution for controlling light and glare. Simple, versatile, distinctive, and cost-effective, our line includes a wide range of decorative and performance fabrics, mounted on high-quality hardware.

WIDEST RANGE OF FABRICS

Over 200 FR fabrics with choices for color, openness, and design to meet any specification.

SUPERIOR LIGHT CONTROL

Fabric options and operating systems offer solutions from light-filtering to complete blackout. Our dual shade system allows both blackout and light-filtering shades at the same window.

RELIABLE HARDWARE

Manual and motorized hardware systems engineered to meet high standards for performance and reliability.

QUIET MOTORIZATION

Whisper Motors™ operate shades at sound levels equivalent to office conversation.

EASY INSTALLATION

Require little mounting space, with universal brackets.

AESTHETICS

Nearly invisible when raised, shades feature a variety of fascia and valance options. Clutch operating system allows precise control to help ensure a uniform look.

SUSTAINABLE CONSTRUCTION

Most of our PVC-free and standard shading fabrics are certified for low emissions by the GREENGUARD Environmental Institute and passes the stricter requirements of GREENGUARD Children and SchoolsSM.

SPECIALTY APPLICATIONS

Ability to provide roller shades in large expanses. Custom logo printing options available.

LIFETIME GUARANTEE

Operating Systems

Manual Clutch Operating System

Stainless steel chain hangs at the side, leaving the view unobstructed. Up and down stops prevent shades from being raised or lowered too far.

Motorization

Versatile range of motors and controls to maximize shading benefits, with automation that responds to changing sun conditions throughout the day.

Dual Shade

Add versatility to any space by allowing two different styles of fabrics to be used on the same window (one in front of the other).

Coupled Shade

Two or more separate tube assemblies joined together by the use of mechanical couplers and operated by one drive mechanism. All shades operate in tandem.

FR Fabrics

Dark Colors	Optimize exterior views, filter glare & UV
Light Colors	Screen exterior views, manage thermal gain
Dual Colors	Reflective outward-facing surfaces reduce thermal gain, optimize exterior views
Blackout (0% openness)	Blocks light, ideal for A/V, conference, and patient rooms
Open weave (1%-14%)	Filter sunlight, preserve exterior views

Options

Fascia	Conceals shade, merging the shading system with the surrounding room. Available in 3", 4", or 7" standard sizes.
Blockout	Aluminum side and bottom channels, fitted with light-blocking wool pile prevent light leakage around edges and bottom of shade. Ideal for room-darkening and A/V applications.
Pocket	Integrates shading into the ceiling plane. Prefabricated surface and ceiling pockets available.
Additional	Color-coordinated trims, 4 clutch sizes, banded shades, reverse roll, top and bottom covers, sealed pocket hem bar, extruded pockets.

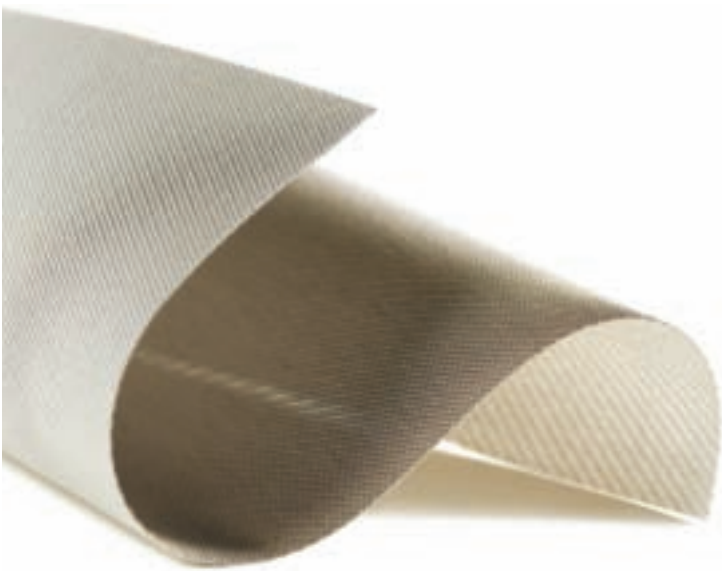




Hunter Douglas Contract offers a comprehensive line of sunscreen fabrics, giving designers the most choices in the industry for light control and aesthetics. All fabrics are flame-retardant and meet or exceed North American and European standards. Logos and custom printed shades available.

GlacierScreen™ FR Solar Shading Fabrics

GlacierScreen™ FR Solar Shading Fabrics preserve indoor air quality through an innovative new manufacturing process that eliminates nearly all odors due to off-gassing by avoiding the use of VOC-emitting substances. Available in 3%, 5%, 10%, 1% Duotone and 3% Duotone, with GREENGUARD Children and SchoolsSM certification, VOC-free construction and microbial resistance.



Features

- Fabrics are colorfast and reinforced against yellowing or reddening due to heat and UV exposure
- Tested and certified to meet the Oeko-Tex Standard 100 for the assessment of harmful substances in textiles
- Proven sterilization against bacteria, fungi, and viruses. Silver nano sterilization verified for anti-microbial performance
- Properties tested to remain in the long term, even after washing

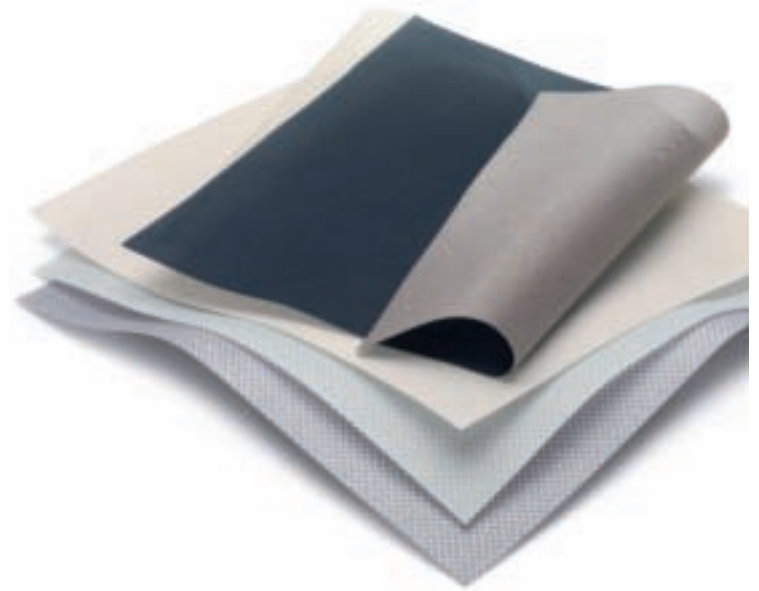


GreenScreen® Solar Shading Fabrics

Our environmentally responsible GreenScreen® fabrics deliver superior solar control with the most color and openness choices in the industry. All deliver the durability and dimensional stability you demand, with flame-retardance that meets the strictest international standards.

Features

- PVC-free with no VOCs to eliminate the need for off-gassing
- Environmentally friendly and completely recyclable
- High performance fabric with outstanding shading coefficients
- Variety of colors and opennesses

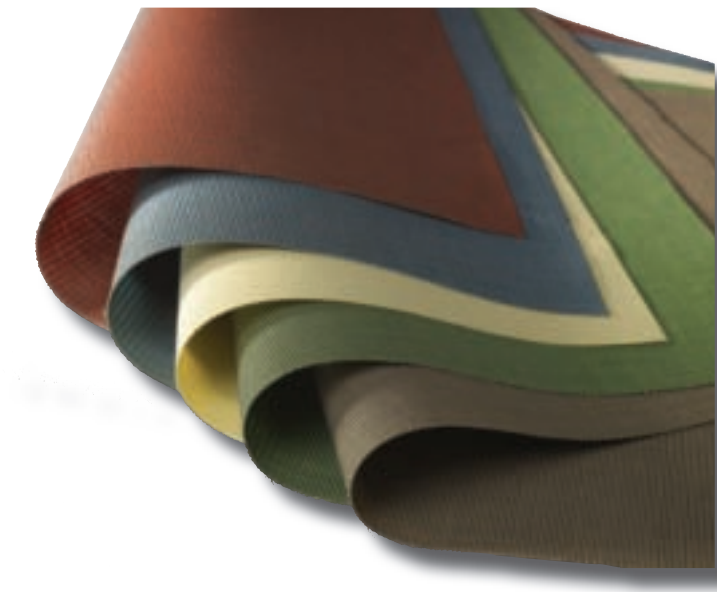


Fabrics with Enduris™ Glass Core

The durability and stability of fabrics with Enduris™ Glass Core technology comes from the inside out, starting with a fiberglass strand that makes it naturally fire resistant, dimensionally stable, and resistant to expansion and stretching due to heat. An innovative vinyl coating protects the fiberglass, providing additional durability with UV inhibitors.

Features

- Superior coating uniformity and surface aspect
- High resistance to temperature variations
- Chemically inert
- Non-rotting
- Low thermal conductivity
- Glass fiber yarns are a natural composite material
- Easy to clean



Manual Shades

Hunter Douglas Contract manual shades are a versatile and reliable choice for managing light, enhancing a building's energy efficiency, and controlling glare. Our new manual shade hardware was engineered to lead the industry.



Manual Shade Options



Bead Chain Clutch Operating System

- Pulley clutch operating system allows precise control for smooth operation of shade
- Compact bi-directional gear assembly mounted on the right side (standard) or left
- Requires no adjustments over lifetime of system
- Friction-free operation reduces component wear and increases product life




Dual Manual Shade

- Two operating mechanisms on one bracket for an integrated look
- Unlimited number of combinations for different shade materials
- Chain drive can be on same side or opposite side




Manual Shade With Fascia

- Conceals shade mechanism from front and sides
- Available in 3", 4", or 7" standard sizes
- Color options: anodized aluminum finish or painted white, vanilla, bronze, or black
- Optional top and back cover



Manual Shade With Blockout System

- Aluminum side and bottom channels, fitted with light-blocking wool pile
- Color options: anodized aluminum finish or painted white, vanilla, bronze, or black
- No light gaps at fascia/side channel connection
- Light-proof hem bar recessed into light-proof side channel



Manual Shade With Extruded Pocket

- Streamlined integration into the ceiling for concealment of shades
- Available for standard dual roller shades
- Prefabricated designs available in surface or ceiling mount
- Available in 5.25" and 9"
- Tile support to seam with the ceiling grid
- Optional end caps and closure mounts

Motorized Shades

Hunter Douglas Contract commercial grade motors allow for unlimited flexibility in both size and shape, for all construction applications. The compact size, high torque, and quiet operation of our motors make them ideal for a variety of uses including large shades, quiet environments, and simultaneous operation of multiple shade bands.



Motorized Shade Options

Quiet Motor

- Whisper Motors™ operate at sound levels equivalent to office conversation
- Maintenance-free and permanently lubricated
- Features overheating protection
- Electromagnetic disk brake for a smooth and accurate stop without slippage
- 115V AC tubular motor with 4-wire pigtail

Radio Technology Motor (RTS Motor)

- Built-in radio receiver 3-wire pigtail allows for attachment of optional three-prong plug for plug-and-play operation
- 24V DC Quiet Motor— RTS and Standard available

Motorized Shade With Fascia & Blockout System

- Conceals shade mechanism from front and sides
- Blockout system with aluminum side and bottom channels, no light gaps
- Available in 3" or 4"

Dual Motorized Shade With Fascia

- Standard 7" fascia
- Two operating mechanisms on one bracket for an integrated look
- Unlimited number of combinations for different shade materials
- Optional fascia end plates

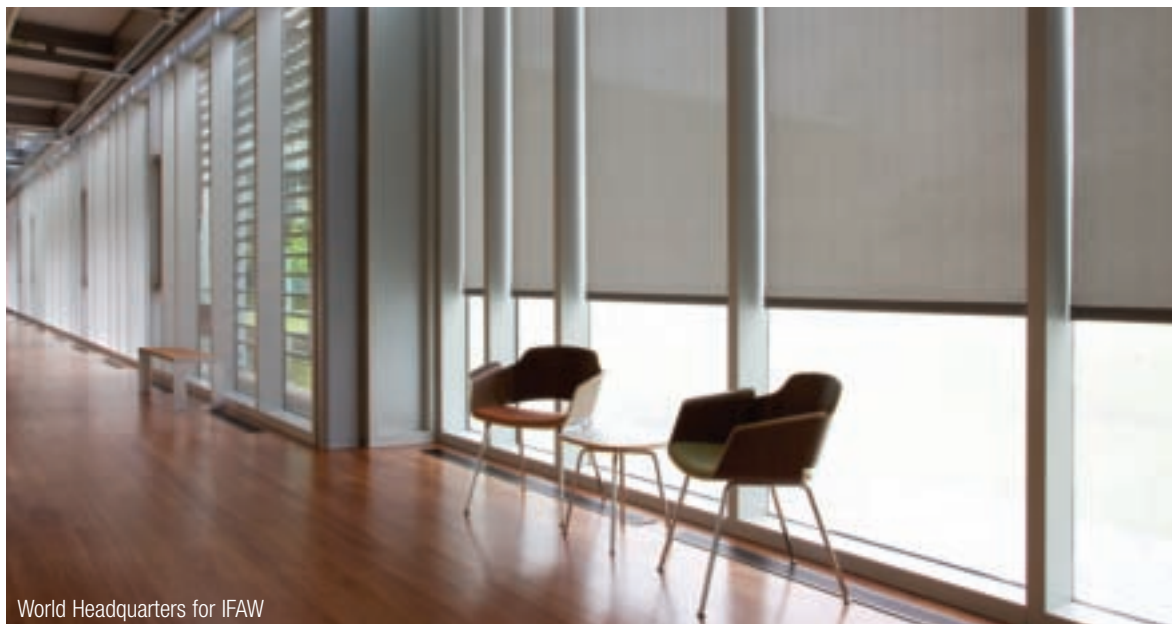
Motorized Coupled Shades With Fascia

- Two or more separate tube assemblies joined together by use of mechanical couplers, operated by one drive mechanism
- All shades operate in tandem
- Good option for reducing the total installed cost
- Simplifies programming and setup of the job

Controls

- A variety of controls, from simple switches to intelligent sun-tracking systems that incorporate sun sensors and integrate with building management
- Option to operate a group of shades with one switch, or operate individual shades separately

Project Gallery



World Headquarters for IFAW

RELATED PROJECTS LIST

Project: World Headquarters for IFAW
Yarmouth Port, MA
Architect: designLAB architects
Product: Roller Shades

Project: Hugueley Memorial Medical Center, Fort Worth, TX
Product: 400+ Manual Roller Shades, GlacierScreen™

Project: United Health Group, Minneapolis, MN
Product: Coupled Motorized Roller Shades, M Screen

Project: Mercedes Benz Dealer, Cutler Bay, FL
Product: 70 Roller Shades with fascia, E Screen

Project: Chipotle Corp. HQ, Denver, CO
Product: Coupled Motorized Roller Shades

Project: U.S. Citizenship and Immigration Services, Irving, TX
Architect: 4240 Architecture
Product: Manual and Motorized Roller Shades and CD 60
Aluminum Horizontal Blinds

Project: Hancock Bank Building, Gulfport, MS
Architect: Grace & Hebert Architects
Product: Manual Roller Shades

Project: Reflections at Bloomington Central,
Bloomington, MN
Architect: Elness Swenson Graham Architects with
architectsAlliance
Product: Motorized Roller Shades

Project: JPS Hospital, Fort Worth, TX
Product: 500+ Manual and Motorized Roller Shades

Project: Royal Caribbean, Springfield, OR
Architect: Workstage; Integrated Architects
Product: Roller Shades



Reflections at Bloomington Central



U.S. Citizenship & Immigration Services

ABOUT HUNTER DOUGLAS

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COMMITMENT TO SUSTAINABILITY

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FOR MORE INFORMATION

- 800.727.8953
- www.hunterdouglascontract.com/windowcoverings

FR Aluminum Horizontal Blinds



HunterDouglasContract

WINDOW COVERINGS

Hunter Douglas created the industry's first **Aluminum Horizontal Blinds**, and we keep finding ways to make them better. Our spring-tempered aluminum slats offer best-in-class resilience to withstand the toughest treatment. We offer an innovative range of finishes and dozens of colors, including our Thermostop[®], perforated, and mirror finishes.

2	SHADING STRATEGY
3	MOTORIZATION
4	BENEFITS
5	MODEL SELECTOR
6	MODEL CD
7	MODEL CL
8	MODEL CE
9	MODEL H2
10	DESIGN OPTIONS
12	PROJECT GALLERY





Front and inside cover: Pritzker Realty Group at Hyatt Center, Chicago, IL
Architect: Dirk Denison Architects
Product: FR Aluminum Horizontal Blinds



Hunter Douglas FR Aluminum Blinds help create environments that are comfortable, healthy, productive, and sustainable. Our products are constructed to minimize environmental impact while meeting the highest standards for industrial, institutional, and commercial applications.

A DAYLIGHT

Contact with the outdoors is a proven factor in employee productivity. Windows offer views and admit plenty of daylight. When tilted, horizontal blinds can reflect that light deeper into a space, spreading the benefits among more people and reducing dependence on artificial lighting.

B GLARE CONTROL

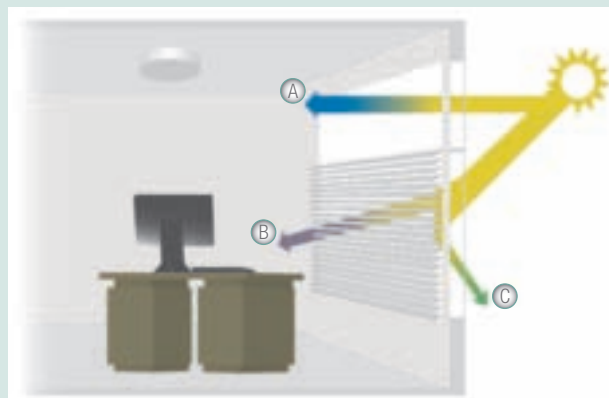
A range of slat spacings allows you to control how much light falls into a workspace, to eliminate glare and reflections. Perforation options help optimize use of natural light, ensuring visual comfort by reducing glare without blocking the view.

C MANAGEMENT OF THERMAL GAIN

Window coverings manage heat generated by the sun: when it is hot, they can be closed to minimize solar heat gain; when cold, they can be raised to allow solar heating.

AESTHETICS

Blinds filter daylight to create even, glare-free lighting levels within a space. They also ensure privacy and can provide a consistent look from the exterior of a building.



INDOOR AIR QUALITY

Poor air quality is a common source of employee concerns. All the components and slats in our blinds — including paints and other finishes — are certified for low emissions by the GREENGUARD Environmental Institute. Hunter Douglas FR Aluminum Blinds pass both the standard emissions and the stricter requirements for GREENGUARD Children and SchoolsSM certification.

Motorization



Hunter Douglas Contract provides flexible control of virtually any motorized product on projects of any size. Our state-of-the-art components can be mixed in a given installation without limitations. They offer advanced controls for the highest levels of function and reliability.

By responding to changing conditions, automated blinds deliver a number of important enhancements to building efficiency and performance:

DYNAMIC MANAGEMENT OF THERMAL GAIN

Intelligent automated systems can position blinds based on the orientation of the sun.

INCREASED ENERGY EFFICIENCY

Automated systems contribute to energy savings by managing the amount of light and heat that comes through the window. Using natural light instead of artificial lighting can lead to energy savings.

AESTHETICS

Automated blinds provide a uniform look to the exterior of a building.

CONVENIENCE

Motorized blinds provide greatly improved convenience for user operation, eliminating the need to manipulate cords or rods. In addition, automated shades can improve performance of the shading system as a whole, as studies show that most people do not open and close shades in response to changing conditions outside.

Benefits



Our Aluminum Horizontal Blinds offer best-in-class durability, excellent value, reliable performance, and a wide range of options for commercial and contract applications.

INNOVATIVE DURABILITY

Bounceback slats with heat-treated, spring-tempered aluminum for best-in-class durability.

RELIABLE HARDWARE

Durable operating systems and slats ensure consistent performance.

SUPERIOR LIGHT CONTROL

A range of tape spacings, perforated slats, and our de-Light™ feature allow you to specify any level of light control.

SUSTAINABLE CONSTRUCTION

Slats contain 95% recycled aluminum and are certified for low emissions by the GREENGUARD Environmental Institute and passes the stricter requirements of GREENGUARD Children and SchoolsSM.

ENERGY EFFICIENCY

Tilted blinds diminish dependence on artificial lighting, allowing light to reflect deeper into a space. Thermostop® coatings reduce heat transfer by 30%, contributing to significant energy savings.

UNMATCHED CUSTOMIZATION

Variety of aesthetic and performance options for any application.

LOW MAINTENANCE

Proprietary anti-static Dust Shield® finish and closed oval bottom rail inhibit dust buildup.

VERSATILE MOTORIZATION

Range of motorization and control options to maximize shading benefits.

COLORS AND FINISHES

Durable aluminum alloy slats are available in a wide selection of colors.

PRODUCT DETAILS

Standard features include box brackets, crash-proof cord lock, closed oval bottom rail, cord stop to single pull cord, and slip clutch tilters.

LIFETIME GUARANTEE

Model Selection

Aluminum horizontal blinds can be selected based on headrail dimensions, slat gauge, and tape spacing for individual projects.

Headrail

Headrail styles differ based on functionality and aesthetics – from the decorative beveled CD, to the industry-standard CL, heavy-duty CE and sturdy H2.

Slat Gauge

Heat treated, spring tempered aluminum slats are available in heavy-duty .008" gauge and industry standard .006" gauge.

Tape Spacing

Tape spacing options offer various levels of light control and view through.

Model Selector

MODEL	SLAT SIZE	TAPE SPACING
-------	-----------	--------------

CD 1" 1⅜" x 1⅜" Decorative Beveled Headrail

CD60	1" x .006"	20mm
CD62	1" x .006"	22mm
CD80	1" x .008"	20mm
CD82	1" x .008"	22mm
CD88	1" x .008"	18mm de-Light™

CL 1" 1" x 1" Industry Standard Headrail

CL62	1" x .006"	22mm
CL82	1" x .008"	22mm
CHM82	⅝" x .008"	12mm
CX80	1" x .008"	20mm

CE 1" 1" x 1½" Heavy Duty Headrail

CE60	1" x .006"	20mm
CE61	1" x .006"	22mm
CE80	1" x .008"	20mm
CE81	1" x .008"	22mm

H2 2" 1½" x 2¼" Sturdy Headrail

H200	2" x .008"	42mm Standard
H282	2" x .008"	42mm de-Light™
H2TN	2" x .008"	42mm School Blind



Model CD 1" Decorative Beveled Headrail



Superb design, excellent value, and resilient construction make CD blinds an ideal choice for many architects, specifiers, and designers. The attractive design of the beveled steel headrail eliminates the need for a separate valance. Model CD88 features heavy-duty 1" x .008" slats, as well as our highest level of light control with tape spacing at just 18mm and de-Light™ feature to eliminate light leakage through routing holes.

Product Details

- Headrail 1 3/8"
- Aluminum alloy slats, heat treated and spring tempered
- Slip clutch tilter
- Widths 10 1/2" – 144" *
- Heights to 144" **
- Braided Ladders: 100% polyester yarn color compatible with slats **
- Designer headrail (no valance needed)
- Box brackets
- Crash proof cord lock
- Closed oval bottom rail
- Cord stop to single pull cord

* Minimum widths between 8 1/2" IB (8" OB) & 10 1/2" available.
Surcharges and guarantee exclusions apply.

** Heights in excess of 144" available. Surcharges and guarantee exclusions apply.

Model Selector

MODEL	SLAT SIZE	TAPE SPACING	LIGHT CONTROL
CD60 1"	.006"	20 mm	Superior
CD62 1"	.006"	22 mm	Industry standard
CD80 1"	.008"	20 mm	Superior
CD82 1"	.008"	22 mm	Industry standard
CD88 1"	.008"	18 mm	Ultimate, de-Light™ feature

Design Options

Hidden brackets, limited tilt to control closure, motorization, perforated slat (.008" only).

Model CL 1" Industry Standard Headrail



A proven performer for contract and commercial applications, the CL aluminum horizontal blind is often specified as the industry standard. The sturdy 1" x 1" x .024" steel headrail accommodates narrow mounting depths. Model CX80 provides superior light control with 20mm tape spacing and heavy-duty 1" x .008" slats. With its 5/8" slats, the CHM82 micro aluminum horizontal blind offers a distinctly different look.

Product Details

- Headrail 1" x 1"
- Aluminum alloy slats, heat treated and spring tempered
- Slip clutch tilter
- Widths 10½" – 144" * (CHM82 TO 120")
- Heights to 144" ** (CHM82 to 108")
- Braided Ladders: 100% polyester yarn color compatible with slats **
- Box brackets
- Crash proof cord lock
- Closed oval bottom rail
- Cord stop to single pull cord

* Minimum widths between 8½" IB (8" OB) & 10½" available. Surcharges and guarantee exclusions apply.

** Heights in excess of 144" available. Surcharges and guarantee exclusions apply.

Model Selector

MODEL	SLAT SIZE	TAPE SPACING	LIGHT CONTROL
CL62 1"	.006"	20 mm	Industry standard
CL82 1"	.008"	22 mm	Industry standard
CHM82 5/8"	.008"	12 mm	Good
CX80 1"	.008"	20 mm	Superior Light Control

Design Options

Custom brackets with pivot plates, custom valance, limited tilt to control closure, perforated slat (.008" only), pocket bracket, two position cord lock with ring pull (right hand only).

Model CE 1" Heavy Duty Headrail



Ideal for larger installations, our CE aluminum horizontal blinds feature our sturdiest headrail for 1" blinds. The steel headrail measures 1" x 1½", offering extra durability for openings up to 144" x 144". This blind's distinctive look and solid hardware ensure years of reliable service without sacrificing aesthetics. Model CE80 provides superior light control with tighter 20mm tape spacing and heavy-duty 1" x .008" slats.

Product Details

- Headrail 1" x 1½"
- Aluminum alloy slats, heat treated and spring tempered
- Slip clutch tilter
- Widths 10½" – 144" *
- Heights to 144" **
- Braided Ladders: 100% polyester yarn color compatible with slats **
- Box brackets
- Crash proof cord lock
- Closed oval bottom rail
- Cord stop to single pull cord

* Minimum widths between 8½" IB (8" OB) & 10½" available. Surcharges and guarantee exclusions apply.

** Heights in excess of 144" available. Surcharges and guarantee exclusions apply.

Model Selector

MODEL	SLAT SIZE	TAPE SPACING	LIGHT CONTROL
CE60 1"	.006"	20 mm	Superior
CE61 1"	.006"	22 mm	Industry standard
CE80 1"	.008"	20 mm	Superior
CE81 1"	.008"	22 mm	Industry standard

Design Options

Custom valance, limited tilt to control closure, motorization, perforated slat (.008" only), pivot plates, two position cord lock with ring pull (right hand only).

Model H2 2" Sturdy Headrail



Offering maximum strength and retro styling, our H2 blinds give the traditional look of 2" slats. The H2TN (School Blind) is optimized for the design and durability requirements of academic institutions, with sturdy vinyl tapes, 2.2mm cords, and cord tilt. The blind features heavy-duty slats of .008" aluminum and a low-profile steel headrail measuring 1½" x 2¼" x .024". For details on shading benefits in schools go to www.hunterdouglascontract.com/education.

Product Details

- Headrail 1½" x 2¼"
- Aluminum alloy slats, heat treated and spring tempered
- Widths 10½" – 144" *
- Heights to 144" **
- Ladders tapes in vinyl, polyester or cloth
- Box brackets
- Crash proof cord lock
- Closed oval bottom rail
- Cord stop to single pull cord

* Minimum widths between 8½" IB (8" OB) & 10½" available. Surcharges and guarantee exclusions apply.

** Heights in excess of 144" available. Surcharges and guarantee exclusions apply.

Model Selector

MODEL	SLAT SIZE	TAPE SPACING	LIGHT CONTROL
H200 2"	.008"	42 mm	Superior
H2TN 2"	.008"	42 mm	Superior
H282 2"	.008"	42 mm	Ultimate, de-Light™ feature

Design Options

Custom valance, de-Light™ feature (H282), motorization.

Design Options

Hunter Douglas Contract aluminum blinds meet even the most demanding requirements of office, school, and commercial environments. Our blinds feature a wide range of design options to meet your needs.





Limited Tilt

Available on CL, CD
and CE blinds

- Maintains uniform look from exterior
- Reduces thermal stress in glass glazing systems
- Allows proper clutch-tilter operation to stop over-rotation, damage to blind
- Available in 60/60 degrees equal tilt



Pivot Plates

Available on CL and
CE blinds

- Eliminate the need to drill and screw directly into the mullion
- Allows headrail installation into recessed mullion cavity



Pocket Brackets

Available on CL blinds

- Hide brackets once mounted
- Specified for ceiling pockets without mullions
- Uses spring-loaded brackets



Perforated Slat

Available on CL, CD
and CE blinds

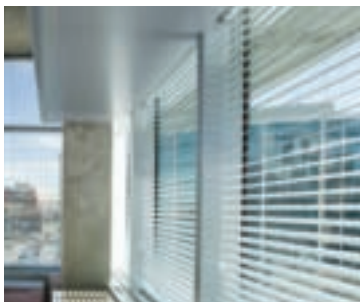
- Provide privacy while preserving an outside view
- Feature a 7% openness factor
- Available with all slat colors



Two-Position Cord Lock

Available on CL and
CE blinds

- Restricts blinds to only two settings – fully raised or fully lowered
- Assures uniform exterior appearance
- Eases window maintenance
- Includes ring-pull assembly



Motorization

Available on CD, CE,
and H2 blinds

- Reliable mechanisms
- Motors open, close, and tilt slats



EPA Region 8 Headquarters

RELATED PROJECTS LIST

Project: EPA Region 8 Headquarters, Denver, CO
 Architect: Zimmer Gunsul Frasca Architects LLP/Opus A&E, Inc.
 Product: H200 Aluminum Horizontal Blinds, Motorized and Vertical Blinds

Project: The Clare at Watertown, Chicago, IL
 Dealer: Indecor Inc.
 Product: CL62 FR Aluminum Horizontal Blinds

Project: The Metropolitan Midtown, Charlotte, NC
 Dealer: The Blind Man of North Carolina
 Product: CD80 FR Aluminum Horizontal Blinds

Project: Gianna
 Dealer: Drapery House
 Product: H200 FR Aluminum Horizontal Blinds

Project: Bel Air High School, Bel Air, MD
 Dealer: M & B Contract Specialties
 Product: CD80 FR Aluminum Horizontal Blinds

Project: Federal Reserve Bank, Kansas City, MO
 Dealer: Mike Bono
 Product: FR Aluminum Horizontal Blinds

Project: Great River Energy, Maple Grove, MN
 Dealer: Aero Drapery
 Product: FR Aluminum Horizontal Blinds, Perforated

Project: Opus Corporate Expansion, Minnetonka, MN
 Dealer: Custom Expression
 Product: CD 80 FR Aluminum Horizontal Blinds

Project: Pritzker Realty Group at Hyatt Center, Chicago, IL
 Architect: Dirk Denison Architects
 Product: FR Aluminum Horizontal Blinds

Project: Northeastern University, Boston, MA
 Dealer: Ver-Tex
 Product: CD80 FR Aluminum Horizontal Blinds

Project: U.S. Citizenship and Immigration Services, Irving, TX
 Architect: 4240 Architecture
 Product: Manual and Motorized Roller Shades and CD 60 FR Aluminum Horizontal Blinds



U.S. Citizenship & Immigration Services



Pritzker Realty Group at Hyatt Center, Chicago, IL

ABOUT HUNTER DOUGLAS

For the last 60 years, we have been fortunate enough to help turn countless innovative sketches into innovative buildings. Architects and designers from around the world have taken advantage of Hunter Douglas' unmatched project development, service, and support. Chances are, you have seen more of Hunter Douglas than you think. Just look around. With major operation centers in North America, Europe, Latin America, Asia and Australia, we've contributed to thousands of high-profile installations, from retail and commercial facilities to major transit centers and government buildings. Not only are the world's architects and designers our partners, they are our inspiration. As they continue to raise the bar for excellence, we're creating projects to bring their visions to life.

COMMITMENT TO SUSTAINABILITY

From products, to processes, to philanthropy, environmental responsibility is a core Hunter Douglas value. We are the worldwide leader in creating innovative, energy-efficient window fashions. Our commitment to minimizing our own impact on the environment includes aggressive plans to reduce energy consumption by 15%, water usage by 40%, and overall carbon emissions by 20% over a three-year period.

FOR MORE INFORMATION

- 800.727.8953
- www.hunterdouglascontract.com/windowcoverings

CD60 1" Aluminum Horizontal Blinds



Our Model CD60 aluminum blind provides superior light control with 20mm tape spacing and resilient 1" x .006" slats. The attractive design of the beveled steel headrail eliminates the need for a separate valance system.

KEY FEATURES

- 1 3/8" x 1 3/8" x .024" Headrail
- Heat-treated, spring-tempered aluminum slats
- Clutch tilter prevents over-rotation of slats
- Closed oval steel bottom rail provides optimal strength to prevent bowing
- Slats contain 95% recycled aluminum content and are GREENGUARD Indoor Air Quality Certified®
- Cord stop to single cord pull
- Lifetime Guarantee



125 Bright White	885 Flex White	110 Gloss White	001 Glacier White	127 Linen Flirt	981 Platinum Gray	974 Pearl
002 Alabaster	830 Almond	173 Eggshell	973 Antique White	268 Crème de la Crème	269 Chenille	270 Linen
350 Vanilla	205 Fawn	795 Surf	275 Blossom Mist	186 Beige	180 Dove Gray	820 Umber
064 Bronze	018 Satin Silver	748 Shadow Gray	318 Silver Cloud	276 Silverado	405 Gray Flannel	983 Graphite
048 Black	065 Brushed Aluminum	190 Bright Aluminum	413 Hunter Green			



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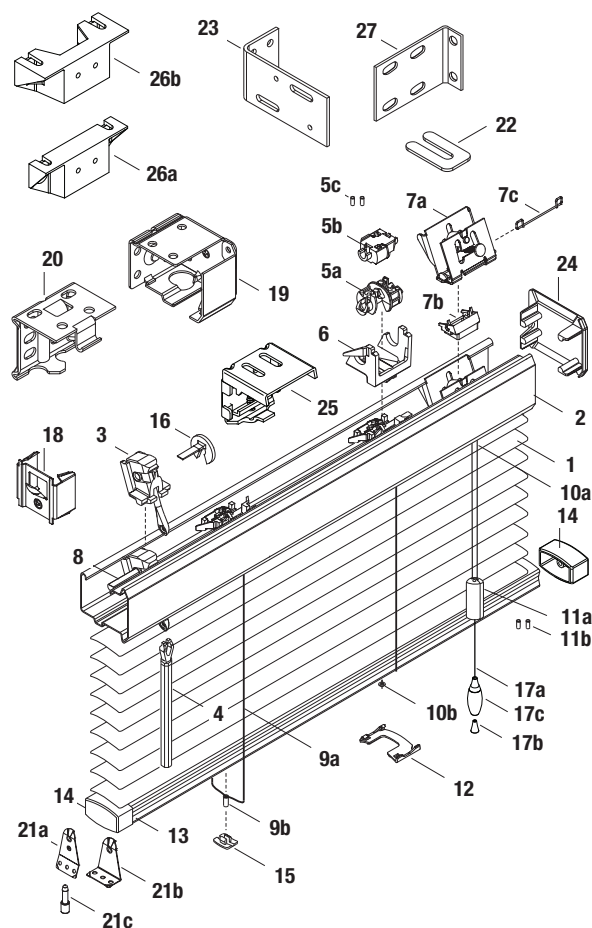
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WINDOW COVERINGS

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STANDARD COMPONENTS:

1. Slat
2. Headrail
3. Wand Tilter
4. Wand
- 5a. Tape Roll/Slot Type
- 5b. Tape Roll/Bead Type
- 5c. X-Tape Locator – Grommet
6. Tape Roll Support
- 7a. Cordlock
- 7b. Cordlock Adapter
- 7c. Lift Cord Separator
8. Tilt Rod
- 9a. Cable Tape Ladder
- 9b. Cable Tape Grommet
- 10a. Lift Cord
- 10b. Lift Cord Grommet
- 11a. Cord Stop
- 11b. Safety Tassel Grommet
12. Tape Spacer
13. Bottom Rail
14. Bottom Rail End Cap
15. Tape Button
16. Tilter Lock
- 17a. Lift Cord
- 17b. Conical Tassel Washer
- 17c. Tassel

Box Bracket Mounting:

18. Headrail End Lock
19. Box Installation Bracket
20. Intermediate Support Bracket

OPTIONAL COMPONENTS:

- 21a. Hold-Down Bracket (Jamb)
- 21b. Hold-Down Bracket (Sill)
- 21c. Hold-Down Pin
22. Bracket Shim

Box Bracket Mounting:

23. Extension Bracket

Gripper Bracket Mounting:

24. Headrail End Cap
25. Universal Gripper Bracket
- 26a. 1/2" Spacer (option)
- 26b. 7/8" Spacer (option)
27. End Mount Bracket (option)

PRODUCT SPECIFICATIONS

PART 2 – PRODUCTS

2.01 ACCEPTABLE MANUFACTURER

- A. Hunter Douglas Contract/ 12250 Parkway Centre Dr. / Poway, CA 92064/
Phone: 800-727-8953 Fax: 800-205-9819/ Website: www.hunterdouglascontract.com,
or architect approved equivalent. Contact the following for project assistance and
dealer referral @ 800-964-2580: (Mideast/Midwest) Keith Burgess ext. #827311,
(Southern/Central) Christopher Hagen ext. #827312, (Western/Mountain/Upper
Midwest) David Cover ext. #827313, (Northeast) Patrick LeClair ext. #827314.
- B. Product substitutions must be approved by architect minimum of 30 days prior to close of bid.

2.02 1" MINI HORIZONTAL ALUMINUM BLINDS

- A. **PRODUCT:** Hunter Douglas "CD60 1" Aluminum Blind"

B. MATERIALS:

1. **SLATS:** 1" wide x .006" thick, heat-treated and spring tempered (except 5000 series alloy on metallized finishes) aluminum alloy 6011 with eased corners and manufacturing burrs removed. Product to have a minimum of 95% pre-consumer recycled content. Furnish not less than nominal 15.2 slats per foot to ensure tight closure and light control. Finish with manufacturer's standard baked-on finish in colors selected by architect from manufacturer's available contract colors utilizing Dust Shield™ finish to inhibit dust build-up for easier maintenance.
2. **SLAT SUPPORT:** Braided ladders of 100% polyester yarn color compatible with slats and spacing of ladder no more than 20mm.
3. **HEADRAIL:** U-shaped profile with rolled edges, measuring 1 3/8" x 1 3/8" x .024" constructed of corrosion resistant steel and providing a sleek beveled edge valance-free design. Internally fit with components required for specified performance and designed for smooth, quiet, trouble-free operation. Headrail finish to be standard baked-on polyester and to match slats. Ends fitted with .024" steel end lock with adjustable tab for centering blinds.
4. **BOTTOM RAIL:** Steel, with corrosion-resistant finish formed with double-lock seam into closed oval shape for optimum beam and torsional strength. Ends fitted with color-coordinated engineered polymer caps. Color-coordinated engineered polymer

tape buttons secure the ladder and cord. Bottom Rail finish to be standard baked-on polyester color coordinated to slats.

5. **LIFTING MECHANISM:** Crashproof steel cordlocks with corrosion-resistant finish, two-ply polyester cord filler in braided polyester jacket lift cords, cord equalizers, cordlock adapter, and Cord Stop/Single Pull Cord. Located on either side of individual blind unit as per architect's request.
6. **TILTING MECHANISM:** Permanently lubricated die-cast worm and gear type tilter gear mechanism in fully enclosed housing with clutch action to protect ladder tapes from over rotation of the solid steel, corrosion resistant tilt rod.
7. **TILT CONTROL WAND:** Tubular shaped 7/16" diameter extruded clear plastic, ribbed for positive grip and detachable without tools. Located on either side of individual blind unit as per architect's request.
8. **MOUNTING HARDWARE:** Manufacturer's standard .042" steel box brackets with baked-on polyester finish to match headrail with additional support brackets for blinds over 60" wide.
9. **ADDITIONAL AVAILABLE OPTIONS:** Limited Tilt, Ring Pulls, Color Striping, 2 or 3 Blinds on 1 Headrail, Hidden Brackets, Side Channels (limited colors available), Hold Down Brackets, Cutouts.

2.03 FABRICATION

- A. Blind measurements shall be accurate to within + 1/8" or as recommended in writing by manufacturer.

2.04 FINISHES

- A. **SLAT** finish selection from the following: 001 Glacier White, 002 Alabaster, 018 Satin Silver, 048 Black, 064 Bronze, 065 Brushed Aluminum, 110 Gloss White, 125 Bright White, 127 Linen Flirt, 173 Eggshell, 180 Dove Gray, 186 Beige, 190 Bright Aluminum, 205 Fawn, 268 Crème de la Crème, 269 Chenille, 270 Linen, 275 Blossom Mist, 276 Silverado, 318 Silver Cloud, 350 Vanilla, 405 Gray Flannel, 413 Hunter Green, 748 Shadow Gray, 795 Surf, 820 Umber, 830 Almond, 885 Flex White, 973 Antique White, 974 Pearl, 981 Platinum Gray, 983 Graphite.
- B. **SLAT SUPPORT** braided ladders shall be color coordinated with slat

CD62 1" Aluminum Horizontal Blinds



Our Model CD62 aluminum blind provides good light control with 22mm tape spacing and resilient 1" x .006" slats. The CD62 also has a sturdy steel headrail that accommodates narrow mounting depths.

KEY FEATURES

- 1 3/8" x 1 3/8" x .024" Headrail
- Heat-treated, spring-tempered aluminum slats
- Clutch tilter prevents over-rotation of slats
- Closed oval steel bottom rail provides optimal strength to prevent bowing
- Slats contain 95% recycled aluminum content and are GREENGUARD Indoor Air Quality Certified®
- Cord stop to single cord pull
- Lifetime Guarantee



125 Bright White	885 Flex White	110 Gloss White	001 Glacier White	127 Linen Flirt	981 Platinum Gray	974 Pearl
002 Alabaster	830 Almond	173 Eggshell	973 Antique White	268 Crème de la Crème	269 Chenille	270 Linen
350 Vanilla	205 Fawn	795 Surf	275 Blossom Mist	186 Beige	180 Dove Gray	820 Umber
064 Bronze	018 Satin Silver	748 Shadow Gray	318 Silver Cloud	276 Silverado	405 Gray Flannel	983 Graphite
048 Black	065 Brushed Aluminum	190 Bright Aluminum	413 Hunter Green			



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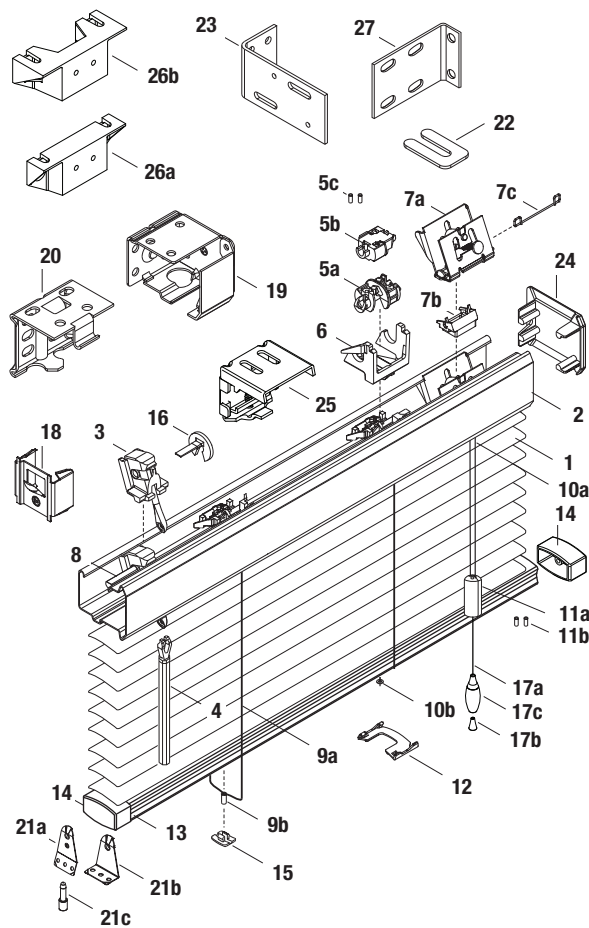
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STANDARD COMPONENTS:

1. Slat
2. Headrail
3. Wand Tilter
4. Wand
- 5a. Tape Roll/Slot Type
- 5b. Tape Roll/Bead Type
- 5c. X-Tape Locator – Grommet
6. Tape Roll Support
- 7a. Cordlock
- 7b. Cordlock Adapter
- 7c. Lift Cord Separator
8. Tilt Rod
- 9a. Cable Tape Ladder
- 9b. Cable Tape Grommet
- 10a. Lift Cord
- 10b. Lift Cord Grommet
- 11a. Cord Stop
- 11b. Safety Tassel Grommet
12. Tape Spacer
13. Bottom Rail
14. Bottom Rail End Cap
15. Tape Button
16. Tilter Lock
- 17a. Lift Cord
- 17b. Conical Tassel Washer
- 17c. Tassel

Box Bracket Mounting:

18. Headrail End Lock
19. Box Installation Bracket
20. Intermediate Support Bracket

OPTIONAL COMPONENTS:

- 21a. Hold-Down Bracket (Jamb)
- 21b. Hold-Down Bracket (Sill)
- 21c. Hold-Down Pin
22. Bracket Shim

Box Bracket Mounting:

23. Extension Bracket

Gripper Bracket Mounting:

24. Headrail End Cap
25. Universal Gripper Bracket
- 26a. 1/2" Spacer (option)
- 26b. 7/8" Spacer (option)
27. End Mount Bracket (option)

PRODUCT SPECIFICATIONS

PART 2 – PRODUCTS

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- A. Hunter Douglas Contract/ 12250 Parkway Centre Dr. / Poway, CA 92064/
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(Southern/Central) Christopher Hagen ext. #827312, (Western/Mountain/Upper
Midwest) David Cover ext. #827313, (Northeast) Patrick LeClair ext. #827314.
- B. Product substitutions must be approved by architect minimum of 30 days prior to close of bid.

2.02 1" MINI HORIZONTAL ALUMINUM BLINDS

- A. **PRODUCT:** Hunter Douglas "CD62 1" Aluminum Blind"

B. MATERIALS:

1. **SLATS:** 1" wide x .006", heat-treated and spring tempered (except 5000 series alloy on metallized finishes) aluminum alloy 6011 with eased corners and manufacturing burrs removed. Product to have a minimum of 95% pre-consumer recycled content. Furnish not less than nominal 13.8 slats per foot to ensure tight closure and light control. Finish with manufacturer's standard baked-on finish in colors selected by architect from manufacturer's available contract colors utilizing Dust Shield™ finish to inhibit dust build-up for easier maintenance.
2. **SLAT SUPPORT:** Braided ladders of 100% polyester yarn color compatible with slats and spacing of ladder no more than 22mm.
3. **HEADRAIL:** U-shaped profile with rolled edges, measuring 1 3/8" x 1 3/8" x .024" constructed of corrosion resistant steel and providing a sleek beveled edge valance-free design. Internally fit with components required for specified performance and designed for smooth, quiet, trouble-free operation. Headrail finish to be standard baked-on polyester and to match slats. Ends fitted with .024" steel end lock with adjustable tab for centering blinds.
4. **BOTTOM RAIL:** Steel, with corrosion-resistant finish formed with double-lock seam into closed oval shape for optimum beam and torsional strength. Ends fitted with color-coordinated engineered polymer caps. Color-coordinated engineered polymer

tape buttons secure the ladder and cord. Bottom Rail finish to be standard baked-on polyester color coordinated to slats.

5. **LIFTING MECHANISM:** Crashproof steel cordlocks with corrosion-resistant finish, two-ply polyester cord filler in braided polyester jacket lift cords, cord equalizers, cordlock adapter, and Cord Stop/Single Pull Cord. Located on either side of individual blind unit as per architect's request.
6. **TILTING MECHANISM:** Permanently lubricated die-cast worm and gear type tilter gear mechanism in fully enclosed housing with clutch action to protect ladder tapes from over rotation of the solid steel, corrosion resistant tilt rod.
7. **TILT CONTROL WAND:** Tubular shaped 7/16" diameter extruded clear plastic, ribbed for positive grip and detachable without tools. Located on either side of individual blind unit as per architect's request.
8. **MOUNTING HARDWARE:** Manufacturer's standard .042" steel box brackets with baked-on polyester finish to match headrail with additional support brackets for blinds over 60" wide.
9. **ADDITIONAL AVAILABLE OPTIONS:** Limited Tilt, Ring Pulls, Color Striping, 2 or 3 Blinds on 1 Headrail, Hidden Brackets, Side Channels (limited colors available), Hold Down Brackets, Cutouts.

2.03 FABRICATION

- A. Blind measurements shall be accurate to within + 1/8" or as recommended in writing by manufacturer.

2.04 FINISHES

- A. **SLAT** finish selection from the following: 001 Glacier White, 002 Alabaster, 018 Satin Silver, 048 Black, 064 Bronze, 065 Brushed Aluminum, 110 Gloss White, 125 Bright White, 127 Linen Flirt, 173 Eggshell, 180 Dove Gray, 186 Beige, 190 Bright Aluminum, 205 Fawn, 268 Crème de la Crème, 269 Chenille, 270 Linen, 275 Blossom Mist, 276 Silverado, 318 Silver Cloud, 350 Vanilla, 405 Gray Flannel, 413 Hunter Green, 748 Shadow Gray, 795 Surf, 820 Umber, 830 Almond, 885 Flex White, 973 Antique White, 974 Pearl, 981 Platinum Gray, 983 Graphite.

- B. **SLAT SUPPORT** braided ladders shall be color coordinated with slat

CD80 1" Aluminum Horizontal Blinds



Our Model CD80 aluminum blind provides superior light control with 20mm tape spacing and heavy-duty 1" x .008" slats. The attractive design of the beveled steel headrail eliminates the need for a separate valance system.

KEY FEATURES

- 1 3/8" x 1 3/8" x .024" Headrail
- Heat-treated, spring-tempered aluminum slats
- Clutch tilter prevents over-rotation of slats
- Closed oval steel bottom rail provides optimal strength to prevent bowing
- Slats contain 95% recycled aluminum content and are GREENGUARD Indoor Air Quality Certified®
- Cord stop to single cord pull
- Lifetime Guarantee



125 Bright White	885 Flex White	110 Gloss White	001 Glacier White	127 Linen Flirt	981 Platinum Gray	974 Pearl
002 Alabaster	830 Almond	173 Eggshell	973 Antique White	268 Crème de la Crème	269 Chenille	270 Linen
350 Vanilla	205 Fawn	795 Surf	275 Blossom Mist	186 Beige	180 Dove Gray	820 Umber
064 Bronze	018 Satin Silver	748 Shadow Gray	318 Silver Cloud	276 Silverado	405 Gray Flannel	983 Graphite
048 Black	065 Brushed Aluminum	190 Bright Aluminum	413 Hunter Green	262 Steel Wind Brushed	Perforated Slat*	

* Note: when ordering, please specify color #, color name



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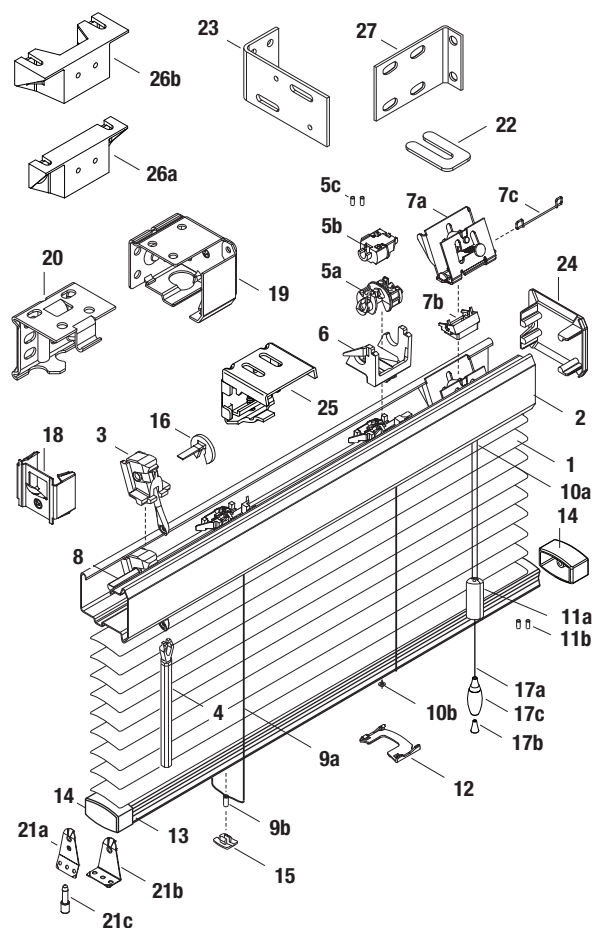
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STANDARD COMPONENTS:

1. Slat
2. Headrail
3. Wand Tilter
4. Wand
- 5a. Tape Roll/Slot Type
- 5b. Tape Roll/Bead Type
- 5c. X-Tape Locator – Grommet
6. Tape Roll Support
- 7a. Cordlock
- 7b. Cordlock Adapter
- 7c. Lift Cord Separator
8. Tilt Rod
- 9a. Cable Tape Ladder
- 9b. Cable Tape Grommet
- 10a. Lift Cord
- 10b. Lift Cord Grommet
- 11a. Cord Stop
- 11b. Safety Tassel Grommet
12. Tape Spacer
13. Bottom Rail
14. Bottom Rail End Cap
15. Tape Button
16. Tilter Lock
- 17a. Lift Cord
- 17b. Conical Tassel Washer
- 17c. Tassel

Box Bracket Mounting:

18. Headrail End Lock
19. Box Installation Bracket
20. Intermediate Support Bracket

OPTIONAL COMPONENTS:

- 21a. Hold-Down Bracket (Jamb)
- 21b. Hold-Down Bracket (Sill)
- 21c. Hold-Down Pin
22. Bracket Shim

Box Bracket Mounting:

23. Extension Bracket

Gripper Bracket Mounting:

24. Headrail End Cap
25. Universal Gripper Bracket
- 26a. 1/2" Spacer (option)
- 26b. 7/8" Spacer (option)
27. End Mount Bracket (option)

PRODUCT SPECIFICATIONS

PART 2 – PRODUCTS

2.01 ACCEPTABLE MANUFACTURER

- A. Hunter Douglas Contract/ 12250 Parkway Centre Dr. / Poway, CA 92064/
Phone: 800-727-8953 Fax: 800-205-9819/ Website: www.hunterdouglascontract.com,
or architect approved equivalent. Contact the following for project assistance and
dealer referral @ 800-964-2580: (Mideast/Midwest) Keith Burgess ext. #827311,
(Southern/Central) Christopher Hagen ext. #827312, (Western/Mountain/Upper
Midwest) David Cover ext. #827313, (Northeast) Patrick LeClair ext. #827314.
- B. Product substitutions must be approved by architect minimum of 30 days prior to close of bid.

2.02 1" MINI HORIZONTAL ALUMINUM BLINDS

A. PRODUCT: Hunter Douglas "CD80 1" Aluminum Blind"

B. MATERIALS:

1. **SLATS:** 1" wide x .008" thick, heat-treated and spring tempered (except 5000 series alloy on metallized finishes) aluminum alloy 6011 with eased corners and manufacturing burrs removed. Product to have a minimum of 95% pre-consumer recycled content. Furnish not less than nominal 15.2 slats per foot to ensure tight closure and light control. Finish with manufacturer's standard baked-on finish in colors selected by architect from manufacturer's available contract colors utilizing Dust Shield™ finish to inhibit dust build-up for easier maintenance.
2. **SLAT SUPPORT:** Braided ladders of 100% polyester yarn color compatible with slats and spacing of ladder no more than 20mm.
3. **HEADRAIL:** U-shaped profile with rolled edges, measuring 1 3/8" x 1 3/8" x .024" constructed of corrosion resistant steel and providing a sleek beveled edge valance-free design. Internally fit with components required for specified performance and designed for smooth, quiet, trouble-free operation. Headrail finish to be standard baked-on polyester and to match slats. Ends fitted with .024" steel end lock with adjustable tab for centering blinds.
4. **BOTTOM RAIL:** Steel, with corrosion-resistant finish formed with double-lock seam into closed oval shape for optimum beam and torsional strength. Ends fitted with color-coordinated engineered polymer caps. Color-coordinated engineered polymer

tape buttons secure the ladder and cord. Bottom Rail finish to be standard baked-on polyester color coordinated to slats.

5. **LIFTING MECHANISM:** Crashproof steel cordlocks with corrosion-resistant finish, two-ply polyester cord filler in braided polyester jacket lift cords, cord equalizers, cordlock adapter, and Cord Stop/Single Pull Cord. Located on either side of individual blind unit as per architect's request.
6. **TILTING MECHANISM:** Permanently lubricated die-cast worm and gear type tilter gear mechanism in fully enclosed housing with clutch action to protect ladder tapes from over rotation of the solid steel, corrosion resistant tilt rod.
7. **TILT CONTROL WAND:** Tubular shaped 7/16" diameter extruded clear plastic, ribbed for positive grip and detachable without tools. Located on either side of individual blind unit as per architect's request.
8. **MOUNTING HARDWARE:** Manufacturer's standard .042" steel box brackets with baked-on polyester finish to match headrail with additional support brackets for blinds over 60" wide.
9. **ADDITIONAL AVAILABLE OPTIONS:** Limited Tilt, Ring Pulls, Color Striping, 2 or 3 Blinds on 1 Headrail, Hidden Brackets, Side Channels (limited colors available), Hold Down Brackets, Cutouts, Perforated Slat.

2.03 FABRICATION

- A. Blind measurements shall be accurate to within + 1/8" or as recommended in writing by manufacturer.

2.04 FINISHES

- A. **SLAT** finish selection from the following: 001 Glacier White, 002 Alabaster, 018 Satin Silver, 048 Black, 064 Bronze, 065 Brushed Aluminum, 110 Gloss White, 125 Bright White, 127 Linen Flirt, 173 Eggshell, 180 Dove Gray, 186 Beige, 190 Bright Aluminum, 205 Fawn, 262 Steel Wind Brushed, 268 Crème de la Crème, 269 Chenille, 270 Linen, 275 Blossom Mist, 276 Silverado, 318 Silver Cloud, 350 Vanilla, 405 Gray Flannel, 413 Hunter Green, 748 Shadow Gray, 795 Surf, 820 Umber, 830 Almond, 885 Flex White, 973 Antique White, 974 Pearl, 981 Platinum Gray, 983 Graphite.
- B. **SLAT SUPPORT** braided ladders shall be color coordinated with slat

CD82 1" Aluminum Horizontal Blinds



Our Model CD82 aluminum blind provides superior light control with 22mm tape spacing and heavy-duty 1" x .008" slats. The attractive design of the beveled steel headrail eliminates the need for a separate valance system.

KEY FEATURES

- 1 3/8" x 1 3/8" x .024" Headrail
- Heat-treated, spring-tempered aluminum slats
- Clutch tilter prevents over-rotation of slats
- Closed oval steel bottom rail provides optimal strength to prevent bowing
- Slats contain 95% recycled aluminum content and are GREENGUARD Indoor Air Quality Certified®
- Cord stop to single cord pull
- Lifetime Guarantee



125 Bright White	885 Flex White	110 Gloss White	001 Glacier White	127 Linen Flirt	981 Platinum Gray	974 Pearl
002 Alabaster	830 Almond	173 Eggshell	973 Antique White	268 Crème de la Crème	269 Chenille	270 Linen
350 Vanilla	205 Fawn	795 Surf	275 Blossom Mist	186 Beige	180 Dove Gray	820 Umber
064 Bronze	018 Satin Silver	748 Shadow Gray	318 Silver Cloud	276 Silverado	405 Gray Flannel	983 Graphite
048 Black	065 Brushed Aluminum	190 Bright Aluminum	413 Hunter Green	262 Steel Wind Brushed	Perforated Slat*	

* Note: when ordering, please specify color #, color name



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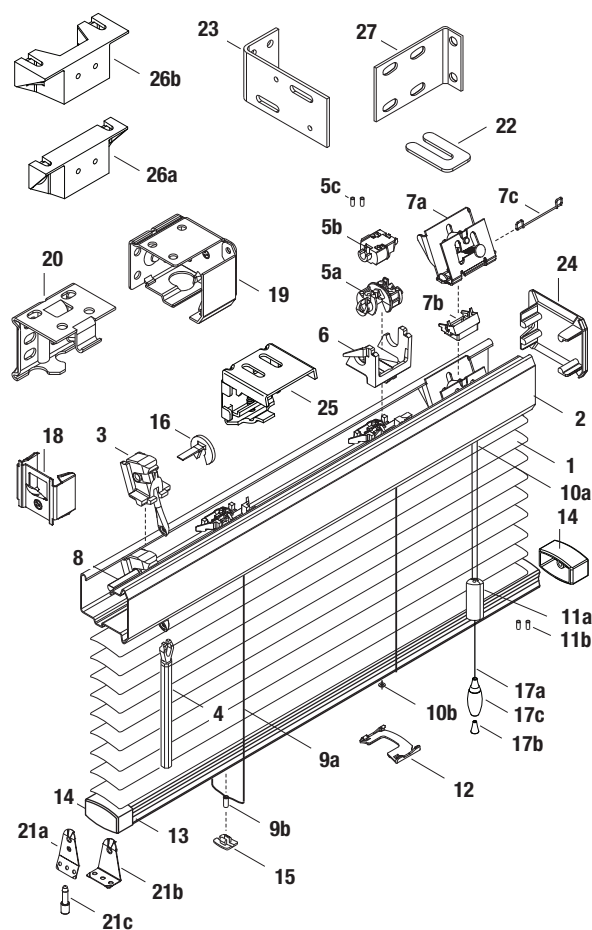
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STANDARD COMPONENTS:

1. Slat
2. Headrail
3. Wand Tilter
4. Wand
- 5a. Tape Roll/Slot Type
- 5b. Tape Roll/Bead Type
- 5c. X-Tape Locator – Grommet
6. Tape Roll Support
- 7a. Cordlock
- 7b. Cordlock Adapter
- 7c. Lift Cord Separator
8. Tilt Rod
- 9a. Cable Tape Ladder
- 9b. Cable Tape Grommet
- 10a. Lift Cord
- 10b. Lift Cord Grommet
- 11a. Cord Stop
- 11b. Safety Tassel Grommet
12. Tape Spacer
13. Bottom Rail
14. Bottom Rail End Cap
15. Tape Button
16. Tilter Lock
- 17a. Lift Cord
- 17b. Conical Tassel Washer
- 17c. Tassel

Box Bracket Mounting:

18. Headrail End Lock
19. Box Installation Bracket
20. Intermediate Support Bracket

OPTIONAL COMPONENTS:

- 21a. Hold-Down Bracket (Jamb)
- 21b. Hold-Down Bracket (Sill)
- 21c. Hold-Down Pin
22. Bracket Shim

Box Bracket Mounting:

23. Extension Bracket

Gripper Bracket Mounting:

24. Headrail End Cap
25. Universal Gripper Bracket
- 26a. 1/2" Spacer (option)
- 26b. 7/8" Spacer (option)
27. End Mount Bracket (option)

PRODUCT SPECIFICATIONS

PART 2 – PRODUCTS

2.01 ACCEPTABLE MANUFACTURER

- A. Hunter Douglas Contract/ 12250 Parkway Centre Dr. / Poway, CA 92064/
Phone: 800-727-8953 Fax: 800-205-9819/ Website: www.hunterdouglascontract.com,
or architect approved equivalent. Contact the following for project assistance and
dealer referral @ 800-964-2580: (Mideast/Midwest) Keith Burgess ext. #827311,
(Southern/Central) Christopher Hagen ext. #827312, (Western/Mountain/Upper
Midwest) David Cover ext. #827313, (Northeast) Patrick LeClair ext. #827314.
- B. Product substitutions must be approved by architect minimum of 30 days prior to close of bid.

2.02 1" MINI HORIZONTAL ALUMINUM BLINDS

- A. **PRODUCT:** Hunter Douglas "CD82 1" Aluminum Blind"

B. MATERIALS:

1. **SLATS:** 1" wide x .008" thick, heat-treated and spring tempered (except 5000 series alloy on metallized finishes) aluminum alloy 6011 with eased corners and manufacturing burrs removed. Product to have a minimum of 95% pre-consumer recycled content. Furnish not less than nominal 15.2 slats per foot to ensure tight closure and light control. Finish with manufacturer's standard baked-on finish in colors selected by architect from manufacturer's available contract colors utilizing Dust Shield™ finish to inhibit dust build-up for easier maintenance.
2. **SLAT SUPPORT:** Braided ladders of 100% polyester yarn color compatible with slats and spacing of ladder no more than 20mm.
3. **HEADRAIL:** U-shaped profile with rolled edges, measuring 1 3/8" x 1 3/8" x .024" constructed of corrosion resistant steel and providing a sleek beveled edge valance-free design. Internally fit with components required for specified performance and designed for smooth, quiet, trouble-free operation. Headrail finish to be standard baked-on polyester and to match slats. Ends fitted with .024" steel end lock with adjustable tab for centering blinds.
4. **BOTTOM RAIL:** Steel, with corrosion-resistant finish formed with double-lock seam into closed oval shape for optimum beam and torsional strength. Ends fitted with color-coordinated engineered polymer caps. Color-coordinated engineered polymer

tape buttons secure the ladder and cord. Bottom Rail finish to be standard baked-on polyester color coordinated to slats.

5. **LIFTING MECHANISM:** Crashproof steel cordlocks with corrosion-resistant finish, two-ply polyester cord filler in braided polyester jacket lift cords, cord equalizers, cordlock adapter, and Cord Stop/Single Pull Cord. Located on either side of individual blind unit as per architect's request.
6. **TILTING MECHANISM:** Permanently lubricated die-cast worm and gear type tilter gear mechanism in fully enclosed housing with clutch action to protect ladder tapes from over rotation of the solid steel, corrosion resistant tilt rod.
7. **TILT CONTROL WAND:** Tubular shaped 7/16" diameter extruded clear plastic, ribbed for positive grip and detachable without tools. Located on either side of individual blind unit as per architect's request.
8. **MOUNTING HARDWARE:** Manufacturer's standard .042" steel box brackets with baked-on polyester finish to match headrail with additional support brackets for blinds over 60" wide.
9. **ADDITIONAL AVAILABLE OPTIONS:** Limited Tilt, Ring Pulls, Color Striping, 2 or 3 Blinds on 1 Headrail, Hidden Brackets, Side Channels (limited colors available), Hold Down Brackets, Cutouts, Perforated Slat.

2.03 FABRICATION

- A. Blind measurements shall be accurate to within + 1/8" or as recommended in writing by manufacturer.

2.04 FINISHES

- A. **SLAT** finish selection from the following: 001 Glacier White, 002 Alabaster, 018 Satin Silver, 048 Black, 064 Bronze, 065 Brushed Aluminum, 110 Gloss White, 125 Bright White, 127 Linen Flirt, 173 Eggshell, 180 Dove Gray, 186 Beige, 190 Bright Aluminum, 205 Fawn, 262 Steel Wind Brushed, 268 Crème de la Crème, 269 Chenille, 270 Linen, 275 Blossom Mist, 276 Silverado, 318 Silver Cloud, 350 Vanilla, 405 Gray Flannel, 413 Hunter Green, 748 Shadow Gray, 795 Surf, 820 Umber, 830 Almond, 885 Flex White, 973 Antique White, 974 Pearl, 981 Platinum Gray, 983 Graphite.

- B. **SLAT SUPPORT** braided ladders shall be color coordinated with slat

CD88 1" Aluminum Horizontal Blinds



Our Model CD88 aluminum blind provides the highest level of light control with 18mm tape spacing and de-Light™ feature to eliminate light leakage through routing holes. The attractive design of the beveled steel headrail eliminates the need for a separate valance system.

KEY FEATURES

- 1 3/8" x 1 3/8" x .024" Headrail
- Heat-treated, spring-tempered aluminum slats
- Clutch tilter prevents over-rotation of slats
- Closed oval steel bottom rail provides optimal strength to prevent bowing
- Slats contain 95% recycled aluminum content and are GREENGUARD Indoor Air Quality Certified®
- Cord stop to single cord pull
- Lifetime Guarantee



125 Bright White	885 Flex White	110 Gloss White	001 Glacier White	127 Linen Flirt	981 Platinum Gray	974 Pearl
002 Alabaster	830 Almond	173 Eggshell	973 Antique White	268 Crème de la Crème	269 Chenille	270 Linen
350 Vanilla	205 Fawn	795 Surf	275 Blossom Mist	186 Beige	180 Dove Gray	820 Umber
064 Bronze	018 Satin Silver	748 Shadow Gray	318 Silver Cloud	276 Silverado	405 Gray Flannel	983 Graphite
048 Black	065 Brushed Aluminum	190 Bright Aluminum	413 Hunter Green	262 Steel Wind Brushed		



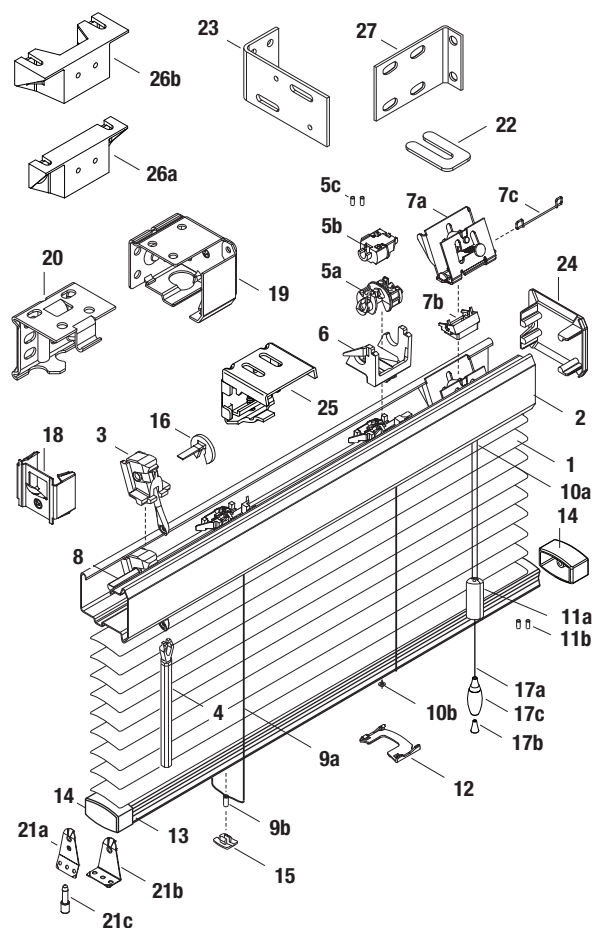
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STANDARD COMPONENTS:

1. Slat
2. Headrail
3. Wand Tilter
4. Wand
- 5a. Tape Roll/Slot Type
- 5b. Tape Roll/Bead Type
- 5c. X-Tape Locator – Grommet
6. Tape Roll Support
- 7a. Cordlock
- 7b. Cordlock Adapter
- 7c. Lift Cord Separator
8. Tilt Rod
- 9a. Cable Tape Ladder
- 9b. Cable Tape Grommet
- 10a. Lift Cord
- 10b. Lift Cord Grommet
- 11a. Cord Stop
- 11b. Safety Tassel Grommet
12. Tape Spacer
13. Bottom Rail
14. Bottom Rail End Cap
15. Tape Button
16. Tilter Lock
- 17a. Lift Cord
- 17b. Conical Tassel Washer
- 17c. Tassel

Box Bracket Mounting:

18. Headrail End Lock
19. Box Installation Bracket
20. Intermediate Support Bracket

OPTIONAL COMPONENTS:

- 21a. Hold-Down Bracket (Jamb)
- 21b. Hold-Down Bracket (Sill)
- 21c. Hold-Down Pin
22. Bracket Shim

Box Bracket Mounting:

23. Extension Bracket

Gripper Bracket Mounting:

24. Headrail End Cap
25. Universal Gripper Bracket
- 26a. 1/2" Spacer (option)
- 26b. 7/8" Spacer (option)
27. End Mount Bracket (option)

PRODUCT SPECIFICATIONS

PART 2 – PRODUCTS

2.01 ACCEPTABLE MANUFACTURER

- A. Hunter Douglas Contract/ 12250 Parkway Centre Dr. / Poway, CA 92064/
Phone: 800-727-8953 Fax: 800-205-9819/ Website: www.hunterdouglascontract.com,
or architect approved equivalent. Contact the following for project assistance and
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(Southern/Central) Christopher Hagen ext. #827312, (Western/Mountain/Upper
Midwest) David Cover ext. #827313, (Northeast) Patrick LeClair ext. #827314.
- B. Product substitutions must be approved by architect minimum of 30 days prior to close of bid.

2.02 1" MINI HORIZONTAL ALUMINUM BLINDS

- A. **PRODUCT:** Hunter Douglas "CD88 1" Aluminum Blind"

B. MATERIALS:

1. **SLATS:** 1" wide x .008" thick, heat-treated and spring tempered (except 5000 series alloy on metallized finishes) aluminum alloy 6011 with eased corners and manufacturing burrs removed. Product to have a minimum of 95% pre-consumer recycled content. Furnish not less than nominal 16.7 slats per foot routed on back edge (de-Light™ feature) to ensure superior closure and light control. Finish with manufacturer's standard baked-on finish in colors selected by architect from manufacturer's available contract colors utilizing Dust Shield™ finish to inhibit dust build-up for easier maintenance.
2. **SLAT SUPPORT:** Braided ladders of 100% polyester yarn color compatible with slats and spacing of ladder no more than 18mm.
3. **HEADRAIL:** U-shaped profile with rolled edges, measuring 1 3/8" x 1 3/8" x .024" constructed of corrosion resistant steel and providing a sleek beveled edge valance-free design. Internally fit with components required for specified performance and designed for smooth, quiet, trouble-free operation. Headrail finish to be standard baked-on polyester and to match slats. Ends fitted with .024" steel end lock with adjustable tab for centering blinds.
4. **BOTTOM RAIL:** Steel, with corrosion-resistant finish formed with double-lock seam into closed oval shape for optimum beam and torsional strength. Ends fitted with color-coordinated engineered polymer caps. Color-coordinated engineered polymer

tape buttons secure the ladder and cord. Bottom Rail finish to be standard baked-on polyester color coordinated to slats.

5. **LIFTING MECHANISM:** Crashproof steel cordlocks with corrosion-resistant finish, two-ply polyester cord filler in braided polyester jacket lift cords, cord equalizers, cordlock adapter, and Cord Stop/Single Pull Cord. Located on either side of individual blind unit as per architect's request.
6. **TILTING MECHANISM:** Permanently lubricated die-cast worm and gear type tilter gear mechanism in fully enclosed housing with clutch action to protect ladder tapes from over rotation of the solid steel, corrosion resistant tilt rod.
7. **TILT CONTROL WAND:** Tubular shaped 7/16" diameter extruded clear plastic, ribbed for positive grip and detachable without tools. Located on either side of individual blind unit as per architect's request.
8. **MOUNTING HARDWARE:** Manufacturer's standard .042" steel box brackets with baked-on polyester finish to match headrail with additional support brackets for blinds over 60" wide.
9. **ADDITIONAL AVAILABLE OPTIONS:** Limited Tilt, Ring Pulls, Color Striping, 2 or 3 Blinds on 1 Headrail, Hidden Brackets, Side Channels (limited colors available), Hold Down Brackets, Cutouts.

2.03 FABRICATION

- A. Blind measurements shall be accurate to within + 1/8" or as recommended in writing by manufacturer.

2.04 FINISHES

- A. **SLAT** finish selection from the following: 001 Glacier White, 002 Alabaster, 018 Satin Silver, 048 Black, 064 Bronze, 065 Brushed Aluminum, 110 Gloss White, 125 Bright White, 127 Linen Flirt, 173 Eggshell, 180 Dove Gray, 186 Beige, 190 Bright Aluminum, 205 Fawn, 262 Steel Wind Brushed, 268 Crème de la Crème, 269 Chenille, 270 Linen, 275 Blossom Mist, 276 Silverado, 318 Silver Cloud, 350 Vanilla, 405 Gray Flannel, 413 Hunter Green, 748 Shadow Gray, 795 Surf, 820 Umber, 830 Almond, 885 Flex White, 973 Antique White, 974 Pearl, 981 Platinum Gray, 983 Graphite.

- B. **SLAT SUPPORT** braided ladders shall be color coordinated with slat

CL62 1" Aluminum Horizontal Blinds



Our Model CL62 aluminum blind provides good light control with 22mm tape spacing and resilient 1" x .006" slats. The sturdy steel headrail accommodates narrow mounting depths.

KEY FEATURES

- 1" x 1" x .024" Headrail
- Heat-treated, spring-tempered aluminum slats
- Clutch tilter prevents over-rotation of slats
- Closed oval steel bottom rail provides optimal strength to prevent bowing
- Slats contain 95% recycled aluminum content and are GREENGUARD Indoor Air Quality Certified®
- Cord stop to single cord pull
- Lifetime Guarantee



125 Bright White	885 Flex White	110 Gloss White	001 Glacier White	127 Linen Flirt	981 Platinum Gray	974 Pearl
002 Alabaster	830 Almond	173 Eggshell	973 Antique White	268 Crème de la Crème	269 Chenille	270 Linen
350 Vanilla	205 Fawn	795 Surf	275 Blossom Mist	186 Beige	180 Dove Gray	820 Umber
064 Bronze	018 Satin Silver	748 Shadow Gray	318 Silver Cloud	276 Silverado	405 Gray Flannel	983 Graphite
048 Black	065 Brushed Aluminum	190 Bright Aluminum	413 Hunter Green			



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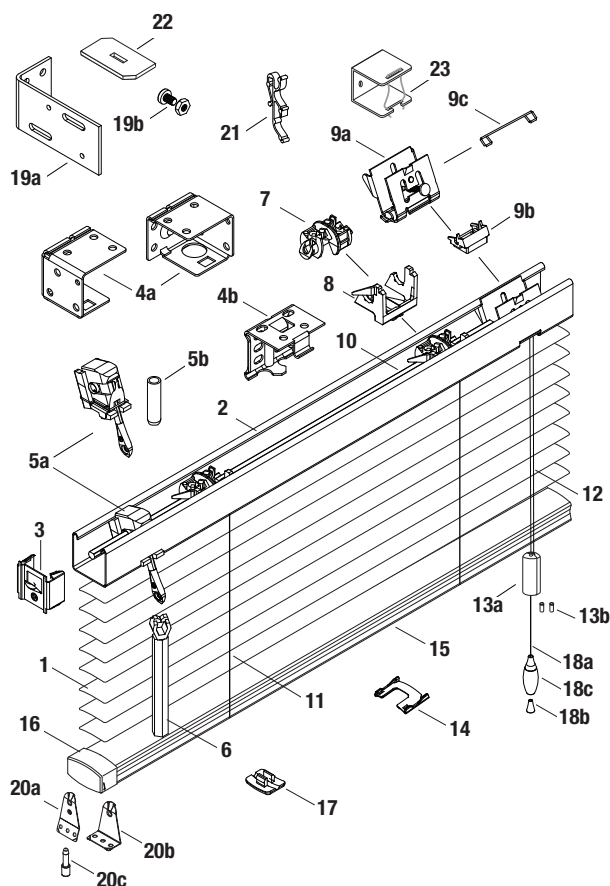
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STANDARD COMPONENTS:

1. Slat
2. Headrail
3. End Lock
- 4a. Box Installation Bracket
- 4b. Intermediate Support Bracket
- 5a. Wand Tilter
- 5b. Tilter Protector
6. Wand
7. Tape Roll
8. Tape Roll Support
- 9a. Cordlock Snap-In
- 9b. Cordlock Adapter
- 9c. Separator Snap-In
10. Tilt Rod
11. Cable Tape Ladder
12. Lift Cord 1.4mm
- 13a. Cord Stop
- 13b. Safety Tassel Grommet
14. Tape Spacer
15. Bottom Rail
16. Bottom Rail End Cap
17. Tape Button
- 18a. Lift Cord
- 18b. Conical Tassel Washer
- 18c. Tassel

OPTIONAL COMPONENTS:

- 19a. Extension Bracket
- 19b. Extension Bracket Screw and Nut
- 20a. Hold-Down Bracket (Jamb)
- 20b. Hold-Down Bracket (Sill)
- 20c. Hold-Down Pin
21. Valance Clip
22. Pivot Plate
23. Pocket Bracket

PRODUCT SPECIFICATIONS

PART 2 – PRODUCTS

2.01 ACCEPTABLE MANUFACTURER

- A. Hunter Douglas Contract/ 12250 Parkway Centre Dr. / Poway, CA 92064/
Phone: 800-727-8953 Fax: 800-205-9819/ Website: www.hunterdouglascontract.com,
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(Southern/Central) Christopher Hagen ext. #827312, (Western/Mountain/Upper
Midwest) David Cover ext. #827313, (Northeast) Patrick LeClair ext. #827314.
- B. Product substitutions must be approved by architect minimum of 30 days prior to close of bid.

2.02 1" MINI HORIZONTAL ALUMINUM BLINDS

- A. **PRODUCT:** Hunter Douglas "CL62 1" Mini Aluminum Blind"

B. MATERIALS:

1. **SLATS:** 1" wide x .006" thick, heat-treated and spring tempered (except 5000 series alloy on metallized finishes) aluminum alloy 6011 with eased corners and manufacturing burrs removed. Product to have a minimum of 95% pre-consumer recycled content. Furnish not less than nominal 13.8 slats per foot to ensure tight closure and light control. Finish with manufacturer's standard baked-on finish in colors selected by architect from manufacturer's available contract colors utilizing Dust Shield™ finish to inhibit dust build-up for easier maintenance.
2. **SLAT SUPPORT:** Braided ladders of 100% polyester yarn color compatible with slats and spacing of ladder no more than 22mm.
3. **HEADRAIL:** U-shaped profile with rolled edges, measuring 1" x 1" x .024" constructed of corrosion resistant steel. Internally fit with components required for specified performance and designed for smooth, quiet, trouble-free operation. Headrail finish to be standard baked-on polyester and to match slats. Ends fitted with .024" steel end lock with adjustable tab for centering blinds.
4. **BOTTOM RAIL:** Steel, with corrosion-resistant finish formed with double-lock seam into closed oval shape for optimum beam and torsional strength. Ends fitted with color-coordinated engineered polymer caps. Color-coordinated engineered polymer tape buttons secure the ladder and cord. Bottom Rail finish to be standard baked-on polyester color coordinated to slats.

5. **LIFTING MECHANISM:** Crashproof cordlock in engineering polymer housing with nickel-plate die-cast bearing surface and brass locking clips, two-ply polyester cord filler in braided polyester jacket lift cords, cord equalizers, cordlock adapter, and Cord Stop/Single Pull Cord. Located on either side of individual blind unit as per architect's request.
6. **TILTING MECHANISM:** Permanently lubricated die-cast worm and gear type tilter gear mechanism in fully enclosed housing with clutch action to protect ladder tapes from over rotation of the solid steel, corrosion resistant tilt rod.
7. **TILT CONTROL WAND:** Tubular construction 9/32" diameter extruded clear acrylic hexagonal, and detachable without tools. Located on either side of individual blind unit as per architect's request.
8. **MOUNTING HARDWARE:** Manufacturer's standard .040" steel box brackets with baked-on polyester finish to match headrail with additional support brackets for blinds over 60" wide.
9. **ADDITIONAL AVAILABLE OPTIONS:** Limited Tilt, Ring Pulls, Pivot Plates, Pocket Brackets, Two-Position Cord Lock, Color Striping, 2 or 3 Blinds on 1 Headrail, Valance, Side Channels (limited colors available), Hold Down Brackets, Cutouts.

2.03 FABRICATION

- A. Blind measurements shall be accurate to within + 1/8" or as recommended in writing by manufacturer.

2.04 FINISHES

- A. **SLAT** finish selection from the following: 001 Glacier White, 002 Alabaster, 018 Satin Silver, 048 Black, 064 Bronze, 065 Brushed Aluminum, 110 Gloss White, 125 Bright White, 127 Linen Flirt, 173 Eggshell, 180 Dove Gray, 186 Beige, 190 Bright Aluminum, 205 Fawn, 268 Crème de la Crème, 269 Chenille, 270 Linen, 275 Blossom Mist, 276 Silverado, 318 Silver Cloud, 350 Vanilla, 405 Gray Flannel, 413 Hunter Green, 748 Shadow Gray, 795 Surf, 820 Umber, 830 Almond, 885 Flex White, 973 Antique White, 974 Pearl, 981 Platinum Gray, 983 Graphite.
- B. **SLAT SUPPORT** braided ladders shall be color coordinated with slat

CL82 1" Aluminum Horizontal Blinds



Our Model CL82 aluminum blind provides good light control with 22mm tape spacing and heavy-duty 1" x .008" slats. The sturdy steel headrail accommodates narrow mounting depths.

KEY FEATURES

- 1" x 1" x .024" Headrail
- Heat-treated, spring-tempered aluminum slats
- Clutch tilter prevents over-rotation of slats
- Closed oval steel bottom rail provides optimal strength to prevent bowing
- Slats contain 95% recycled aluminum content and are GREENGUARD Indoor Air Quality Certified®
- Cord stop to single cord pull
- Lifetime Guarantee



						
125 Bright White	885 Flex White	110 Gloss White	001 Glacier White	127 Linen Flirt	981 Platinum Gray	974 Pearl
						
002 Alabaster	830 Almond	173 Eggshell	973 Antique White	268 Crème de la Crème	269 Chenille	270 Linen
						
350 Vanilla	205 Fawn	795 Surf	275 Blossom Mist	186 Beige	180 Dove Gray	820 Umber
						
064 Bronze	018 Satin Silver	748 Shadow Gray	318 Silver Cloud	276 Silverado	405 Gray Flannel	983 Graphite
						
048 Black	065 Brushed Aluminum	190 Bright Aluminum	413 Hunter Green	262 Steel Wind Brushed	Perforated Slat*	

* Note: when ordering, please specify color #, color name



C O N S 0 9 C L 8 2

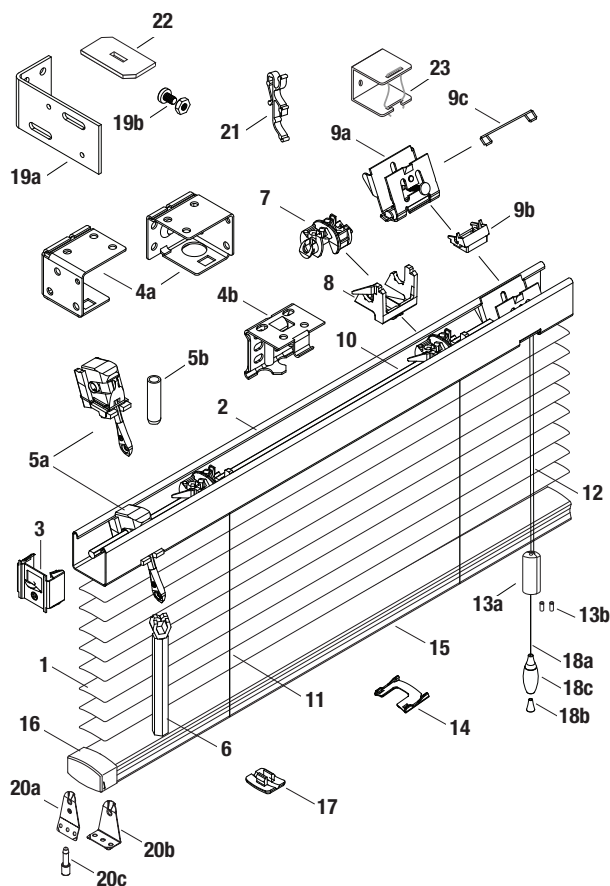
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STANDARD COMPONENTS:

1. Slat
2. Headrail
3. End Lock
- 4a. Box Installation Bracket
- 4b. Intermediate Support Bracket
- 5a. Wand Tilter
- 5b. Tilter Protector
6. Wand
7. Tape Roll
8. Tape Roll Support
- 9a. Cordlock Snap-In
- 9b. Cordlock Adapter
- 9c. Separator Snap-In
10. Tilt Rod
11. Cable Tape Ladder
12. Lift Cord 1.4mm
- 13a. Cord Stop
- 13b. Safety Tassel Grommet
14. Tape Spacer
15. Bottom Rail
16. Bottom Rail End Cap
17. Tape Button
- 18a. Lift Cord
- 18b. Conical Tassel Washer
- 18c. Tassel

OPTIONAL COMPONENTS:

- 19a. Extension Bracket
- 19b. Extension Bracket Screw and Nut
- 20a. Hold-Down Bracket (Jamb)
- 20b. Hold-Down Bracket (Sill)
- 20c. Hold-Down Pin
21. Valance Clip
22. Pivot Plate
23. Pocket Bracket

PRODUCT SPECIFICATIONS

PART 2 – PRODUCTS

2.01 ACCEPTABLE MANUFACTURER

- A. Hunter Douglas Contract/ 12250 Parkway Centre Dr. / Poway, CA 92064/
Phone: 800-727-8953 Fax: 800-205-9819/ Website: www.hunterdouglascontract.com,
or architect approved equivalent. Contact the following for project assistance and
dealer referral @ 800-964-2580: (Midwest/Midwest) Keith Burgess ext. #827311,
(Southern/Central) Christopher Hagen ext. #827312, (Western/Mountain/Upper
Midwest) David Cover ext. #827313, (Northeast) Patrick LeClair ext. #827314.
- B. Product substitutions must be approved by architect minimum of 30 days prior to close of bid.

2.02 1" MINI HORIZONTAL ALUMINUM BLINDS

- A. **PRODUCT:** Hunter Douglas "CL82 1" Aluminum Blind"

B. MATERIALS:

1. **SLATS:** 1" wide x .008" thick, heat-treated and spring tempered (except 5000 series alloy on metallized finishes) aluminum alloy 6011 with eased corners and manufacturing burrs removed. Product to have a minimum of 95% pre-consumer recycled content. Furnish not less than nominal 13.8 slats per foot to ensure tight closure and light control. Finish with manufacturer's standard baked-on finish in colors selected by architect from manufacturer's available contract colors utilizing Dust Shield™ finish to inhibit dust build-up for easier maintenance.
2. **SLAT SUPPORT:** Braided ladders of 100% polyester yarn color compatible with slats and spacing of ladder no more than 22mm.
3. **HEADRAIL:** U-shaped profile with rolled edges, measuring 1" x 1" x .024" constructed of corrosion resistant steel. Internally fit with components required for specified performance and designed for smooth, quiet, trouble-free operation. Headrail finish to be standard baked-on polyester and to match slats. Ends fitted with .024" steel end lock with adjustable tab for centering blinds.
4. **BOTTOM RAIL:** Steel, with corrosion-resistant finish formed with double-lock seam into closed oval shape for optimum beam and torsional strength. Ends fitted with color-coordinated engineered polymer caps. Color-coordinated engineered polymer tape buttons secure the ladder and cord. Bottom Rail finish to be standard baked-on polyester color coordinated to slats.

5. **LIFTING MECHANISM:** Crashproof cordlock in engineering polymer housing with nickel-plate die-cast bearing surface and brass locking clips, two-ply polyester cord filler in braided polyester jacket lift cords, cord equalizers, cordlock adapter, and Cord Stop/Single Pull Cord. Located on either side of individual blind unit as per architect's request.
6. **TILTING MECHANISM:** Permanently lubricated die-cast worm and gear type tilter gear mechanism in fully enclosed housing with clutch action to protect ladder tapes from over rotation of the solid steel, corrosion resistant tilt rod.
7. **TILT CONTROL WAND:** Tubular construction 9/32" diameter extruded clear acrylic hexagonal, and detachable without tools. Located on either side of individual blind unit as per architect's request.
8. **MOUNTING HARDWARE:** Manufacturer's standard .040" steel box brackets with baked-on polyester finish to match headrail with additional support brackets for blinds over 60" wide.
9. **ADDITIONAL AVAILABLE OPTIONS:** Limited Tilt, Ring Pulls, Pivot Plates, Pocket Brackets, Two-Position Cord Lock, Color Striping, 2 or 3 Blinds on 1 Headrail, Valance, Side Channels (limited colors available), Hold Down Brackets, Cutouts, Perforated Slat.

2.03 FABRICATION

- A. Blind measurements shall be accurate to within + 1/8" or as recommended in writing by manufacturer.

2.04 FINISHES

- A. **SLAT** finish selection from the following: 001 Glacier White, 002 Alabaster, 018 Satin Silver, 048 Black, 064 Bronze, 065 Brushed Aluminum, 110 Gloss White, 125 Bright White, 127 Linen Flirt, 173 Eggshell, 180 Dove Gray, 186 Beige, 190 Bright Aluminum, 205 Fawn, 262 Steel Wind Brushed, 268 Crème de la Crème, 269 Chenille, 270 Linen, 275 Blossom Mist, 276 Silverado, 318 Silver Cloud, 350 Vanilla, 405 Gray Flannel, 413 Hunter Green, 748 Shadow Gray, 795 Surf, 820 Umber, 830 Almond, 885 Flex White, 973 Antique White, 974 Pearl, 981 Platinum Gray, 983 Graphite.
- B. **SLAT SUPPORT** braided ladders shall be color coordinated with slat

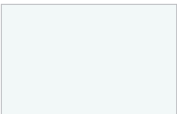
CHM82 5/8" Aluminum Horizontal Blinds



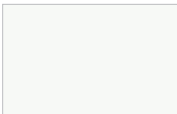
Our Model CHM82 micro aluminum blind provides a distinctly different look with a 5/8" slat. Delivering good light control with 12mm tape spacing and heavy-duty 1" x .008" slats, the CHM82 also has a sturdy steel headrail that accommodates narrow mounting depths.

KEY FEATURES

- 1" x 1" x .024" Headrail
- Heat-treated, spring-tempered aluminum slats
- Clutch tilter prevents over-rotation of slats
- Closed oval steel bottom rail provides optimal strength to prevent bowing
- Slats contain 95% recycled aluminum content and are GREENGUARD Indoor Air Quality Certified®
- Cord stop to single cord pull
- Lifetime Guarantee



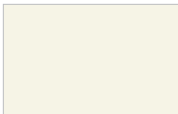
885 Flex White



110 Gloss White



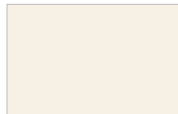
974 Pearl



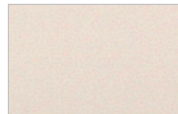
002 Alabaster



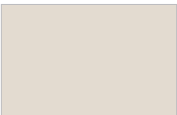
830 Almond



973 Antique White



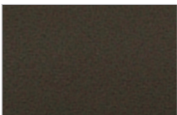
269 Chenille



205 Fawn



748 Shadow Gray



064 Bronze



Perforated Slat*

* Note: when ordering, please specify color #, color name

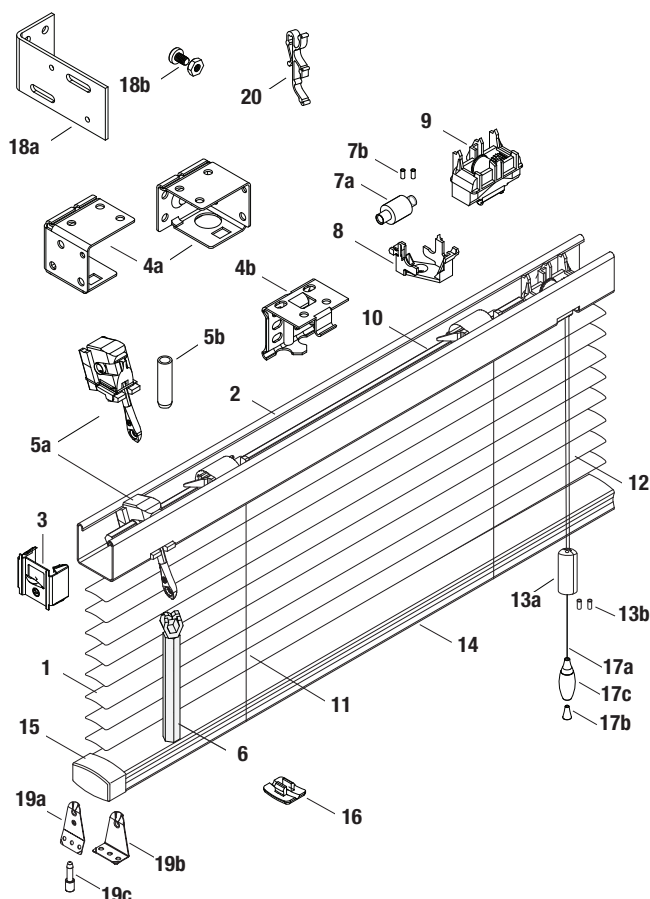


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Technical Information CHM82 5/8" Aluminum Horizontal Blinds



STANDARD COMPONENTS:

1. Slat
2. Headrail
3. End Lock
- 4a. Box Installation Bracket
- 4b. Intermediate Support Bracket
- 5a. Wand Tilter
- 5b. Tilter Protector
6. Wand
- 7a. Tape Roll
- 7b. Tape Locators
8. Tape Roll Support
- 9a. Cordlock Snap-In
- 9b. Cordlock Adapter
- 9c. Separator Snap-In
10. Tilt Rod
11. Cable Tape Ladder
12. Lift Cord 1.4mm
- 13a. Cord Stop
- 13b. Safety Tassel Grommet
14. Bottom Rail
15. Bottom Rail End Cap
16. Tape Button
- 17a. Lift Cord
- 17b. Conical Tassel Washer
- 17c. Tassel

OPTIONAL COMPONENTS:

- 18a. Extension Bracket
- 18b. Extension Bracket Screw and Nut
- 19a. Hold-Down Bracket (Jamb)
- 19b. Hold-Down Bracket (Sill)
- 19c. Hold-Down Pin
20. Valance Clip

PRODUCT SPECIFICATIONS

PART 2 – PRODUCTS

2.01 ACCEPTABLE MANUFACTURER

- A.** Hunter Douglas Contract/ 12250 Parkway Centre Dr. / Poway, CA 92064/ Phone: 800-727-8953 Fax: 800-205-9819/ Website: www.hunterdouglascontract.com, or architect approved equivalent. Contact the following for project assistance and dealer referral @ 800-964-2580: (Mideast/Midwest) Keith Burgess ext. #827311, (Southern/Central) Christopher Hagen ext. #827312, (Western/Mountain/Upper Midwest) David Cover ext. #827313, (Northeast) Patrick LeClair ext. #827314.

- B.** Product substitutions must be approved by architect minimum of 30 days prior to close of bid.

2.02 1" MINI HORIZONTAL ALUMINUM BLINDS

- A. PRODUCT:** Hunter Douglas "CHM82 5/8" Aluminum Blind"

B. MATERIALS:

1. **SLATS:** 5/8" wide x .008" thick, heat-treated and spring tempered (except 5000 series alloy on metallized finishes) aluminum alloy 6011 with eased corners and manufacturing burrs removed. Product to have a minimum of 95% pre-consumer recycled content. Furnish not less than nominal 25 slats per foot to ensure tight closure and light control. Finish with manufacturer's standard baked-on finish in colors selected by architect from manufacturer's available contract colors utilizing Dust Shield™ finish to inhibit dust build-up for easier maintenance.
2. **SLAT SUPPORT:** Braided ladders of 100% polyester yarn color compatible with slats and spacing of ladder no more than 12mm.
3. **HEADRAIL:** U-shaped profile with rolled edges, measuring 1" x 1" x .024" constructed of corrosion resistant steel and providing a sleek beveled edge valance-free design. Internally fit with components required for specified performance and designed for smooth, quiet, trouble-free operation. Headrail finish to be standard baked-on polyester and to match slats. Ends fitted with .024" steel end lock with adjustable tab for centering blinds.
4. **BOTTOM RAIL:** Steel, with corrosion-resistant finish formed with double-lock seam into closed oval shape for optimum beam and torsional strength. Ends fitted with color-

coordinated engineered polymer caps. Color-coordinated engineered polymer tape buttons secure the ladder and cord. Bottom Rail finish to be standard baked-on polyester color coordinated to slats.

5. **LIFTING MECHANISM:** Crashproof cordlock in engineering polymer housing with nickel-plate die-cast bearing surface and brass locking clips, two-ply polyester cord filler in braided polyester jacket lift cords, cord equalizers, cordlock adapter, and Cord Stop/Single Pull Cord. Located on either side of individual blind unit as per architect's request.
6. **TILTING MECHANISM:** Permanently lubricated die-cast worm and gear type tilter gear mechanism in fully enclosed housing with clutch action to protect ladder tapes from over rotation of the solid steel, corrosion resistant tilt rod.
7. **TILT CONTROL WAND:** Tubular construction 9/32" diameter extruded clear acrylic hexagonal, and detachable without tools. Located on either side of individual blind unit as per architect's request.
8. **MOUNTING HARDWARE:** Manufacturer's standard .040" steel box brackets with baked-on polyester finish to match headrail with additional support brackets for blinds over 60" wide.
9. **ADDITIONAL AVAILABLE OPTIONS:** Limited Tilt, Ring Pulls, Pivot Plates, Pocket Brackets, Two-Position Cord Lock, Color Striping, 2 or 3 Blinds on 1 Headrail, Valance, Side Channels (limited colors available), Hold Down Brackets, Cutouts, Perforated Slat.

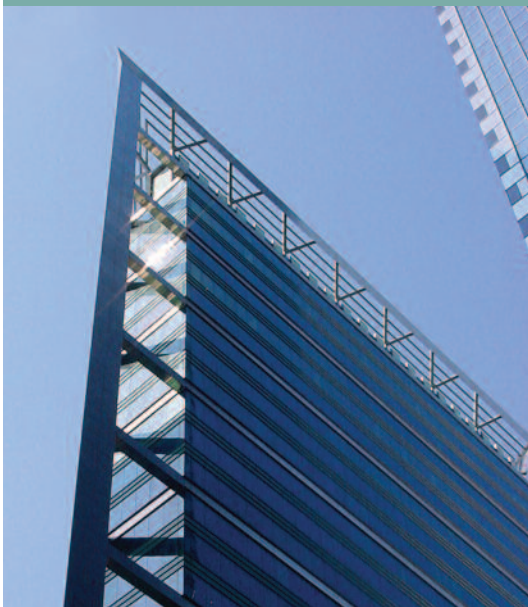
2.03 FABRICATION

- A.** Blind measurements shall be accurate to within + 1/8" or as recommended in writing by manufacturer.

2.04 FINISHES

- A. SLAT** finish selection from the following: 002 Alabaster, 064 Bronze, 110 Gloss White, 205 Fawn, 269 Chenille, 748 Shadow Gray, 830 Almond, 885 Flex White, 973 Antique White, 974 Pearl.
- B. SLAT SUPPORT** braided ladders shall be color coordinated with slat.

CX80 1" Aluminum Horizontal Blinds



Our Model CX80 aluminum blind provides superior control with a tighter 20mm tape spacing and heavy-duty 1" x .008" slats. The sturdy steel headrail accommodates narrow mounting depths.

KEY FEATURES

- 1" x 1" x .024" Headrail
- Heat-treated, spring-tempered aluminum slats
- Clutch tilter prevents over-rotation of slats
- Closed oval steel bottom rail provides optimal strength to prevent bowing
- Slats contain 95% recycled aluminum content and are GREENGUARD Indoor Air Quality Certified®
- Cord stop to single cord pull
- Lifetime Guarantee



125 Bright White	885 Flex White	110 Gloss White	001 Glacier White	127 Linen Flirt	981 Platinum Gray	974 Pearl
002 Alabaster	830 Almond	173 Eggshell	973 Antique White	268 Crème de la Crème	269 Chenille	270 Linen
350 Vanilla	205 Fawn	795 Surf	275 Blossom Mist	186 Beige	180 Dove Gray	820 Umber
064 Bronze	018 Satin Silver	748 Shadow Gray	318 Silver Cloud	276 Silverado	405 Gray Flannel	983 Graphite
					<p>* Note: when ordering, please specify color #, color name</p>	
048 Black	065 Brushed Aluminum	190 Bright Aluminum	413 Hunter Green	Perforated Slat*		



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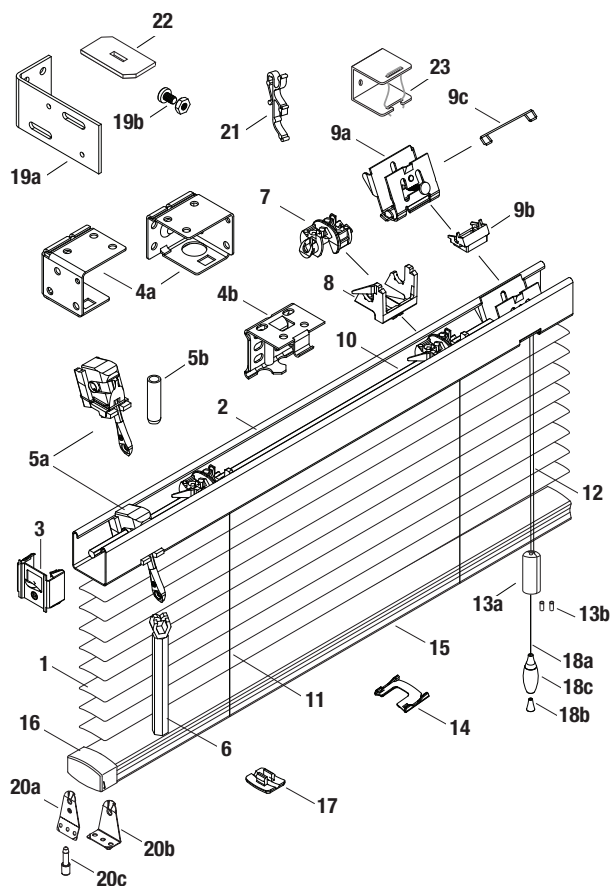
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STANDARD COMPONENTS:

1. Slat
2. Headrail
3. End Lock
- 4a. Box Installation Bracket
- 4b. Intermediate Support Bracket
- 5a. Wand Tilter
- 5b. Tilter Protector
6. Wand
7. Tape Roll
8. Tape Roll Support
- 9a. Cordlock Snap-In
- 9b. Cordlock Adapter
- 9c. Separator Snap-In
10. Tilt Rod
11. Cable Tape Ladder
12. Lift Cord 1.4mm
- 13a. Cord Stop
- 13b. Safety Tassel Grommet
14. Tape Spacer
15. Bottom Rail
16. Bottom Rail End Cap
17. Tape Button
- 18a. Lift Cord
- 18b. Conical Tassel Washer
- 18c. Tassel

OPTIONAL COMPONENTS:

- 19a. Extension Bracket
- 19b. Extension Bracket Screw and Nut
- 20a. Hold-Down Bracket (Jamb)
- 20b. Hold-Down Bracket (Sill)
- 20c. Hold-Down Pin
21. Valance Clip
22. Pivot Plate
23. Pocket Bracket

PRODUCT SPECIFICATIONS

PART 2 – PRODUCTS

2.01 ACCEPTABLE MANUFACTURER

- A. Hunter Douglas Contract/ 12250 Parkway Centre Dr. / Poway, CA 92064/
Phone: 800-727-8953 Fax: 800-205-9819/ Website: www.hunterdouglascontract.com,
or architect approved equivalent. Contact the following for project assistance and
dealer referral @ 800-964-2580: (Mideast/Midwest) Keith Burgess ext. #827311,
(Southern/Central) Christopher Hagen ext. #827312, (Western/Mountain/Upper
Midwest) David Cover ext. #827313, (Northeast) Patrick LeClair ext. #827314.
- B. Product substitutions must be approved by architect minimum of 30 days prior to close of bid.

2.02 1" MINI HORIZONTAL ALUMINUM BLINDS

- A. **PRODUCT:** Hunter Douglas "CX80 1" Aluminum Blind"

B. MATERIALS:

1. **SLATS:** 1" wide x .008" thick, heat-treated and spring tempered (except 5000 series alloy on metallized finishes) aluminum alloy 6011 with eased corners and manufacturing burrs removed. Product to have a minimum of 95% pre-consumer recycled content. Furnish not less than nominal 15.2 slats per foot to ensure tight closure and light control. Finish with manufacturer's standard baked-on finish in colors selected by architect from manufacturer's available contract colors utilizing Dust Shield™ finish to inhibit dust build-up for easier maintenance.
2. **SLAT SUPPORT:** Braided ladders of 100% polyester yarn color compatible with slats and spacing of ladder no more than 20mm.
3. **HEADRAIL:** U-shaped profile with rolled edges, measuring 1" x 1" x .024" constructed of corrosion resistant steel. Internally fit with components required for specified performance and designed for smooth, quiet, trouble-free operation. Headrail finish to be standard baked-on polyester and to match slats. Ends fitted with .024" steel end lock with adjustable tab for centering blinds.
4. **BOTTOM RAIL:** Steel, with corrosion-resistant finish formed with double-lock seam into closed oval shape for optimum beam and torsional strength. Ends fitted with color-coordinated engineered polymer caps. Color-coordinated engineered polymer tape buttons secure the ladder and cord. Bottom Rail finish to be standard baked-on polyester color coordinated to slats.

5. **LIFTING MECHANISM:** Crashproof cordlock in engineering polymer housing with nickel-plate die-cast bearing surface and brass locking clips, two-ply polyester cord filler in braided polyester jacket lift cords, cord equalizers, cordlock adapter, and Cord Stop/Single Pull Cord. Located on either side of individual blind unit as per architect's request.
6. **TILTING MECHANISM:** Permanently lubricated die-cast worm and gear type tilter gear mechanism in fully enclosed housing with clutch action to protect ladder tapes from over rotation of the solid steel, corrosion resistant tilt rod.
7. **TILT CONTROL WAND:** Tubular construction 9/32" diameter extruded clear acrylic hexagonal, and detachable without tools. Located on either side of individual blind unit as per architect's request.
8. **MOUNTING HARDWARE:** Manufacturer's standard .040" steel box brackets with baked-on polyester finish to match headrail with additional support brackets for blinds over 60" wide.
9. **ADDITIONAL AVAILABLE OPTIONS:** Limited Tilt, Ring Pulls, Pivot Plates, Pocket Brackets, Two-Position Cord Lock, Color Striping, 2 or 3 Blinds on 1 Headrail, Valance, Side Channels (limited colors available), Hold Down Brackets, Cutouts, Perforated Slat.

2.03 FABRICATION

- A. Blind measurements shall be accurate to within + 1/8" or as recommended in writing by manufacturer.

2.04 FINISHES

- A. **SLAT** finish selection from the following: 001 Glacier White, 002 Alabaster, 018 Satin Silver, 048 Black, 064 Bronze, 065 Brushed Aluminum, 110 Gloss White, 125 Bright White, 127 Linen Flirt, 173 Eggshell, 180 Dove Gray, 186 Beige, 190 Bright Aluminum, 205 Fawn, 268 Crème de la Crème, 269 Chenille, 270 Linen, 275 Blossom Mist, 276 Silverado, 318 Silver Cloud, 350 Vanilla, 405 Gray Flannel, 413 Hunter Green, 748 Shadow Gray, 795 Surf, 820 Umber, 830 Almond, 885 Flex White, 973 Antique White, 974 Pearl, 981 Platinum Gray, 983 Graphite.
- B. **SLAT SUPPORT** braided ladders shall be color coordinated with slat

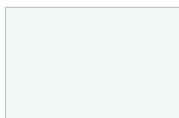
CE60 1" Aluminum Horizontal Blinds



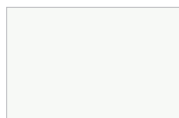
Ideal for larger installations, our Model CE aluminum blinds feature our sturdiest headrail for 1" blinds. Model CE60 provides superior light control with 20mm tape spacing and resilient 1" x .006" slats.

KEY FEATURES

- 1" x 1 1/2" x .024" Headrail
- Heat-treated, spring-tempered aluminum slats
- Clutch tilter prevents over-rotation of slats
- Closed oval steel bottom rail provides optimal strength to prevent bowing
- Slats contain 95% recycled aluminum content and are GREENGUARD Indoor Air Quality Certified®
- Cord stop to single cord pull
- Lifetime Guarantee



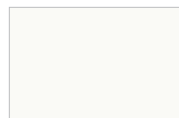
885 Flex White



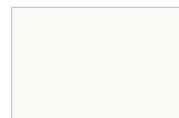
110 Gloss White



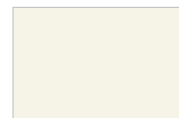
001 Glacier White



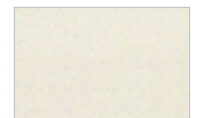
127 Linen Flirt



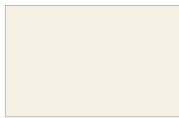
974 Pearl



002 Alabaster



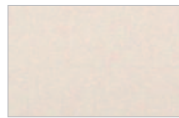
830 Almond



973 Antique White



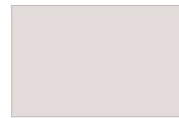
268 Crème de la Crème



269 Chenille



205 Fawn



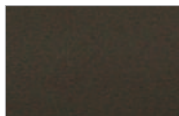
795 Surf



748 Shadow Gray



065 Brushed Aluminum



064 Bronze



C O N S S 0 9 C E 6 0

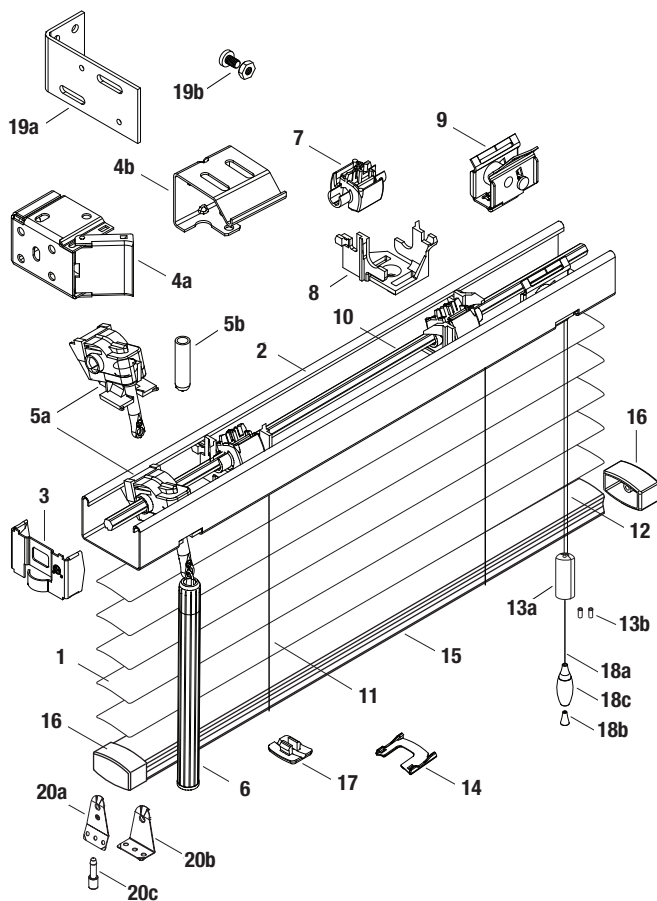
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STANDARD COMPONENTS:

1. Slat
2. Headrail
3. End Lock
- 4a. Box Installation Bracket
- 4b. Intermediate Support Bracket
- 5a. Wand Tilter
- 5b. Tilter Protector
6. Wand
7. Tape Roll
8. Tape Roll Support
9. Cordlock Assembly
10. Tilt Rod
11. Cable Tape Ladder
12. Lift Cord 1.4mm
- 13a. Cord Stop
- 13b. Safety Tassel Grommet
14. Tape Spacer
15. Bottom Rail
16. Bottom Rail End Cap
17. Tape Button
- 18a. Lift Cord
- 18b. Conical Tassel Washer
- 18c. Tassel

OPTIONAL COMPONENTS:

- 19a. Extension Bracket
- 19b. Extension Bracket Screw and Nut
- 20a. Hold-Down Bracket (Jamb)
- 20b. Hold-Down Bracket (Sill)
- 20c. Hold-Down Pin

PRODUCT SPECIFICATIONS

PART 2 – PRODUCTS

2.01 ACCEPTABLE MANUFACTURER

- A.** Hunter Douglas Contract/ 12250 Parkway Centre Dr. / Poway, CA 92064/
Phone: 800-727-8953 Fax: 800-205-9819/ Website: www.hunterdouglascontract.com,
or architect approved equivalent. Contact the following for project assistance and
dealer referral @ 800-964-2580: (Mideast/Midwest) Keith Burgess ext. #827311,
(Southern/Central) Christopher Hagen ext. #827312, (Western/Mountain/Upper
Midwest) David Cover ext. #827313, (Northeast) Patrick LeClair ext. #827314.
- B.** Product substitutions must be approved by architect minimum of 30 days prior to close of bid.

2.02 1" MINI HORIZONTAL ALUMINUM BLINDS

- A. PRODUCT:** Hunter Douglas "CE60 1" Aluminum Blind"

B. MATERIALS:

- 1. SLATS:** 1" wide x .006" thick, heat-treated and spring tempered (except 5000 series alloy on metallized finishes) aluminum alloy 6011 with eased corners and manufacturing burrs removed. Product to have a minimum of 95% pre-consumer recycled content. Furnish not less than nominal 15.2 slats per foot to ensure tight closure and light control. Finish with manufacturer's standard baked-on finish in colors selected by architect from manufacturer's available contract colors utilizing Dust Shield™ finish to inhibit dust build-up for easier maintenance.
- 2. SLAT SUPPORT:** Braided ladders of 100% polyester yarn color compatible with slats and spacing of ladder no more than 20mm.
- 3. HEADRAIL:** U-shaped profile with rolled edges, measuring 1" x 1 1/2" x .024" constructed of corrosion resistant steel. Internally fit with components required for specified performance and designed for smooth, quiet, trouble-free operation. Headrail finish to be standard baked-on polyester and to match slats. Ends fitted with .030" steel end lock with adjustable tab for centering blinds.
- 4. BOTTOM RAIL:** Steel, with corrosion-resistant finish formed with double-lock seam into closed oval shape for optimum beam and torsional strength. Ends fitted with

color-coordinated engineered polymer caps. Color-coordinated engineered polymer tape buttons secure the ladder and cord. Bottom Rail finish to be standard baked-on polyester color coordinated to slats.

- 5. LIFTING MECHANISM:** Crashproof steel cordlocks with corrosion-resistant finish, two-ply polyester cord filler in braided polyester jacket lift cords, cord equalizers, cordlock adapter, and Cord Stop/Single Pull Cord. Located on either side of individual blind unit as per architect's request.
- 6. TILTING MECHANISM:** Permanently lubricated die-cast worm and gear type tilter gear mechanism in fully enclosed housing with clutch action to protect ladder tapes from over rotation of the solid steel, corrosion resistant tilt rod.
- 7. TILT CONTROL WAND:** Tubular shaped 7/16" diameter extruded clear plastic, ribbed for positive grip and detachable without tools. Located on either side of individual blind unit as per architect's request.
- 8. MOUNTING HARDWARE:** Manufacturer's standard .042" steel box brackets with baked-on polyester finish to match headrail with additional support brackets for blinds over 60" wide.
- 9. ADDITIONAL AVAILABLE OPTIONS:** Limited Tilt, Ring Pulls, Pivot Plates, Two-Position Cord Locks, Color Stripping, 2 or 3 Blinds on 1 Headrail, Valances, Side Channels (limited colors available), Hold Down Brackets, Cutouts.

2.03 FABRICATION

- A.** Blind measurements shall be accurate to within + 1/8" or as recommended in writing by manufacturer.

2.04 FINISHES

- A. SLAT** finish selection from the following: 001 Glacier White, 002 Alabaster, 064 Bronze, 065 Brushed Aluminum, 110 Gloss White, 127 Linen Flirt, 205 Fawn, 268 Crème de la Crème, 269 Chenille, 270 Linen, 748 Shadow Gray, 795 Surf, 830 Almond, 885 Flex White, 973 Antique White, 974 Pearl.
- B. SLAT SUPPORT** braided ladders shall be color coordinated with slat.

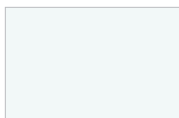
CE61 1" Aluminum Horizontal Blinds



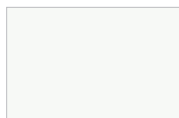
Ideal for larger installations, our Model CE aluminum blinds feature our sturdiest headrail for 1" blinds. Model CE61 provides good light control with 22mm tape spacing and resilient 1" x .006" slats.

KEY FEATURES

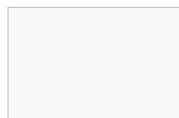
- 1" x 1 1/2" x .024" Headrail
- Heat-treated, spring-tempered aluminum slats
- Clutch tilter prevents over-rotation of slats
- Closed oval steel bottom rail provides optimal strength to prevent bowing
- Slats contain 95% recycled aluminum content and are GREENGUARD Indoor Air Quality Certified®
- Cord stop to single cord pull
- Lifetime Guarantee



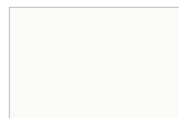
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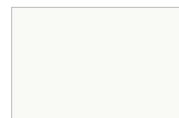
110 Gloss White



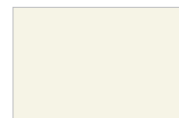
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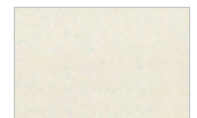
127 Linen Flirt



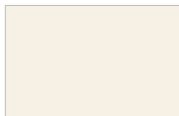
974 Pearl



002 Alabaster



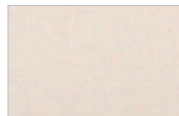
830 Almond



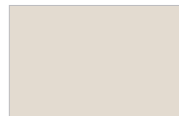
973 Antique White



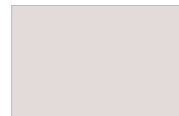
268 Crème de la Crème



269 Chenille



205 Fawn



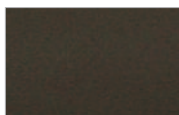
795 Surf



748 Shadow Gray



065 Brushed Aluminum



064 Bronze



C O N S S 0 9 C E 6 1

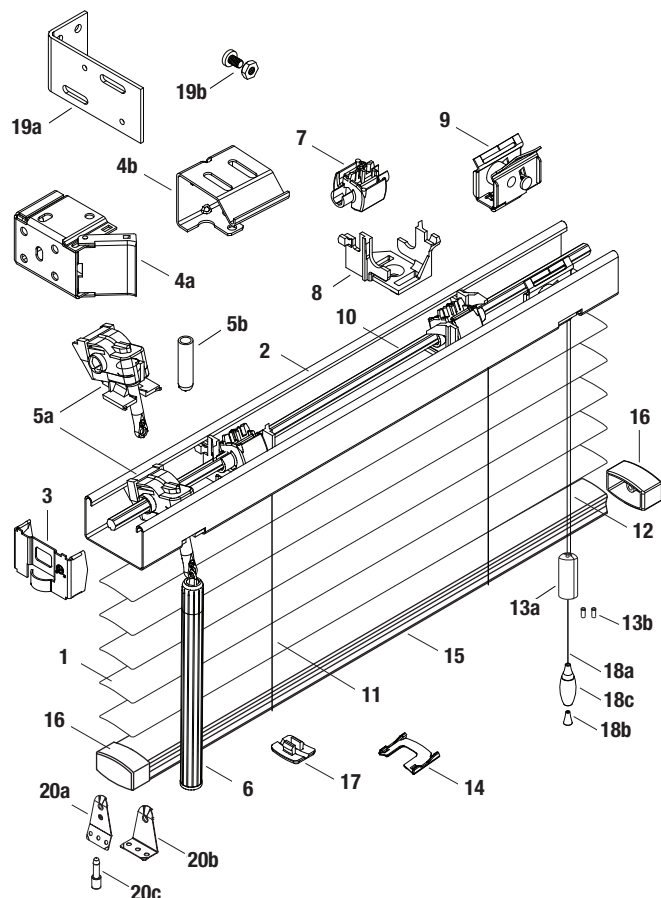
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WINDOW COVERINGS

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STANDARD COMPONENTS:

1. Slat
2. Headrail
3. End Lock
- 4a. Box Installation Bracket
- 4b. Intermediate Support Bracket
- 5a. Wand Tilter
- 5b. Tilter Protector
6. Wand
7. Tape Roll
8. Tape Roll Support
9. Cordlock Assembly
10. Tilt Rod
11. Cable Tape Ladder
12. Lift Cord 1.4mm
- 13a. Cord Stop
- 13b. Safety Tassel Grommet
14. Tape Spacer
15. Bottom Rail
16. Bottom Rail End Cap
17. Tape Button
- 18a. Lift Cord
- 18b. Conical Tassel Washer
- 18c. Tassel

OPTIONAL COMPONENTS:

- 19a. Extension Bracket
- 19b. Extension Bracket Screw and Nut
- 20a. Hold-Down Bracket (Jamb)
- 20b. Hold-Down Bracket (Sill)
- 20c. Hold-Down Pin

PRODUCT SPECIFICATIONS

PART 2 – PRODUCTS

2.01 ACCEPTABLE MANUFACTURER

- A. Hunter Douglas Contract/ 12250 Parkway Centre Dr. / Poway, CA 92064/
Phone: 800-727-8953 Fax: 800-205-9819/ Website: www.hunterdouglascontract.com,
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(Southern/Central) Christopher Hagen ext. #827312, (Western/Mountain/Upper
Midwest) David Cover ext. #827313, (Northeast) Patrick LeClair ext. #827314.
- B. Product substitutions must be approved by architect minimum of 30 days prior to close of bid.

2.02 1" MINI HORIZONTAL ALUMINUM BLINDS

- A. **PRODUCT:** Hunter Douglas "CE61 1" Aluminum Blind"

B. MATERIALS:

1. **SLATS:** 1" wide x .006" thick, heat-treated and spring tempered (except 5000 series alloy on metallized finishes) aluminum alloy 6011 with eased corners and manufacturing burrs removed. Product to have a minimum of 95% pre-consumer recycled content. Furnish not less than nominal 13.8 slats per foot to ensure tight closure and light control. Finish with manufacturer's standard baked-on finish in colors selected by architect from manufacturer's available contract colors utilizing Dust Shield™ finish to inhibit dust build-up for easier maintenance.
2. **SLAT SUPPORT:** Braided ladders of 100% polyester yarn color compatible with slats and spacing of ladder no more than 20mm.
3. **HEADRAIL:** U-shaped profile with rolled edges, measuring 1" x 1 1/2" x .024" constructed of corrosion resistant steel. Internally fit with components required for specified performance and designed for smooth, quiet, trouble-free operation. Headrail finish to be standard baked-on polyester and to match slats. Ends fitted with .030" steel end lock with adjustable tab for centering blinds.
4. **BOTTOM RAIL:** Steel, with corrosion-resistant finish formed with double-lock seam into closed oval shape for optimum beam and torsional strength. Ends fitted with

color-coordinated engineered polymer caps. Color-coordinated engineered polymer tape buttons secure the ladder and cord. Bottom Rail finish to be standard baked-on polyester color coordinated to slats.

5. **LIFTING MECHANISM:** Crashproof steel cordlocks with corrosion-resistant finish, two-ply polyester cord filler in braided polyester jacket lift cords, cord equalizers, cordlock adapter, and Cord Stop/Single Pull Cord. Located on either side of individual blind unit as per architect's request.
6. **TILTING MECHANISM:** Permanently lubricated die-cast worm and gear type tilter gear mechanism in fully enclosed housing with clutch action to protect ladder tapes from over rotation of the solid steel, corrosion resistant tilt rod.
7. **TILT CONTROL WAND:** Tubular shaped 7/16" diameter extruded clear plastic, ribbed for positive grip and detachable without tools. Located on either side of individual blind unit as per architect's request.
8. **MOUNTING HARDWARE:** Manufacturer's standard .042" steel box brackets with baked-on polyester finish to match headrail with additional support brackets for blinds over 60" wide.
9. **ADDITIONAL AVAILABLE OPTIONS:** Limited Tilt, Ring Pulls, Pivot Plates, Two-Position Cord Locks, Color Striping, 2 or 3 Blinds on 1 Headrail, Valances, Side Channels (limited colors available), Hold Down Brackets, Cutouts.

2.03 FABRICATION

- A. Blind measurements shall be accurate to within + 1/8" or as recommended in writing by manufacturer.

2.04 FINISHES

- A. **SLAT** finish selection from the following: 001 Glacier White, 002 Alabaster, 064 Bronze, 065 Brushed Aluminum, 110 Gloss White, 127 Linen Flirt, 205 Fawn, 268 Crème de la Crème, 269 Chenille, 270 Linen, 748 Shadow Gray, 795 Surf, 830 Almond, 885 Flex White, 973 Antique White, 974 Pearl.
- B. **SLAT SUPPORT** braided ladders shall be color coordinated with slat.

CE80 1" Aluminum Horizontal Blinds

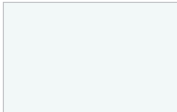
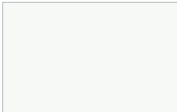
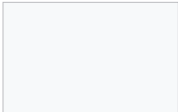
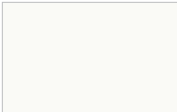
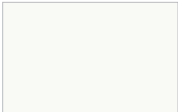
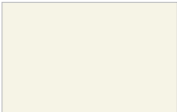
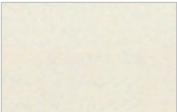
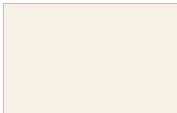
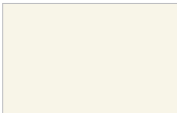
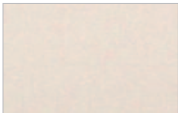
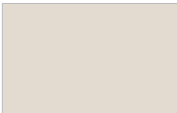
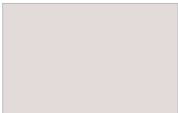


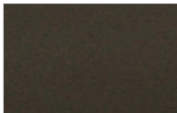



Ideal for larger installations, our Model CE aluminum blinds feature our sturdiest headrail for 1" blinds. Model CE80 provides superior light control with 20mm tape spacing and heavy-duty 1" x .008" slats.

KEY FEATURES

- 1" x 1 1/2" x .024" Headrail
- Heat-treated, spring-tempered aluminum slats
- Clutch tilter prevents over-rotation of slats
- Closed oval steel bottom rail provides optimal strength to prevent bowing
- Slats contain 95% recycled aluminum content and are GREENGUARD Indoor Air Quality Certified®
- Cord stop to single cord pull
- Lifetime Guarantee



						
885 Flex White	110 Gloss White	001 Glacier White	127 Linen Flirt	974 Pearl	002 Alabaster	830 Almond
						
973 Antique White	268 Crème de la Crème	269 Chenille	205 Fawn	795 Surf	748 Shadow Gray	065 Brushed Aluminum
		* Note: when ordering, please specify color #, color name				
064 Bronze	Perforated Slat*					



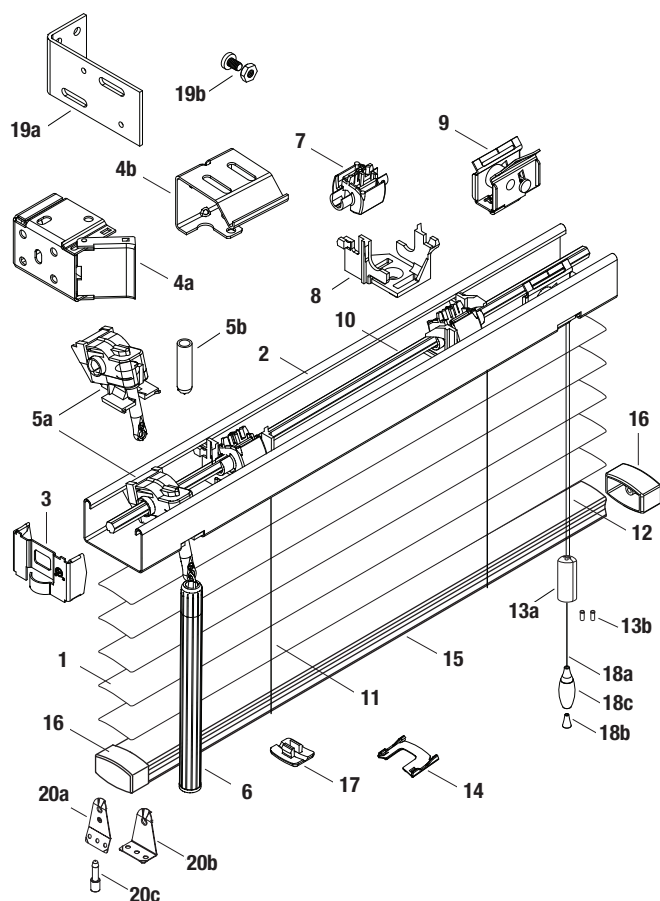
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WINDOW COVERINGS

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STANDARD COMPONENTS:

1. Slat
2. Headrail
3. End Lock
- 4a. Box Installation Bracket
- 4b. Intermediate Support Bracket
- 5a. Wand Tilter
- 5b. Tilter Protector
6. Wand
7. Tape Roll
8. Tape Roll Support
9. Cordlock Assembly
10. Tilt Rod
11. Cable Tape Ladder
12. Lift Cord 1.4mm
- 13a. Cord Stop
- 13b. Safety Tassel Grommet
14. Tape Spacer
15. Bottom Rail
16. Bottom Rail End Cap
17. Tape Button
- 18a. Lift Cord
- 18b. Conical Tassel Washer
- 18c. Tassel

OPTIONAL COMPONENTS:

- 19a. Extension Bracket
- 19b. Extension Bracket Screw and Nut
- 20a. Hold-Down Bracket (Jamb)
- 20b. Hold-Down Bracket (Sill)
- 20c. Hold-Down Pin

PRODUCT SPECIFICATIONS

PART 2 – PRODUCTS

2.01 ACCEPTABLE MANUFACTURER

- A.** Hunter Douglas Contract/ 12250 Parkway Centre Dr. / Poway, CA 92064/
Phone: 800-727-8953 Fax: 800-205-9819/ Website: www.hunterdouglascontract.com,
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(Southern/Central) Christopher Hagen ext. #827312, (Western/Mountain/Upper
Midwest) David Cover ext. #827313, (Northeast) Patrick LeClair ext. #827314.
- B.** Product substitutions must be approved by architect minimum of 30 days prior to close of bid.

2.02 1" MINI HORIZONTAL ALUMINUM BLINDS

- A. PRODUCT:** Hunter Douglas "CE80 1" Aluminum Blind"

B. MATERIALS:

- 1. SLATS:** 1" wide x .008" thick, heat-treated and spring tempered (except 5000 series alloy on metallized finishes) aluminum alloy 6011 with eased corners and manufacturing burrs removed. Product to have a minimum of 95% pre-consumer recycled content. Furnish not less than nominal 15.2 slats per foot to ensure tight closure and light control. Finish with manufacturer's standard baked-on finish in colors selected by architect from manufacturer's available contract colors utilizing Dust Shield™ finish to inhibit dust build-up for easier maintenance.
- 2. SLAT SUPPORT:** Braided ladders of 100% polyester yarn color compatible with slats and spacing of ladder no more than 20mm.
- 3. HEADRAIL:** U-shaped profile with rolled edges, measuring 1" x 1 1/2" x .024" constructed of corrosion resistant steel. Internally fit with components required for specified performance and designed for smooth, quiet, trouble-free operation. Headrail finish to be standard baked-on polyester and to match slats. Ends fitted with .030" steel end lock with adjustable tab for centering blinds.
- 4. BOTTOM RAIL:** Steel, with corrosion-resistant finish formed with double-lock seam into closed oval shape for optimum beam and torsional strength. Ends fitted with color-coordinated engineered polymer caps. Color-coordinated engineered polymer

color-coordinated engineered polymer caps. Color-coordinated engineered polymer tape buttons secure the ladder and cord. Bottom Rail finish to be standard baked-on polyester color coordinated to slats.

- 5. LIFTING MECHANISM:** Crashproof steel cordlocks with corrosion-resistant finish, two-ply polyester cord filler in braided polyester jacket lift cords, cord equalizers, cordlock adapter, and Cord Stop/Single Pull Cord. Located on either side of individual blind unit as per architect's request.
- 6. TILTING MECHANISM:** Permanently lubricated die-cast worm and gear type tilter gear mechanism in fully enclosed housing with clutch action to protect ladder tapes from over rotation of the solid steel, corrosion resistant tilt rod.
- 7. TILT CONTROL WAND:** Tubular shaped 7/16" diameter extruded clear plastic, ribbed for positive grip and detachable without tools. Located on either side of individual blind unit as per architect's request.
- 8. MOUNTING HARDWARE:** Manufacturer's standard .042" steel box brackets with baked-on polyester finish to match headrail with additional support brackets for blinds over 60" wide.
- 9. ADDITIONAL AVAILABLE OPTIONS:** Limited Tilt, Ring Pulls, Pivot Plates, Two-Position Cord Locks, Color Stripping, 2 or 3 Blinds on 1 Headrail, Valances, Side Channels (limited colors available), Hold Down Brackets, Cutouts, Perforated Slat.

2.03 FABRICATION

- A.** Blind measurements shall be accurate to within + 1/8" or as recommended in writing by manufacturer.

2.04 FINISHES

- A. SLAT** finish selection from the following: 001 Glacier White, 002 Alabaster, 064 Bronze, 065 Brushed Aluminum, 110 Gloss White, 127 Linen Flirt, 205 Fawn, 268 Crème de la Crème, 269 Chenille, 270 Linen, 748 Shadow Gray, 795 Surf, 830 Almond, 885 Flex White, 973 Antique White, 974 Pearl.
- B. SLAT SUPPORT** braided ladders shall be color coordinated with slat.

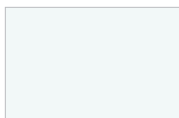
CE81 1" Aluminum Horizontal Blinds



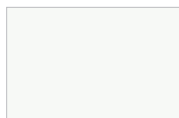
Ideal for larger installations, our Model CE aluminum blinds feature our sturdiest headrail for 1" blinds. Model CE81 provides good light control with 22mm tape spacing and heavy-duty 1" x .008" slats.

KEY FEATURES

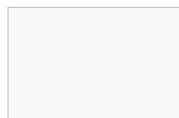
- 1" x 1 1/2" x .024" Headrail
- Heat-treated, spring-tempered aluminum slats
- Clutch tilter prevents over-rotation of slats
- Closed oval steel bottom rail provides optimal strength to prevent bowing
- Slats contain 95% recycled aluminum content and are GREENGUARD Indoor Air Quality Certified®
- Cord stop to single cord pull
- Lifetime Guarantee



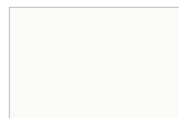
885 Flex White



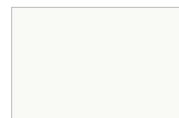
110 Gloss White



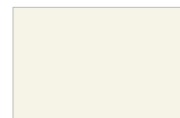
001 Glacier White



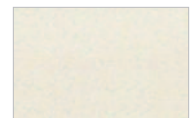
127 Linen Flirt



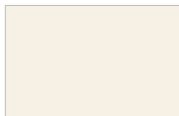
974 Pearl



002 Alabaster



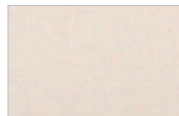
830 Almond



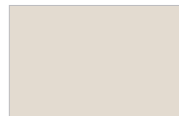
973 Antique White



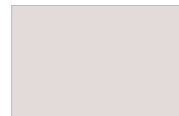
268 Crème de la Crème



269 Chenille



205 Fawn



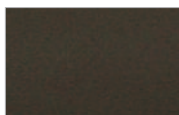
795 Surf



748 Shadow Gray



065 Brushed Aluminum



064 Bronze



Perforated Slat*

* Note: when ordering, please specify color #, color name



C O N S S 0 9 C E 8 1

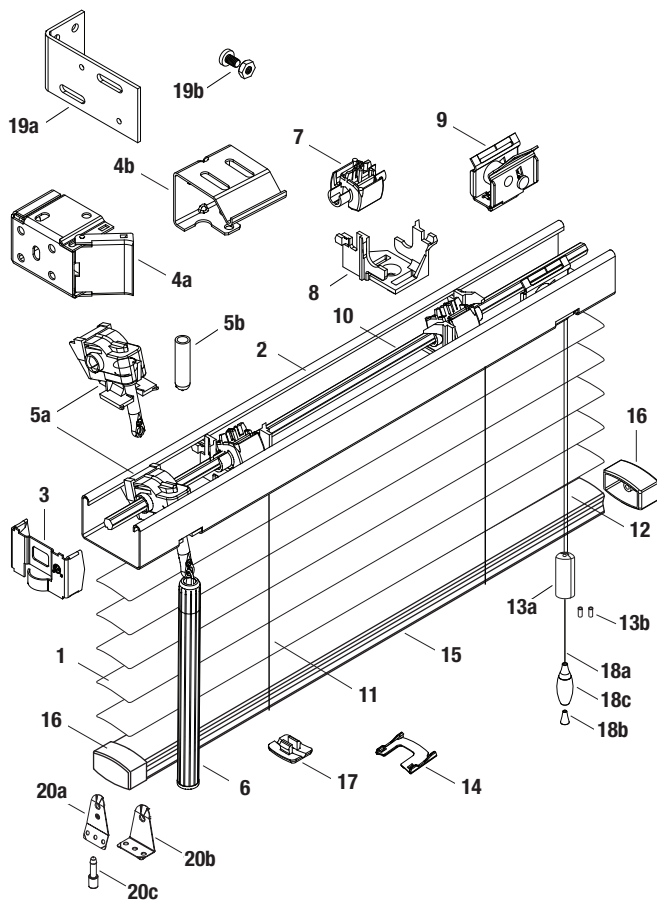
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WINDOW COVERINGS

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STANDARD COMPONENTS:

1. Slat
2. Headrail
3. End Lock
- 4a. Box Installation Bracket
- 4b. Intermediate Support Bracket
- 5a. Wand Tilter
- 5b. Tilter Protector
6. Wand
7. Tape Roll
8. Tape Roll Support
9. Cordlock Assembly
10. Tilt Rod
11. Cable Tape Ladder
12. Lift Cord 1.4mm
- 13a. Cord Stop
- 13b. Safety Tassel Grommet
14. Tape Spacer
15. Bottom Rail
16. Bottom Rail End Cap
17. Tape Button
- 18a. Lift Cord
- 18b. Conical Tassel Washer
- 18c. Tassel

OPTIONAL COMPONENTS:

- 19a. Extension Bracket
- 19b. Extension Bracket Screw and Nut
- 20a. Hold-Down Bracket (Jamb)
- 20b. Hold-Down Bracket (Sill)
- 20c. Hold-Down Pin

PRODUCT SPECIFICATIONS

PART 2 – PRODUCTS

2.01 ACCEPTABLE MANUFACTURER

- A.** Hunter Douglas Contract/ 12250 Parkway Centre Dr. / Poway, CA 92064/
Phone: 800-727-8953 Fax: 800-205-9819/ Website: www.hunterdouglascontract.com,
or architect approved equivalent. Contact the following for project assistance and
dealer referral @ 800-964-2580: (Midwest/Midwest) Keith Burgess ext. #827311,
(Southern/Central) Christopher Hagen ext. #827312, (Western/Mountain/Upper
Midwest) David Cover ext. #827313, (Northeast) Patrick LeClair ext. #827314.
- B.** Product substitutions must be approved by architect minimum of 30 days prior to close of bid.

2.02 1" MINI HORIZONTAL ALUMINUM BLINDS

- A. PRODUCT:** Hunter Douglas "CE81 1" Aluminum Blind"

B. MATERIALS:

- 1. SLATS:** 1" wide x .008" thick, heat-treated and spring tempered (except 5000 series alloy on metallized finishes) aluminum alloy 6011 with eased corners and manufacturing burrs removed. Product to have a minimum of 95% pre-consumer recycled content. Furnish not less than nominal 13.8 slats per foot to ensure tight closure and light control. Finish with manufacturer's standard baked-on finish in colors selected by architect from manufacturer's available contract colors utilizing Dust Shield™ finish to inhibit dust build-up for easier maintenance.
- 2. SLAT SUPPORT:** Braided ladders of 100% polyester yarn color compatible with slats and spacing of ladder no more than 22mm.
- 3. HEADRAIL:** U-shaped profile with rolled edges, measuring 1" x 1 1/2" x .024" constructed of corrosion resistant steel. Internally fit with components required for specified performance and designed for smooth, quiet, trouble-free operation. Headrail finish to be standard baked-on polyester and to match slats. Ends fitted with .030" steel end lock with adjustable tab for centering blinds.
- 4. BOTTOM RAIL:** Steel, with corrosion-resistant finish formed with double-lock seam into closed oval shape for optimum beam and torsional strength. Ends fitted with

color-coordinated engineered polymer caps. Color-coordinated engineered polymer tape buttons secure the ladder and cord. Bottom Rail finish to be standard baked-on polyester color coordinated to slats.

- 5. LIFTING MECHANISM:** Crashproof steel cordlocks with corrosion-resistant finish, two-ply polyester cord filler in braided polyester jacket lift cords, cord equalizers, cordlock adapter, and Cord Stop/Single Pull Cord. Located on either side of individual blind unit as per architect's request.
- 6. TILTING MECHANISM:** Permanently lubricated die-cast worm and gear type tilter gear mechanism in fully enclosed housing with clutch action to protect ladder tapes from over rotation of the solid steel, corrosion resistant tilt rod.
- 7. TILT CONTROL WAND:** Tubular shaped 7/16" diameter extruded clear plastic, ribbed for positive grip and detachable without tools. Located on either side of individual blind unit as per architect's request.
- 8. MOUNTING HARDWARE:** Manufacturer's standard .042" steel box brackets with baked-on polyester finish to match headrail with additional support brackets for blinds over 60" wide.
- 9. ADDITIONAL AVAILABLE OPTIONS:** Limited Tilt, Ring Pulls, Pivot Plates, Two-Position Cord Locks, Color Striping, 2 or 3 Blinds on 1 Headrail, Valances, Side Channels (limited colors available), Hold Down Brackets, Cutouts, Perforated Slat.

2.03 FABRICATION

- A.** Blind measurements shall be accurate to within + 1/8" or as recommended in writing by manufacturer.

2.04 FINISHES

- A. SLAT** finish selection from the following: 001 Glacier White, 002 Alabaster, 064 Bronze, 065 Brushed Aluminum, 110 Gloss White, 127 Linen Flirt, 205 Fawn, 268 Crème de la Crème, 269 Chenille, 270 Linen, 748 Shadow Gray, 795 Surf, 830 Almond, 885 Flex White, 973 Antique White, 974 Pearl.
- B. SLAT SUPPORT** braided ladders shall be color coordinated with slat.

H200 2" Aluminum Horizontal Blinds



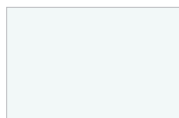
Offering maximum strength and sleek styling, our H2 blinds give the traditional look of 2" slats and can be optimized for a range of design applications. Model H200 features heavy-duty slats of .008" gauge aluminum, a low-profile steel headrail, and superior light control with 42mm tape spacing.

KEY FEATURES

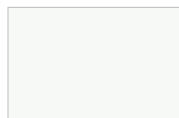
- 1 1/2" x 2 1/4" x .024" Headrail
- Heat-treated, spring-tempered aluminum slats
- Closed oval steel bottom rail provides optimal strength to prevent bowing
- Slats contain 95% recycled aluminum content and are GREENGUARD Indoor Air Quality Certified®
- Cord stop to single cord pull
- Ladder tapes in vinyl, polyester or cloth
- Lifetime Guarantee



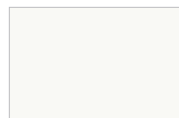
125 Bright White



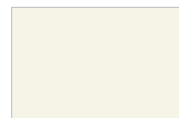
885 Flex White



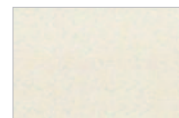
110 Gloss White



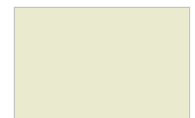
974 Pearl



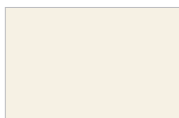
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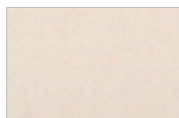
830 Almond



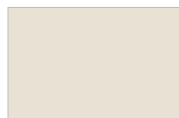
173 Eggshell



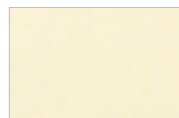
973 Antique White



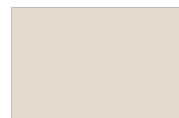
269 Chenille



270 Linen



350 Vanilla



205 Fawn



186 Beige



064 Bronze



018 Satin Silver



748 Shadow Gray



190 Bright Aluminum



413 Hunter Green



C O N S S 0 9 H 2 0 0

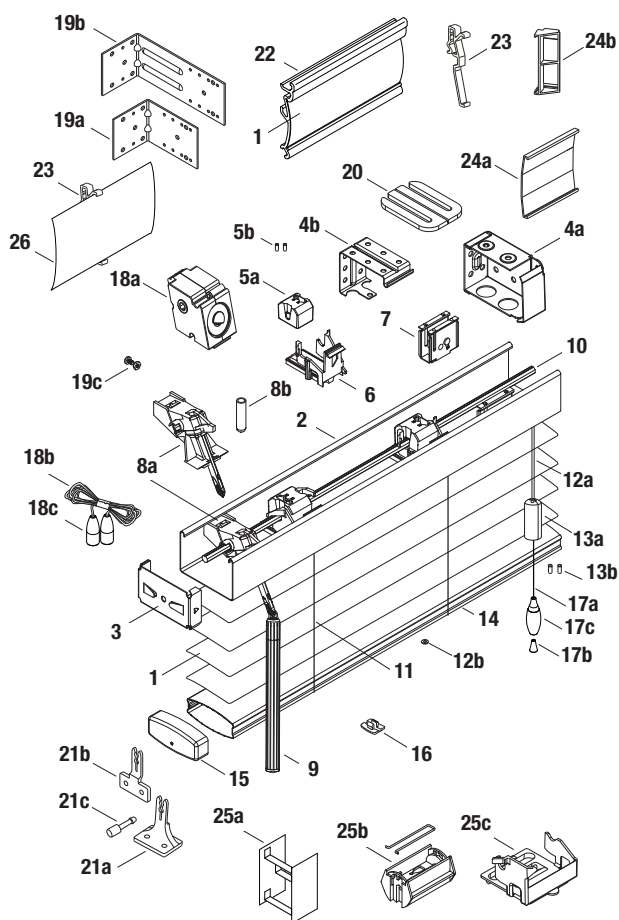
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STANDARD COMPONENTS:

1. Slat
2. Headrail
3. Headrail End Lock
- 4a. Installation Bracket
- 4b. Intermediate Support Bracket
- 5a. Tape Roll/Bead Type
- 5b. Cable Tape Grommet
6. Tape Roll Support
7. Cordlock
- 8a. Wand Tilter
- 8b. Tilter Protector
9. Wand
10. Tilt Rod
11. Cable Tape
- 12a. Lift Cord 1.4mm
- 12b. Lift Cord Grommet
- 13a. Cord Stop
- 13b. Safety Tassel Grommet
14. Bottom Rail
15. Bottom Rail End Cap
16. Tape Button
- 17a. Lift Cord
- 17b. Conical Tassel Washer
- 17c. Tassel

OPTIONAL COMPONENTS:

- 18a. Cord Tilter
- 18b. Tilt Cord 1.4mm
- 18c. Tilter Tassels
- 19a. Short Extension Bracket
- 19b. Long Extension Bracket
- 19c. Extension Bracket Screw and Nut
20. Bracket Shim
- 21a. Hold-Down Bracket (Sill)
- 21b. Hold-Down Bracket (Jamb)
- 21c. Hold-Down Pin
22. Optional Valance
23. Valance Clip
- 24a. Valance Splice
- 24b. Valance Corner Clip
- 25a. Decorative Ladder Tape
- 25b. Decorative Tape Roll
- 25c. Wide Tape Roll Support
26. Standard Valance

PRODUCT SPECIFICATIONS

PART 2 – PRODUCTS

2.01 ACCEPTABLE MANUFACTURER

- A. Hunter Douglas Contract/ 12250 Parkway Centre Dr. / Poway, CA 92064/
Phone: 800-727-8953 Fax: 800-205-9819/ Website: www.hunterdouglascontract.com,
or architect approved equivalent. Contact the following for project assistance and
dealer referral @ 800-964-2580: (Mideast/Midwest) Keith Burgess ext. #827311,
(Southern/Central) Christopher Hagen ext. #827312, (Western/Mountain/Upper
Midwest) David Cover ext. #827313, (Northeast) Patrick LeClair ext. #827314.

- B. Product substitutions must be approved by architect minimum of 30 days prior to close of bid.

2.02 2" MINI HORIZONTAL ALUMINUM BLINDS

- A. **PRODUCT:** Hunter Douglas "H200 2" Aluminum Blind"

B. MATERIALS:

1. **SLATS:** 2" wide x .008" thick, heat-treated and spring tempered (except 5000 series alloy on metallized finishes) aluminum alloy 6011 with eased corners and manufacturing burrs removed. Product to have a minimum of 95% pre-consumer recycled content. Furnish not less than nominal 7.2 slats per foot to ensure tight closure and light control. Finish with manufacturer's standard baked-on finish in colors selected by architect from manufacturer's available contract colors utilizing Dust Shield™ finish to inhibit dust build-up for easier maintenance.
2. **SLAT SUPPORT:** Braided ladders of 100% polyester yarn color compatible with slats and spacing of ladder no more than 42mm.
3. **HEADRAIL:** U-shaped profile with rolled edges, measuring 1 1/2" x 2 1/4" x .024" constructed of corrosion resistant steel. Internally fit with components required for specified performance and designed for smooth, quiet, trouble-free operation. Headrail finish to be standard baked-on polyester and to match slats. Ends fitted with zinc coated steel end lock with adjustable tab for centering blinds.
4. **BOTTOM RAIL:** .019" steel, with corrosion-resistant finish formed with double-lock seam into closed oval shape for optimum beam and torsional strength. Ends fitted

with color-coordinated engineered polymer caps. Color-coordinated engineered polymer tape buttons secure the ladder and cord. Bottom Rail finish to be standard baked-on polyester color coordinated to slats.

5. **LIFTING MECHANISM:** Crashproof steel cordlocks with corrosion-resistant finish and steel locking dogs, polyester cord which meet or exceed commercial specifications No/ 1029-86 lift cords, and Cord Stop/Single Pull Cord. Located on either side of individual blind unit as per architect's request.
6. **TILTING MECHANISM:** Die-cast helical worm and gear type tilter gear mechanism in polymer housing with clutch action to protect ladder tapes from over rotation of the solid steel, corrosion resistant tilt rod.
7. **TILT CONTROL WAND:** Tubular shaped 7/16" diameter extruded clear plastic, ribbed for positive grip and detachable without tools. Located on either side of individual blind unit as per architect's request.
8. **MOUNTING HARDWARE:** Manufacturer's standard .030" steel box brackets with baked-on polyester finish to match headrail with additional support brackets for blinds over 84" wide.
9. **ADDITIONAL AVAILABLE OPTIONS:** Cord Tilt, Ring Pulls, Valance, Hold Down Brackets, 2 or 3 Blinds on 1 Headrail, Cutouts.

2.03 FABRICATION

- A. Blind measurements shall be accurate to within + 1/8" or as recommended in writing by manufacturer.

2.04 FINISHES

- A. **SLAT** finish selection from the following: 002 Alabaster, 018 Satin Silver, 064 Bronze, 110 Gloss White, 125 Bright White, 174 Eggshell, 186 Beige, 190 Bright Aluminum, 206 Fawn, 269 Chenille, 270 Linen, 350 Vanilla, 413 Hunter Green, 748 Shadow Gray, 830 Almond, 885 Flex White, 973 Antique White, 974 Pearl.
- B. **SLAT SUPPORT** braided ladders shall be color coordinated with slat.

H2TN 2" Aluminum Horizontal Blinds

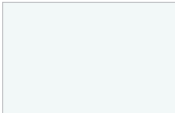
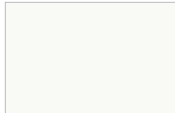
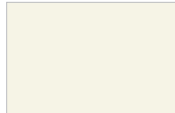
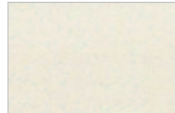
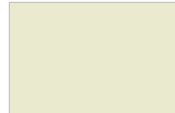
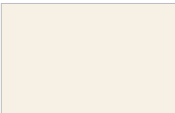
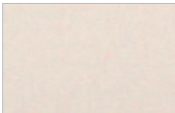
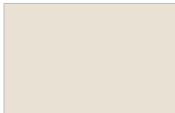



Offering maximum strength and sleek styling, our H2 blinds give the traditional look of 2" slats and can be optimized for a range of design applications. Model H2TN (School Blind) is optimized for the design and durability requirements of academic institutions, with sturdy vinyl tapes, 2.2mm cords, and cord tilt.

KEY FEATURES

- 1 1/2" x 2 1/4" x .024" Headrail
- Heat-treated, spring-tempered aluminum slats
- Closed oval steel bottom rail provides optimal strength to prevent bowing
- Slats contain 95% recycled aluminum content and are GREENGUARD Indoor Air Quality Certified®
- Cord stop to single cord pull
- Ladder tapes in vinyl, polyester or cloth
- Lifetime Guarantee



						
125 Bright White	885 Flex White	110 Gloss White	974 Pearl	002 Alabaster	830 Almond	173 Eggshell
						
973 Antique White	269 Chenille	270 Linen	350 Vanilla	205 Fawn	186 Beige	064 Bronze
						
018 Satin Silver	748 Shadow Gray	190 Bright Aluminum	413 Hunter Green			



C O N S S 0 9 H 2 T N

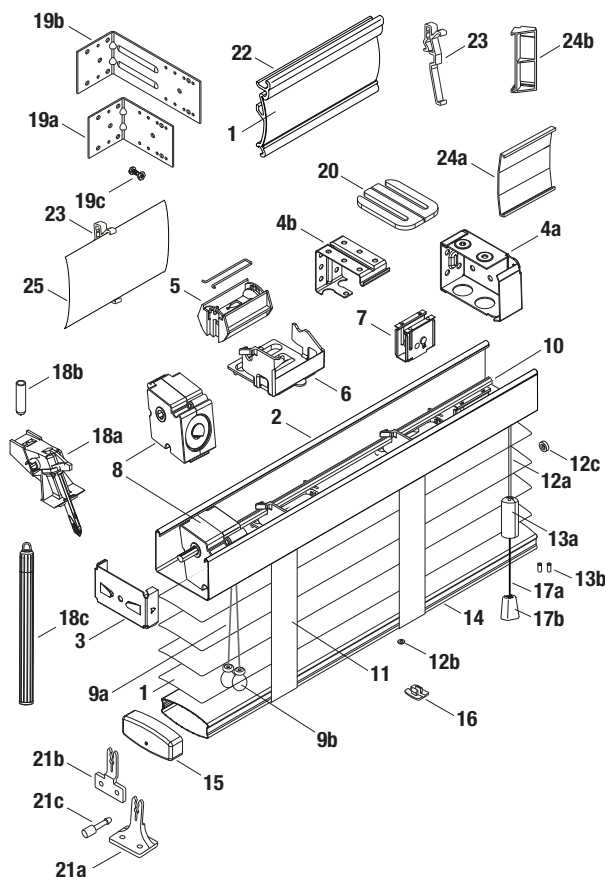
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STANDARD COMPONENTS:

1. Slat
2. Headrail
3. Headrail End Lock
- 4a. Installation Bracket
- 4b. Intermediate Support Bracket
5. Tape Roll
6. Tape Roll Support
7. Cordlock
8. Cord Tilter
- 9a. Tilt Cord 2.2mm
- 9b. Tilter Tassels
10. Tilt Rod
11. Cable Tape
- 12a. Lift Cord 2.2mm
- 12b. Lift Cord Grommet
- 12c. Safety Cord Stop
- 13a. Cord Stop
- 13b. Safety Tassel Grommet
14. Bottom Rail
15. Bottom Rail End Cap
16. Tape Button
- 17a. Lift Cord
- 17b. Universal Cover/Tassel

OPTIONAL COMPONENTS:

- 18a. Wand Tilter
- 18b. Tilter Protector
- 18c. Wand
- 19a. Short Extension Bracket
- 19b. Long Extension Bracket
- 19c. Extension Bracket Screw and Nut
20. Bracket Shim
- 21a. Hold-Down Bracket (Sill)
- 21b. Hold-Down Bracket (Jamb)
- 21c. Hold-Down Pin
22. Optional Valance
23. Valance Clip
- 24a. Valance Splice
- 24b. Valance Corner Clip
25. Standard Valance

PRODUCT SPECIFICATIONS

PART 2 – PRODUCTS

2.01 ACCEPTABLE MANUFACTURER

- A. Hunter Douglas Contract/ 12250 Parkway Centre Dr. / Poway, CA 92064/
Phone: 800-727-8953 Fax: 800-205-9819/ Website: www.hunterdouglascontract.com,
or architect approved equivalent. Contact the following for project assistance and
dealer referral @ 800-964-2580: (Midwest/Midwest) Keith Burgess ext. #827311,
(Southern/Central) Christopher Hagen ext. #827312, (Western/Mountain/Upper
Midwest) David Cover ext. #827313, (Northeast) Patrick LeClair ext. #827314.

- B. Product substitutions must be approved by architect minimum of 30 days prior to close of bid.

2.02 2" MINI HORIZONTAL ALUMINUM BLINDS

- A. **PRODUCT:** Hunter Douglas "H2TN (School Blind) 2" Aluminum Blind"

B. MATERIALS:

1. **SLATS:** 2" wide x .008" thick, heat-treated and spring tempered (except 5000 series alloy on metallized finishes) aluminum alloy 6011 with eased corners and manufacturing burrs removed. Product to have a minimum of 95% pre-consumer recycled content. Furnish not less than nominal 7.2 slats per foot to ensure tight closure and light control. Finish with manufacturer's standard baked-on finish in colors selected by architect from manufacturer's available contract colors utilizing Dust Shield™ finish to inhibit dust build-up for easier maintenance.
2. **SLAT SUPPORT:** Vinyl tapes constructed of one-piece vinyl with 1 1/2" wide twin or single-ladders and uniform spacing of 16 ladders to 26" of tape (42mm). Tapes and ladders exceed commercial specification No. 1029-86 and provide a maximum 34" distance between tapes.
3. **HEADRAIL:** U-shaped profile with rolled edges, measuring 1 1/2" x 2 1/4" x .024" constructed of corrosion resistant steel. Internally fit with components required for specified performance and designed for smooth, quiet, trouble-free operation. Headrail finish to be standard baked-on polyester and to match slats. Ends fitted with zinc coated steel end lock with adjustable tab for centering blinds.

4. **BOTTOM RAIL:** .019" steel, with corrosion-resistant finish formed with double-lock seam into closed oval shape for optimum beam and torsional strength. Ends fitted with color-coordinated engineered polymer caps. Color-coordinated engineered polymer tape buttons secure the ladder and cord. Bottom Rail finish to be standard baked-on polyester color coordinated to slats.
5. **LIFTING MECHANISM:** Crashproof steel cordlocks with corrosion-resistant finish, steel locking dogs, hexagon pulley, polyester 2.2mm lift cords, and Break-Thru® safety tassel. Located on either side of individual blind unit as per architect's request.
6. **TILTING MECHANISM:** Cord tilter consisting of zinc die-cast helical gear type driven by a worm in enclosed polymer housing, 2.2mm polyester cord, and solid steel corrosion resistant tilt rod.
7. **TILT CONTROL CORD:** 2.2mm polyester cord. Located on either side of individual blind unit as per architect's request.
8. **MOUNTING HARDWARE:** Manufacturer's standard .030" steel box brackets with baked-on polyester finish to match headrail with additional support brackets for blinds over 84" wide.
9. **ADDITIONAL AVAILABLE OPTIONS:** Wand Tilt, Ring Pulls, Valance, Hold Down Brackets, 2 or 3 Blinds on 1 Headrail, Cutouts.

2.03 FABRICATION

- A. Blind measurements shall be accurate to within + 1/8" or as recommended in writing by manufacturer.

2.04 FINISHES

- A. **SLAT** finish selection from the following: 002 Alabaster, 018 Satin Silver, 064 Bronze, 110 Gloss White, 125 Bright White, 174 Eggshell, 186 Beige, 190 Bright Aluminum, 206 Fawn, 269 Chenille, 270 Linen, 350 Vanilla, 413 Hunter Green, 748 Shadow Gray, 830 Almond, 885 Flex White, 973 Antique White, 974 Pearl.
- B. **SLAT SUPPORT** braided ladders shall be color coordinated with slat.

H282 2" Aluminum Horizontal Blinds



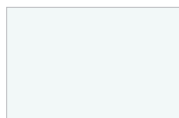
Our Model H282 aluminum blind with 42mm tape spacing and de-Light™ feature is an optimal fit for larger spaces where light control is most important, including auditoriums, conference rooms, and more.

KEY FEATURES

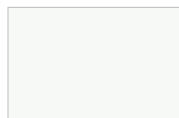
- 1 1/2" x 2 1/4" x .024" Headrail
- Heat-treated, spring-tempered aluminum slats
- Slats contain 95% recycled aluminum content and are GREENGUARD Indoor Air Quality Certified®
- de-Light™ feature eliminates light leakage
- Ladder tapes in vinyl, polyester, or fabric
- Cord stop to single pull cord
- Closed oval bottom rail
- Lifetime Guarantee



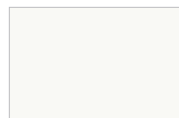
125 Bright White



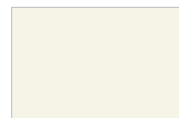
885 Flex White



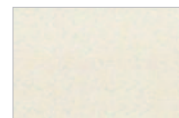
110 Gloss White



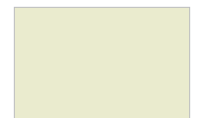
974 Pearl



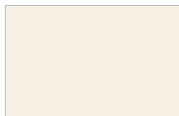
002 Alabaster



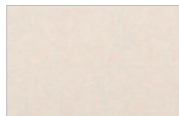
830 Almond



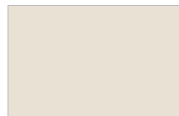
173 Eggshell



973 Antique White



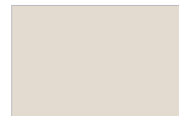
269 Chenille



270 Linen



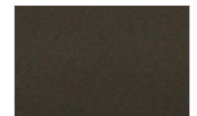
350 Vanilla



205 Fawn



186 Beige



064 Bronze



018 Satin Silver



748 Shadow Gray



190 Bright Aluminum



413 Hunter Green



C O N S S 0 9 H 2 8 2

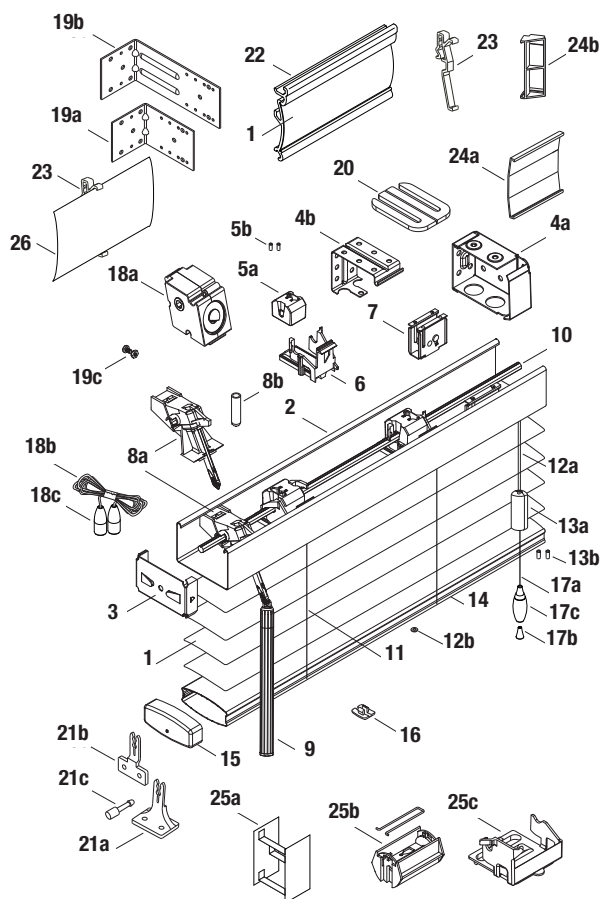
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STANDARD COMPONENTS:

1. Slat
2. Headrail
3. Headrail End Lock
- 4a. Installation Bracket
- 4b. Intermediate Support Bracket
- 5a. Tape Roll / Bead Type
- 5b. Cable Tape Grommet
6. Tape Roll Support
7. Cordlock
- 8a. Wand Tilter
- 8b. Tilter Protector
9. Wand
10. Tilt Rod
11. Cable Tape
- 12a. Lift Cord 1.4mm
- 12b. Lift Cord Grommet
- 13a. Cord Stop
- 13b. Safety Tassel Grommet
14. Bottom Rail
15. Bottom Rail End Cap
16. Tape Button
- 17a. Lift Cord
- 17b. Conical Tassel Washer
- 17c. Tassel

OPTIONAL COMPONENTS:

- 18a. Cord Tilter
- 18b. Tilt Cord 1.4mm
- 18c. Tilter Tassels
- 19a. Short Extension Bracket
- 19b. Long Extension Bracket
- 19c. Extension Bracket Screw and Nut
20. Bracket Shim
- 21a. Hold-Down Bracket (Sill)
- 21b. Hold-Down Bracket (Jamb)
- 21c. Hold-Down Pin
22. Optional Valance
23. Valance Clip
- 24a. Valance Splice
- 24b. Valance Corner Clip
- 25a. Decorative Ladder Tape
- 25b. Decorative Tape Roll
- 25c. Wide Tape Roll Support
26. Standard Valance

PRODUCT SPECIFICATIONS

PART 2 – PRODUCTS

2.01 ACCEPTABLE MANUFACTURER

- A. Hunter Douglas Contract/ 12250 Parkway Centre Dr. / Poway, CA 92064/
Phone: 800-727-8953 Fax: 800-205-9819/ Website: www.hunterdouglascontract.com,
or architect approved equivalent. Contact the following for project assistance and
dealer referral @ 800-964-2580: (Mideast/Midwest) Keith Burgess ext. #827311,
(Southern/Central) Christopher Hagen ext. #827312, (Western/Mountain/Upper
Midwest) David Cover ext. #827313, (Northeast) Patrick LeClair ext. #827314.
- B. Product substitutions must be approved by architect minimum of 30 days prior to close of bid.

2.02 2" HORIZONTAL ALUMINUM BLINDS

- A. **PRODUCT:** Hunter Douglas "H282 2" Aluminum Blind"

B. MATERIALS:

1. **SLATS:** 2" wide x .008" thick, heat-treated and spring tempered (except 5000 series alloy on metallized finishes) aluminum alloy 6011 with eased corners and manufacturing burrs removed. Product to have a minimum of 95% pre-consumer recycled content. Furnish not less than nominal 7.2 slats per foot routed on back edge (de-Light™ feature) to ensure superior closure and light control. Finish with manufacturer's standard baked-on finish in colors selected by architect from manufacturer's available contract colors utilizing Dust Shield™ finish to inhibit dust build-up for easier maintenance.
2. **SLAT SUPPORT:** Braided ladders of 100% polyester yarn color compatible with slats and spacing of ladder no more than 42mm.
3. **HEADRAIL:** U-shaped profile with rolled edges, measuring 1 1/2" x 2 1/4" x .024" constructed of corrosion resistant steel. Internally fit with components required for specified performance and designed for smooth, quiet, trouble-free operation. Headrail finish to be standard baked-on polyester and to match slats. Ends fitted with zinc coated steel end lock with adjustable tab for centering blinds.
4. **BOTTOM RAIL:** .019" steel, with corrosion-resistant finish formed with double-lock seam into closed oval shape for optimum beam and torsional strength. Ends fitted

with color-coordinated engineered polymer caps. Color-coordinated engineered polymer tape buttons secure the ladder and cord. Bottom Rail finish to be standard baked-on polyester color coordinated to slats.

5. **LIFTING MECHANISM:** Crashproof steel cordlocks with corrosion-resistant finish and steel locking dogs, polyester cord which meet or exceed commercial specifications No/ 1029-86 lift cords, and Cord Stop/Single Pull Cord. Located on either side of individual blind unit as per architect's request.
6. **TILTING MECHANISM:** Die-cast helical worm and gear type tilter gear mechanism in polymer housing with clutch action to protect ladder tapes from over rotation of the solid steel, corrosion resistant tilt rod.
7. **TILT CONTROL WAND:** Tubular shaped 7/16" diameter extruded clear plastic, ribbed for positive grip and detachable without tools. Located on either side of individual blind unit as per architect's request.
8. **MOUNTING HARDWARE:** Manufacturer's standard .030" steel box brackets with baked-on polyester finish to match headrail with additional support brackets for blinds over 84" wide.
9. **ADDITIONAL AVAILABLE OPTIONS:** Cord Tilt, Ring Pulls, Valance, Hold Down Brackets, 2 or 3 Blinds on 1 Headrail, Cutouts.

2.03 FABRICATION

- A. Blind measurements shall be accurate to within + 1/8" or as recommended in writing by manufacturer.

2.04 FINISHES

- A. **SLAT** finish selection from the following: 002 Alabaster, 018 Satin Silver, 064 Bronze, 110 Gloss White, 125 Bright White, 174 Eggshell, 186 Beige, 190 Bright Aluminum, 206 Fawn, 269 Chenille, 270 Linen, 350 Vanilla, 413 Hunter Green, 748 Shadow Gray, 830 Almond, 885 Flex White, 973 Antique White, 974 Pearl.
- B. **SLAT SUPPORT** braided ladders shall be color coordinated with slat

Duette® FR Honeycomb Shades



HunterDouglasContract

WINDOW COVERINGS



The durable, energy-efficient design of our Duette® FR Honeycomb Shades makes them an industry standard. Their superior functionality is ideal for healthcare and assisted living centers, government/military buildings and a wide variety of public spaces. Duette® FR Shades provide exceptional light control, stringent flame retardance and significant insulating and acoustical properties.

SUSTAINABLE CONSTRUCTION

Certified for low emissions by the GREENGUARD Environmental Institute and passes strict requirements of GREENGUARD Children and SchoolsSM.

ENERGY EFFICIENT

The honeycomb design enhances R-value and shading coefficient, and provides 99% UV blocking. Air pockets reduce flow of heat through window, keeping heat in during the winter and out during the summer.

INNOVATIVE DURABILITY

Durable headrail comprised of aluminum alloy accommodates shade widths to 174" and shade heights to 174".

FABRIC COVERED HEADRAIL

Standard with LiteRise® and EasyRise™ systems.

LIFETIME GUARANTEE

Operating Systems



Standard Cordlock

Standard cord operation.



EasyRise™

This continuous cord loop and clutch assembly makes operating large shades easy.



LiteRise®

A cordless system with a proprietary design allows you to raise and lower shades with the touch of a finger. No lift cords for a clean, uncluttered look and enhanced safety. Available in ¾" only.



Top-Down/Bottom-Up

Operate shades from the top down, the bottom up or in combination.



Motorization

Versatile range of motors and controls to maximize shading benefits.



Specialty Shapes

Options include: arches, angles, trapezoids, circles, hexagons, octagons, and skylights.

FR Fabrics

Fabrics

- Available in two soft, seamless, non-woven polyester fabrics
- Fabrics meet or exceed all requirements of NFPA 701 small scale flammability testing for commercial applications
- Block 99% of UV light rays to prevent fading
- Fabrics are neutral to the exterior, ensuring a consistent appearance from the outside

Opaque

- ¾" pleat
- Winter R-value = 5.74*
- Solar shading coefficient = 0.25

Semi-Opaque

- ¾" and ⅝" pleat sizes
- ¾" Winter R-value = 5.16
- ¾" Solar shading coefficient = 0.36
- ⅝" Winter R-value = 5.63
- ⅝" Solar shading coefficient = 0.31

* R-value includes the 3.5 R-value added by a standard low-e double glazed window.

Additional Options

Inside mount / outside mount or end mount, spacer blocks, extension brackets, swivel brackets (inside mount only), end mount brackets, hold-down brackets, cut-outs (surcharge), cord length.



Shade sizes vary based on fabric selection and hardware system. See Specifications section in the binder, or visit our website for a complete list of product specifications.

Duette® FR Honeycomb Shades



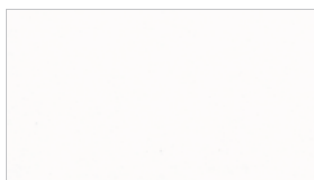
The durable, energy-efficient design of Duette® FR Honeycomb Shades makes them an ideal choice for healthcare and assisted living centers, government/military buildings, and a wide range of public spaces.

KEY FEATURES

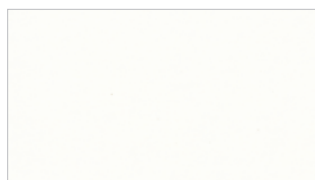
- GREENGUARD Indoor Air Quality Certified® and GREENGUARD Children and Schools™ certified for low-emitting products
- Fabrics meet all requirements of NFPA 701 small scale flammability testing for commercial applications
- Energy-efficient honeycomb design
- Fabric covered headrail standard with LiteRise® and EasyRise™
- Motorization available
- Lifetime Guarantee



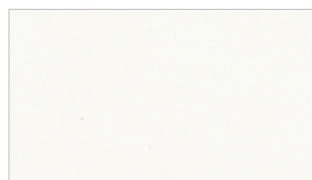
Fabrics: 3/4" Semi-Opaque (D20), 3/4" Opaque (D16) and 3/8" Semi-Opaque (D21)



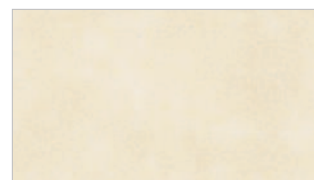
951 Daisy White



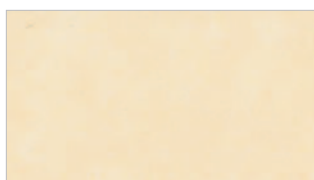
949 White Iris



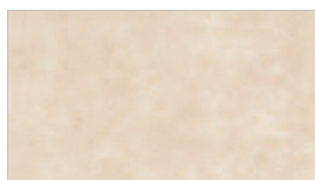
953 Linen



907 Beach Shells



989 Bisque



931 Flowering Cactus



927 Moss Green



447 Colonial Blue



C O N S S 0 9 D U E T

HunterDouglasContract

WINDOW COVERINGS

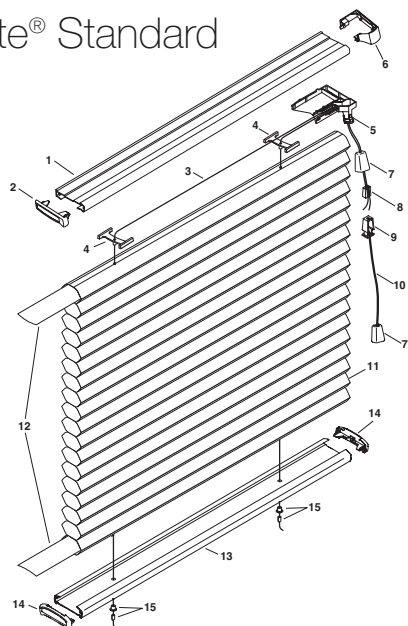
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Duette® Standard

Fig.1

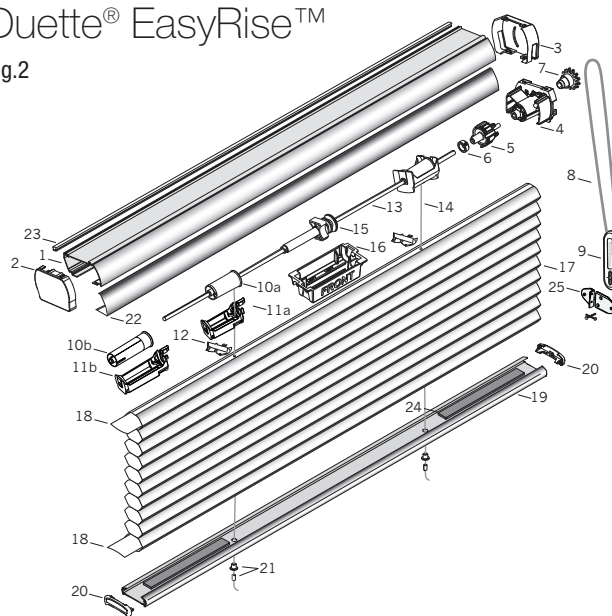


STANDARD COMPONENTS: (Fig.1)

- | | |
|---------------------------|--------------------------|
| 1. Headrail | 10. Tassel Cord |
| 2. Headrail End Cap | 11. Fabric |
| 3. Ultrawear™ Cord | — 3/8" Pleat Semi-Opaque |
| 4. Cord Guide | — 3/4" Pleat Semi-Opaque |
| 5. Cordlock Body | — 3/4" Pleat Opaque |
| 6. Cordlock Cover | 12. Filler Strip |
| 7. Universal Cover/Tassel | 13. Bottom Rail |
| 8. Cord Equalizer | 14. Bottom Rail End Cap |
| 9. Equalizer Housing | 15. Pocket & Ferrule |

Duette® EasyRise™

Fig.2



EASYRISE™ COMPONENTS (Fig.2)

- | | |
|----------------------------------|--------------------------------|
| 1. Headrail | 13. V-Shaft |
| 2. Headrail End cap | 14. 0.9mm Cord |
| 3. Clutch Mount Cover | 15. Drop Stop Assembly |
| 4. Clutch Mount Assembly | 16. Drop Stop Housing |
| 5. Gear Box Assembly | 17. Fabric |
| 6. Locking Collar with Set Screw | 18. Filler Strip |
| 7. Cord Sprocket | 19. Duette® Bottom Rail |
| 8. Cord Loop | 20. Duette Bottom Rail End Cap |
| 9. Universal Cord Tensioner | 21. Pocket & Ferrule |
| 10a. Lift Spool (Standard) | 22. Valance |
| 10b. Lift Spool (Long Drop) | 23. Light-Block Strip |
| 11a. Spool Support (Standard) | 24. Bottom Rail Weight |
| 11b. Spool Support (Long Drop) | 25. Universal Cord Tensioner |
| 12. Spool Support Adaptor | Mounting Kit (Inside/Outside) |

PRODUCT SPECIFICATIONS

PART 2 – PRODUCTS

2.01 ACCEPTABLE MANUFACTURER

- A.** Hunter Douglas Contract/ 12250 Parkway Centre Dr. / Poway, CA 92064/
Phone: 800-727-8953 Fax: 800-205-9819/ Website: www.hunterdouglascontract.com,
or architect approved equivalent. Contact the following for project assistance and
dealer referral @ 800-964-2580: (Mideast/Midwest) Keith Burgess ext. #827311,
(Southern/Central) Christopher Hagen ext. #827312, (Western/Mountain/Upper
Midwest) David Cover ext. #827313, (Northeast) Patrick LeClair ext. #827314.

- B.** Product substitutions must be approved by architect minimum of 30 days prior to close of bid.

2.02 COMMERCIAL HONEYCOMB SHADES

- A. PRODUCT:** Hunter Douglas “Duette® FR Honeycomb Shades”

B. MATERIALS:

- FABRIC:** Permanent flame-resistant textured, non-woven polyester formed into opaque 3/4" and 3/8" hexagonal honeycomb cells in stacked tubular construction. Single cell construction; with each cell an independent piece of fabric and containing a metallized polyester film core. Finish selected by architect from manufacturer's available contract colors.
- HEAD/BOTTOM RAIL:** Standard 3/4" fabric type measuring 1.875" x .460" x .040" thick, Standard 3/8" fabric type measuring 1.0625" x .447" x .040" thick, EasyRise™ 2" x 1.875" x .050" thick headrail with bottom rail measuring 1.875" x .460" x .469" thick. Constructed of aluminum alloy 6063. Internally fit with components required for specified performance and designed for smooth, quiet, trouble-free operation. Finish to be standard polyester based paint with a fabric-covered valance to coordinate with fabric (EasyRise™ headrail white finish, bottom rail to coordinate with fabric). Ends fitted with polycarbonate end caps color coordinated with fabric (EasyRise™ headrail end caps white, bottom rail end caps color-coordinated to sill rail).

- LIFTING MECHANISM:** Molded engineering plastic cordlock color-coordinated to fabric with stainless steel components providing durable and crash-proof operation (EasyRise™ white engineered plastic rotary clutch mechanism provides ease of operation when continuous cord loop is activated and holds shade in place unless force is applied). Color coordinated braided polyester .035" lift cord and .086" tassel cord, tassel, and stop-ball (EasyRise™ color-coordinated braided polyester .11" continuous cord loop provides uniform cord length with polycarbonate cored tensioner for additional safety. White nylon covered polyester 2.45mm wide x 0.17mm thick lift tape allows for easy operation of heavy shades). Located on either side of individual shade unit as per architect's request.
- MOUNTING HARDWARE:** Manufacturer's standard polycarbonate universal hidden brackets (EasyRise™ nylon coated zinc-plated 1040 steel HR steel), provide a sleek, unobtrusive appearance.
- ADDITIONAL AVAILABLE OPTIONS:** Top-Down, Top-Down/Bottom-Up, 2 Blinds on 1 Headrail, Specialty Shapes, Skylight System, Hold Down Brackets, Motorization (EasyRise™: Hold Down Brackets, Motorization)

2.03 FABRICATION

- A.** Blind measurements shall be accurate to within + 1/8" or as recommended in writing by manufacturer.

2.04 FINISHES

- A. FABRIC** finish to be duotone with neutral tone facing the exterior and color selection facing the interior. Color selection from the following: 951 Daisy White, 949 White Iris, 953 Linen, 907 Beach Shells, 989 Bisque, 931 Flowering Cactus, 927 Moss Green, 447 Colonial Blue.

Wood and Alternative Wood Blinds



HunterDouglasContract

WINDOW COVERINGS



Hunter Douglas FR Alternative Wood Blinds offer the look of luxurious hardwood blinds and are rated to pass NFPA 701. For applications not requiring FR performance, our Country Woods® Wood Blinds, Chalet Woods® Wood Blinds, EverWood® Alternative Wood Blinds, and WoodMates® Alternative Wood Blinds offer a wide range of additional choices.

SUSTAINABLE CONSTRUCTION

Certified for low emissions by the GREENGUARD Environmental Institute and passes strict requirements of GREENGUARD Children and SchoolsSM (excluding FR Alternative wood blinds).

RELIABLE HARDWARE

Durable headrail mechanism provides smoother operation and long life performance.

LIGHT CONTROL

Optional de-Light™ feature delivers privacy and daylight control by eliminating cord route holes in the slat to prevent light leakage.

INTEGRATED DESIGN

A variety of design options available, including valances and decorative tapes.

LIFETIME GUARANTEE

Operating Systems

Standard

Standard cord tilt holds and tilts slat at any angle.

LiteRise®

A cordless system with a proprietary design that holds blinds and shades securely in any position - no constant adjusting necessary - making it easy to raise your blinds with the touch of a finger. No lift cords for a clean, uncluttered look. Wand tilt with LiteRise® option also eliminates the tilt cords. (Not available for FR Alternative Wood Blinds)

Multiple Blinds On One Headrail

Two or three blinds share the same headrail.

Motorization

Versatile range of motors and controls to maximize shading benefits.

Specialty Shapes

Options include: arches, angles, trapezoids, circles, bay and corner windows, french doors, sliding glass doors, and cut-outs.

Materials

FR Alternative Wood Blinds

- 1/8" thick blend of polymer and specially selected composite materials. Available in 2" slat size

Country Woods® Wood Blinds

- 100% Hardwood. Available in 1", 1³/₈", 2", or 2⁵/₈" slat sizes

Chalet Woods® Wood Blinds

- 100% Hardwood. Available in 2" and 2¹/₂" slat sizes

EverWood® Alternative Wood Blinds

- Made from our proprietary mid-grade PVC-free polymer. Available in 2" slat size

WoodMates® Alternative Wood Blinds

- Made from our proprietary top-grade, PVC-free polymer. Available in 2" slat size

Additional Options

Selection of coordinated decorative tapes, hold-down brackets, extension brackets, wood wand tilt control, cord length, spacer blocks.



Blind dimensions vary based on material and hardware system. See Specifications section in the binder or visit our website for complete list of size limitations.

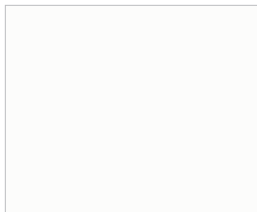
Country Woods® 1" Wood Blinds



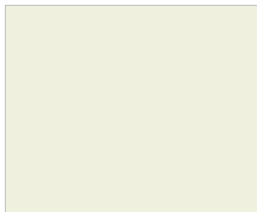
Country Woods® Wood Blinds from Hunter Douglas are the finest wood blinds in the industry. Made from 100% hardwood, Country Woods® are available in a wide range of paints and stains.

KEY FEATURES

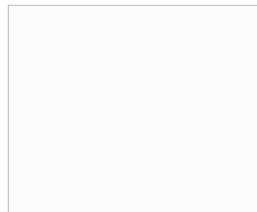
- GREENGUARD Indoor Air Quality Certified® and GREENGUARD Children and Schools® certified for low-emitting products
- Topshield™ II finishing process adds fade, moisture, scratch and chemical resistance to slats
- Selection of custom valances and decorative keystones
- Lifetime Guarantee



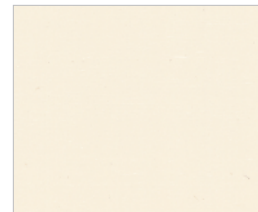
801 Bright White



808 Eggshell



867 Vivid White



809 Linen



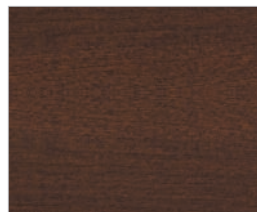
869 Cottage Pine



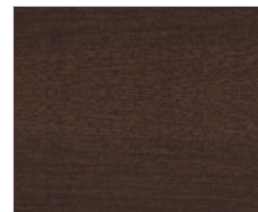
870 Warm Cherry



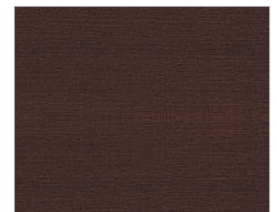
616 Harvest



617 Sienna



618 Tuscany



620 Shiraz



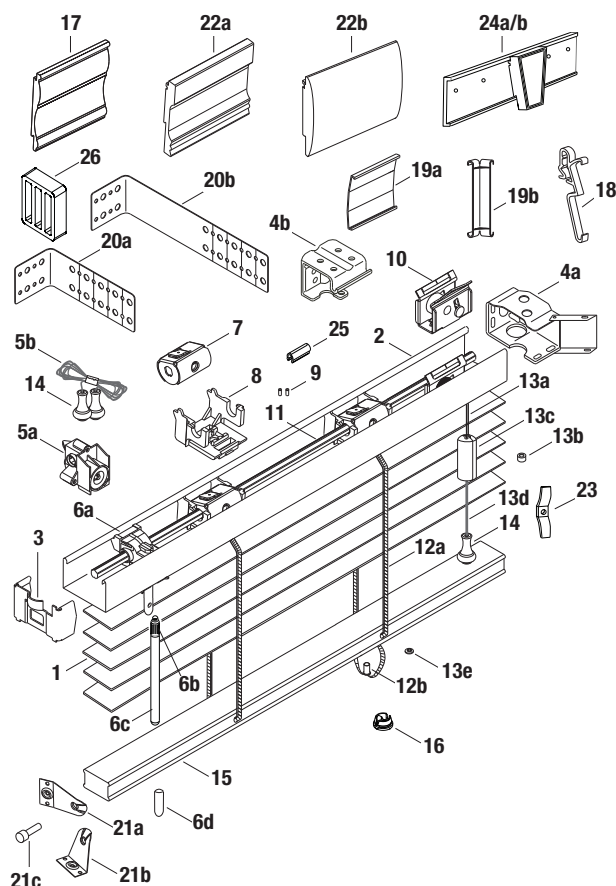
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WINDOW COVERINGS

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STANDARD COMPONENTS:

1. Slat
2. Headrail
3. Headrail End Lock
- 4a. Installation Bracket
- 4b. Intermediate Support Bracket
- 5a. Cord Tilter
- 5b. Tilt Cord 1.2 mm
- 6a. Wand Tilter
- 6b. Wand Connector Kit
- 6c. Wand
- 6d. Wand Stem Protector
7. Tape Roll
8. Tape Roll Support
9. "X" Tape Locator
10. Cordlock
11. Tiltrod
- 12a. Cable Tape
- 12b. 2" Cable Tape Grommet
- 13a. Lift Cord 1.4 mm
- 13b. Cord Stop Washer
- 13c. Cord Stop
- 13d. Tassel Cord 2.2 mm
- 13e. Lift Cord Grommet

14. Wood Tassel
15. Bottom Rail
16. Tape Button
17. Grandover™ Valance
18. Universal Valance Clip
- 19a. Valance Splice
- 19b. Universal Valance Corner Key

OPTIONAL COMPONENTS:

- 20a. Short Extension Bracket
- 20b. Long Extension Bracket
- 21a. Hold-Down Bracket (Jamb)
- 21b. Hold-Down Bracket (Sill)
- 21c. Hold-Down Pin
- 22a. Havencrest™ Valance
- 22b. Artemis™ Valance
23. Child Safety Kit (Cord Cleat)
- 24a. Decorative Keystone 3 3/4"
- 24b. Decorative Keystone 5"
25. Clip
26. Spacer Block

PRODUCT SPECIFICATIONS

PART 2 – PRODUCTS

2.01 ACCEPTABLE MANUFACTURER

- A. Hunter Douglas Contract/ 12250 Parkway Centre Dr. / Poway, CA 92064/
Phone: 800-727-8953 Fax: 800-205-9819/ Website: www.hunterdouglascontract.com,
or architect approved equivalent. Contact the following for project assistance and
dealer referral @ 800-964-2580: (Midwest/Midwest) Keith Burgess ext. #827311,
(Southern/Central) Christopher Hagen ext. #827312, (Western/Mountain/Upper
Midwest) David Cover ext. #827313, (Northeast) Patrick LeClair ext. #827314.
- B. Product substitutions must be approved by architect minimum of 30 days prior to close of bid.

2.02 1" HORIZONTAL WOOD BLINDS

- A. **PRODUCT:** Hunter Douglas "Country Woods® 1" Classics Horizontal Wood Blind"

B. MATERIALS:

1. **SLATS:** 1" wide x 1/8" thick cut from quality selected hardwood with slat ends stained or painted to match slat color. Furnish not less than nominal 13.9 slats per foot to ensure tight closure and light control. Finish with manufacturer's standard stained and lacquered or painted finish in colors selected by architect from manufacturer's available contract colors.
2. **SLAT SUPPORT:** Braided ladders of 100% polyester yarn color compatible with slats and spacing of ladder no more than 21.5mm.
3. **HEADRAIL:** U-shaped profile with rolled edges, measuring 1" x 1 1/2" x .024" constructed of corrosion resistant steel. Internally fit with components required for specified performance and designed for smooth, quiet, trouble-free operation. Headrail finish to be standard baked-on polyester and to coordinate with slats. Ends fitted with zinc-coated steel end lock with adjustable tab for centering blinds.
4. **BOTTOM RAIL:** 1" wide x 5/8" thick rectangular shape quality selected hardwood with ends stained or painted to match slats. Color-coordinated engineered polymer tape buttons secure the ladder and cord. Finish to be manufacturers standard stained and lacquered or painted finish to match slats.

5. **LIFTING MECHANISM:** Engineering polymer and galvanized steel housing cordlocks with polymer roller bearing and steel locking dogs, two-ply polyester cord filler in braided polyester jacket lift cords meet or exceed commercial specification 1029.86, and cord stop / tassel. Located on either side of individual blind unit as per architect's request.
6. **TILTING MECHANISM:** Standard wand tilt of worm and gear construction with slip clutch incorporated into tilter mechanism holds and tilts slats at any angle. Solid steel, corrosion resistant tilt rod.
7. **TILT CONTROL WAND:** Rounded 3/8" diameter constructed of quality selected hardwood stained and lacquered or painted to match slats and detachable without tools. Located on either side of individual blind unit as per architect's request.
8. **MOUNTING HARDWARE:** Manufacturer's standard .030" steel box brackets with baked-on polyester finish to match headrail with additional support brackets for blinds over 48" wide.
9. **VALANCE:** Crafted of selected hardwoods, stained and lacquered or painted to match slats.
10. **ADDITIONAL AVAILABLE OPTIONS:** Wand Tilt, 2 or 3 Blinds on 1 Headrail, Hold Down Brackets, Extension Brackets, Cutouts.

2.03 FABRICATION

- A. Blind measurements shall be accurate to within + 1/8" or as recommended in writing by manufacturer.

2.04 FINISHES

- A. **SLAT** finish selection from the following: 801 Bright White, 808 Eggshell, 867 Vivid White, 809 Linen, 869 Cottage Pine, 870 Warm Cherry, 616 Harvest, 617 Sienna, 618 Tuscany, 620 Shiraz.
- B. **SLAT SUPPORT** braided ladders shall be color coordinated with slat.

Country Woods® 2" Wood Blinds



Country Woods® Wood Blinds from Hunter Douglas are the finest wood blinds in the industry. Made from 100% hardwood, Country Woods® are available in a wide range of paints and stains.

KEY FEATURES

- GREENGUARD Indoor Air Quality Certified® and GREENGUARD Children and SchoolsSM certified for low-emitting products
- Optional de-Light™ feature delivers privacy and daylight control
- Topshield™ II finishing process adds fade, moisture, scratch and chemical resistance to slats
- Optional LiteRise® cordless lift system provides added child safety
- Selection of custom valances, decorative keystones and decorative tapes
- PowerTilt™ motorization available
- Lifetime Guarantee



801 Bright White	802 Super White	820 White	867 Vivid White	873 Classic White	868 Gardenia	875 Duck White	808 Eggshell
809 Linen	611 Swiss Coffee	610 Coconut	161 Ocean Breeze	163 Tea Light	162 Tranquil	612 Latte	830 Natural
180 Clear Pine (S)	876 Ranch Oak	831 Sugar Maple	613 Maple Honey	605 Sage	804 Golden Oak	869 Cottage Pine	616 Harvest
181 Amber Pine (S)	182 Russet Pine (S)	870 Warm Cherry	614 Spiced Mocha	114 Amaretto	806 Pecan	621 Chestnut	617 Sienna
615 Sequoia	113 Cabernet	602 Windsor Walnut	618 Tuscany	620 Shiraz	112 Black		

(S) signifies Country Woods Select™ slat finish



C O N S S O 9 C W 2

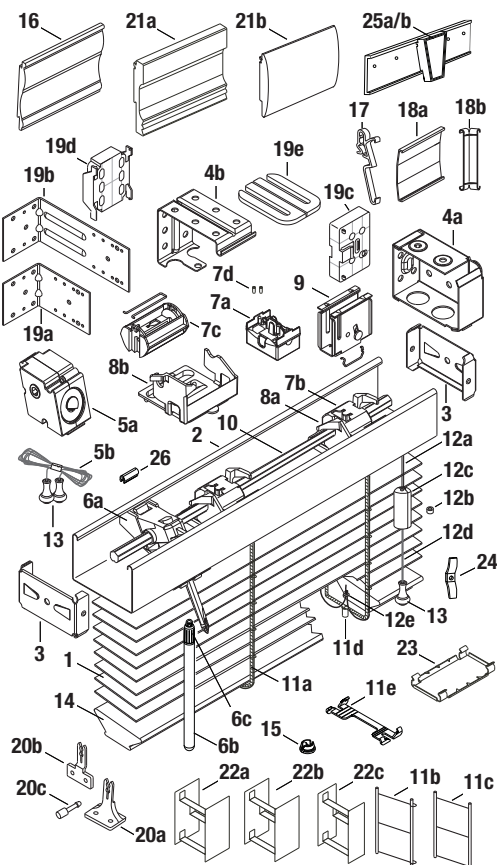
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WINDOW COVERINGS

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STANDARD COMPONENTS:

1. Slat
2. Headrail
3. Headrail End Lock
- 4a. Installation Bracket
- 4b. Intermediate Support Bracket
- 5a. Cord Tilter
- 5b. Tilt Cord 1.4 mm
- 6a. Wand Tilter
- 6b. Wand
- 6c. Wand Connector Kit
- 7a. Tape Roll/Slot Type
- 7b. Tape Roll/Bead Type
- 7c. Wide Tape Roll and Wireform
- 7d. "X" Tape Locator
- 8a. Cable Tape Roll Support
- 8b. Wide Tape Roll Support
9. Cordlock
10. Tiltrod
- 11a. Double Loop Cable Tape
- 11b. Single Loop Cable Tape
- 11c. No Loop Cable Tape
- 11d. 2" Cable Tape Grommet
- 11e. Tape Spacer
- 12a. Lift Cord 1.4 mm
- 12b. Cord Stop Washer
- 12c. Cord Stop
- 12d. Tassel Cord 2.2 mm
- 12e. Lift Cord Grommet

13. Wood Tassel
14. Bottom Rail
15. Tape Button
16. Grandover™ Valance
17. Universal Valance Clip
- 18a. Valance Splice
- 18b. Universal Valance Corner Key

OPTIONAL COMPONENTS:

- 19a. Short Extension Bracket
- 19b. Long Extension Bracket
- 19c. Spacer Block Bracket
- 19d. Spacer Block Support Bracket
- 19e. Bracket Shim
- 20a. Hold-Down Bracket (Sill)
- 20b. Hold-Down Bracket (Jamb)
- 20c. Hold-Down Pin
- 21a. Havencrest™ Valance
- 21b. Artemis™ Valance
- 22a. Solid Colored Decorative Tape
- 22b. Decorative Tape
- 22c. Narrow Decorative Tape
23. Tape Lock
24. Child Safety Kit (Cord Cleat)
- 25a. Decorative Keystone 3-3/4"
- 25b. Decorative Keystone 5"
26. Clip

PRODUCT SPECIFICATIONS

PART 2 – PRODUCTS

2.01 ACCEPTABLE MANUFACTURER

- A. Hunter Douglas Contract/ 12250 Parkway Centre Dr. / Poway, CA 92064/
Phone: 800-727-8953 Fax: 800-205-9819/ Website: www.hunterdouglascontract.com,
or architect approved equivalent. Contact the following for project assistance and
dealer referral @ 800-964-2580: (Midwest/Midwest) Keith Burgess ext. #827311,
(Southern/Central) Christopher Hagen ext. #827312, (Western/Mountain/Upper
Midwest) David Cover ext. #827313, (Northeast) Patrick LeClair ext. #827314.

- B. Product substitutions must be approved by architect minimum of 30 days prior to close of bid.

2.02 2" HORIZONTAL WOOD BLINDS

- A. **PRODUCT:** Hunter Douglas "Country Woods® 2" Horizontal Wood Blind"

B. MATERIALS:

1. **SLATS:** 2" wide x 1/8" thick cut from quality selected hardwood with slat ends stained or painted to match slat color. Furnish not less than nominal 6.9 slats per foot (cloth tapes 7.2 slats per foot) to ensure tight closure and light control. Finish with manufacturer's standard stained and lacquered or painted finish in colors selected by architect from manufacturer's available contract colors.
2. **SLAT SUPPORT:** Braided ladders of 100% polyester yarn color compatible with slats and spacing of ladder no more than 44mm. Optional cloth tapes constructed of high strength polyester webbing and spacing of no more than 44mm. Tapes spaced to comply with industry standards for size and weight of blind.
3. **HEADRAIL:** U-shaped profile with rolled edges, measuring 1 1/2" x 2 1/4" x .024" constructed of corrosion resistant steel and providing a sleek low profile design. Internally fit with components required for specified performance and designed for smooth, quiet, trouble-free operation. Headrail finish to be standard baked-on polyester and to coordinate with slats. Ends fitted with zinc-coated steel end lock with adjustable tab for centering blinds.
4. **BOTTOM RAIL:** 2" wide x 5/8" thick trapezoidal shape quality selected hardwood with ends stained or painted to match slats. Color-coordinated engineered polymer tape buttons secure the ladder and cord. Finish to be manufacturers standard stained and lacquered or painted finish to match slats.
5. **LIFTING MECHANISM:** Engineering polymer and galvanized steel housing cordlocks with polymer roller bearing and steel locking dogs, two-ply polyester cord filler in braided polyester jacket lift cords meet or exceed commercial specification

1029.86, and cord stop / tassel. Located on either side of individual blind unit as per architect's request.

6. **TILTING MECHANISM:** Permanently lubricated and fully enclosed standard cord tilt holds and tilts slats at any angle. Solid steel, corrosion resistant tilt rod. Optional wand tilt of worm and gear construction with slip clutch incorporated into tilter mechanism.
7. **OPTIONAL TILT CONTROL WAND:** Rounded 3/8" diameter constructed of quality selected hardwood stained and lacquered or painted to match slats and detachable without tools. Located on either side of individual blind unit as per architect's request.
8. **MOUNTING HARDWARE:** Manufacturer's standard .030" steel box brackets with baked-on polyester finish to match headrail with additional support brackets for blinds over 48" wide.
9. **VALANCE:** Crafted of selected hardwoods, stained and lacquered or painted to match slats.
10. **ADDITIONAL AVAILABLE OPTIONS:** Wand Tilt, de-Light™ Feature, LiteRise® Cordless Lift System, PowerTilt™ Motorization, 2 or 3 Blinds on 1 Headrail, Hold Down Brackets, Extension Brackets, Cutouts, Cloth Tapes, Custom Valances.

2.03 FABRICATION

- A. Blind measurements shall be accurate to within + 1/8" or as recommended in writing by manufacturer.

2.04 FINISHES

- A. **SLAT** finish for "Classics" selection from the following: 801 Bright White, 802 Super White, 820 White, 867 Vivid White, 873 Classic White, 875 Duck White, 868 Gardenia, 808 Eggshell, 809 Linen, 610 Coconut, 161 Ocean Breeze, 162 Tranquil, 163 Tea Light, 830 Natural, 611 Swiss Coffee, 612 Latte, 613 Maple Honey, 614 Spiced Mocha, 804 Golden Oak, 806 Pecan, 831 Sugar Maple, 615 Sequoia, 869 Cottage Pine, 616 Harvest, 621 Chestnut, 870 Warm Cherry, 617 Sienna, 618 Tuscany, 620 Shiraz, 876 Ranch Oak, 602 Windsor Walnut, 605 Sage, 112 Black, 113 Cabernet, 114 Amaretto. SLAT finish for "Select" (additional surcharge) selection from the following: 180 Clear Pine, 181 Amber Pine, 182 Russet Pine.
- B. **SLAT SUPPORT** braided ladders shall be color coordinated with slat. Optional cloth tapes available finishes: 048 Black, 082 Camel, 293 Bordeaux, 302 Taupe, 336 Chestnut, 378 Sable, 430 Amber, 450 White, 572 Spruce, 685 Indigo, 830 Almond, 973 Antique White, 418 Buttercup, 500 Celery, 504 Moss, 627 Heritage Blue, 292 Terracotta, 769 Eggplant.

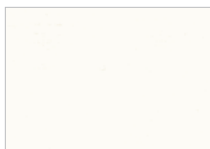
Chalet Woods® 2" Wood Blinds



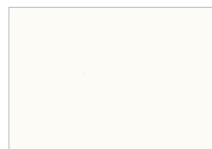
Our Chalet Woods® Wood Blinds represent an affordable option in 100% hardwood. They feature a state-of-the-art hardware system and a variety of colors and finishes.

KEY FEATURES

- GREENGUARD Indoor Air Quality Certified® and GREENGUARD Children and Schools™ certified for low-emitting products
- Optional de-Light™ feature delivers privacy and daylight control
- Selection of custom valances and decorative tapes
- Lifetime Guarantee



455 White Bouquet



450 Distinctly White



453 Cottonwood



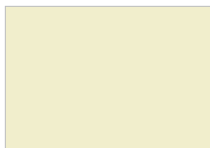
456 China



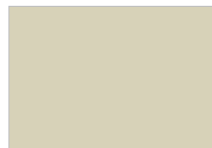
451 Designer White



473 Bavarian Cream



472 Parchment



474 Beechnut



465 Straw



475 Distressed Straw



458 Banister Oak



467 Fruitwood



459 Canyon Brown



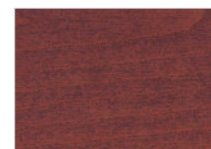
460 Nutmeg



466 Hickory



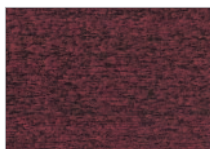
476 Distressed Hickory



468 Black Cherry



477 Distressed Black Cherry



469 Rosewood



470 Walnut



478 Distressed Walnut



471 Espresso



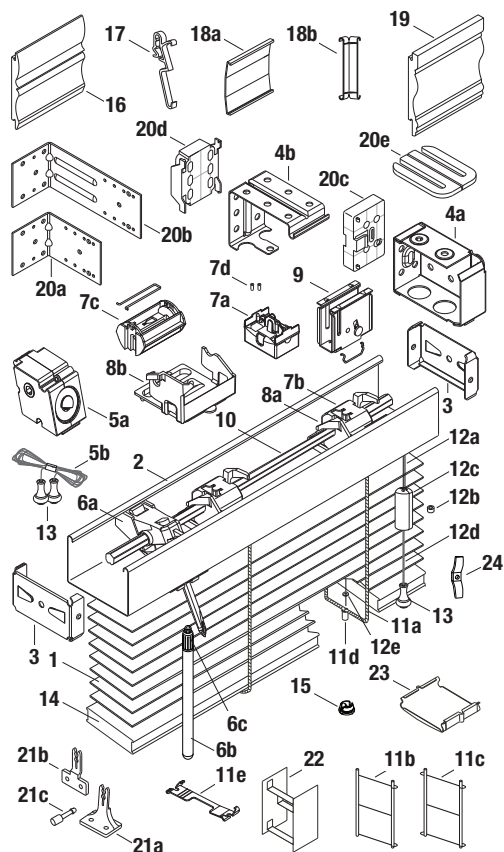
HunterDouglasContract

WINDOW COVERINGS

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STANDARD COMPONENTS:

- | | |
|----------------------------------|-----------------------------------|
| 1. Slat | 12d. Tassel Cord 2.2 mm |
| 2. Headrail | 12e. Lift Cord Grommet |
| 3. Headrail End Lock | 13. Wood Tassel |
| 4a. Installation Bracket | 14. Bottom Rail |
| 4b. Intermediate Support Bracket | 15. Tape Button |
| 5a. Cord Tilter | 16. Standard Valance |
| 5b. Tilt Cord 1.4 mm | 17. Universal Valance Clip |
| 6a. Wand Tilter | 18a. Valance Splice |
| 6b. Wand | 18b. Universal Valance Corner Key |
| 6c. Wand Connector Kit | |
| 7a. Tape Roll/Slot Type | |
| 7b. Tape Roll/Bead Type | |
| 7c. Wide Tape Roll and Wireform | |
| 7d. "X" Tape Locator | |
| 8a. Cable Tape Roll Support | |
| 8b. Wide Tape Roll Support | |
| 9. Cordlock | |
| 10. Tiltrod | |
| 11a. No Loop Cable Tape | |
| 11b. Single Loop Cable Tape | |
| 11c. Double Loop Cable Tape | |
| 11d. 2" Cable Tape Grommet | |
| 11e. Tape Spacer | |
| 12a. Lift Cord 1.4 mm | |
| 12b. Cord Stop Washer | |
| 12c. Cord Stop | |

OPTIONAL COMPONENTS:

- | |
|-----------------------------------|
| 19. Chancellor™ Valance |
| 20a. Short Extension Bracket |
| 20b. Long Extension Bracket |
| 20c. Spacer Block Bracket |
| 20d. Spacer Block Support Bracket |
| 20e. Bracket Shim |
| 21a. Hold-Down Bracket (Sill) |
| 21b. Hold-Down Bracket (Jamb) |
| 21c. Hold-Down Pin |
| 22. Decorative Tape |
| 23. Tape Lock |
| 24. Child Safety Kit (Cord Cleat) |

PRODUCT SPECIFICATIONS

PART 2 – PRODUCTS

2.01 ACCEPTABLE MANUFACTURER

- A. Hunter Douglas Contract/ 12250 Parkway Centre Dr. / Poway, CA 92064/
Phone: 800-727-8953 Fax: 800-205-9819/ Website: www.hunterdouglascontract.com,
or architect approved equivalent. Contact the following for project assistance and
dealer referral @ 800-964-2580: (Mideast/Midwest) Keith Burgess ext. #827311,
(Southern/Central) Christopher Hagen ext. #827312, (Western/Mountain/Upper
Midwest) David Cover ext. #827313, (Northeast) Patrick LeClair ext. #827314.
- B. Product substitutions must be approved by architect minimum of 30 days prior to close of bid.

2.02 2" HORIZONTAL WOOD BLINDS

- A. **PRODUCT:** Hunter Douglas "Chalet 2" Horizontal Wood Blind"

B. MATERIALS:

1. **SLATS:** 2" wide x 1/8" thick cut from quality selected hardwood with slat ends stained or painted to match slat color. Furnish not less than nominal 7.2 slats per foot to ensure tight closure and light control. Finish with manufacturer's standard stained and lacquered or painted finish in colors selected by architect from manufacturer's available contract colors.
2. **SLAT SUPPORT:** Braided ladders of 100% polyester yarn color compatible with slats and spacing of ladder no more than 44mm. Optional cloth tapes constructed of high strength polyester webbing and spacing of no more than 44mm. Tapes spaced to comply with industry standards for size and weight of blind.
3. **HEADRAIL:** U-shaped profile with rolled edges, measuring 1 1/2" x 2 1/4" x .024" constructed of corrosion resistant steel and providing a sleek low profile design. Internally fit with components required for specified performance and designed for smooth, quiet, trouble-free operation. Headrail finish to be standard baked-on polyester and to coordinate with slats. Ends fitted with zinc-coated steel end lock with adjustable tab for centering blinds.
4. **BOTTOM RAIL:** 2" wide x 5/8" thick quality selected hardwood with ends stained or painted to match slats. Color-coordinated engineered polymer tape buttons secure the ladder and cord. Finish to be manufacturers standard stained and lacquered or painted finish to match slats.
5. **LIFTING MECHANISM:** Engineering polymer and galvanized steel housing cordlocks with polymer roller bearing and steel locking dogs, two-ply polyester cord filler

in braided polyester jacket lift cords meet or exceed commercial specification 1029.86, and cord stop / tassel. Located on either side of individual blind unit as per architect's request.

6. **TILTING MECHANISM:** Permanently lubricated and fully enclosed standard cord tilt holds and tilts slats at any angle. Solid steel, corrosion resistant tilt rod. Optional wand tilt of worm and gear construction with slip clutch incorporated into tilter mechanism.
7. **OPTIONAL TILT CONTROL WAND:** Rounded 3/8" diameter constructed of quality selected hardwood stained and lacquered or painted to match slats and detachable without tools. Located on either side of individual blind unit as per architect's request.
8. **MOUNTING HARDWARE:** Manufacturer's standard .030" steel box brackets with baked-on polyester finish to match headrail with additional support brackets for blinds over 48" wide.
9. **VALANCE:** Crafted of selected hardwoods, stained and lacquered or painted to match slats.
10. **ADDITIONAL AVAILABLE OPTIONS:** 2 or 3 Blinds on 1 Headrail, Hold Down Brackets, Extension Brackets, Cutouts, Cloth Tapes, Custom Valances.

2.03 FABRICATION

- A. Blind measurements shall be accurate to within + 1/8" or as recommended in writing by manufacturer.

2.04 FINISHES

- A. **SLAT** finish selection from the following: 450 Distinctly White, 451 Designer White, 453 Cottonwood, 455 White Bouquet, 456 China, 473 Bavarian Cream, 472 Parchment, 474 Beechnut, 458 Banister Oak, 459 Canyon Brown, 460 Nutmeg, 465 Straw, 475 Distressed Straw, 466 Hickory, 476 Distressed Hickory, 467 Fruitwood, 468 Black Cherry, 477 Distressed Black Cherry, 469 Rosewood, 470 Walnut, 478 Distressed Walnut, 471 Espresso.
- B. **SLAT SUPPORT** braided ladders shall be color coordinated with slat. Optional cloth tapes available finishes: 048 Black, 082 Camel, 293 Bordeaux, 336 Chestnut, 378 Sable, 413 Hunter Green, 504 Moss, 627 Heritage Blue, 628 Indigo, 830 Almond, 909 Country Redwood, 973 Antique White.

EverWood® Alternative Wood Blinds



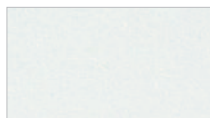
EverWood® Alternative Wood Blinds resist moisture and heat, and are guaranteed against bowing, warping and fading, even in humid areas. EverWood® blinds are made from our proprietary, top-grade, PVC-free polymer.

KEY FEATURES

- GREENGUARD Indoor Air Quality Certified® and GREENGUARD Children and SchoolsSM certified for low-emitting products
- Selection of colors and TruGrain® finishes
- Optional de-Light™ feature delivers privacy and daylight control
- Optional LiteRise® cordless lift system provides added child safety
- Selection of custom valances
- Lifetime Guarantee
- Satisfaction Guarantee against fading, yellowing, warping or bowing



984 Extreme White



971 Arctic Snow



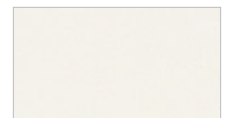
977 Arctic Snow Textured



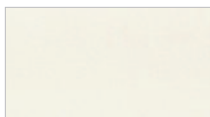
972 Porcelain



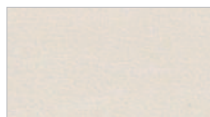
978 Porcelain Textured



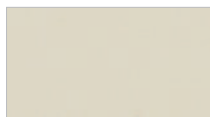
973 Sugar Pine



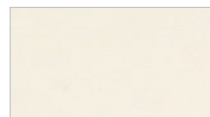
970 White Birch



976 French Vanilla



974 Parchment



975 Winter White



932 Weathered White



941 Natural



933 Spiced Maple



940 Maple Toffee



942 Irish Pine



943 Autumn Oak



944 Cherrywood



935 Distressed Nutmeg



936 Mocha



938 Distressed Praline



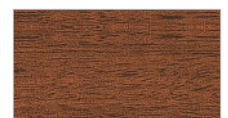
937 Praline



947 Hazelnut



945 English Walnut



949 Brandywine



939 Distressed Cherrywine



966 Classic Mahogany



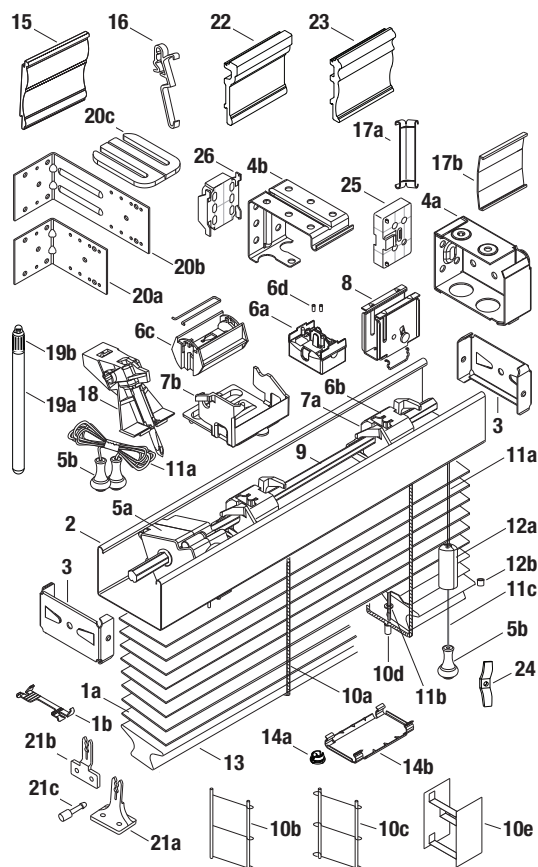
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WINDOW COVERINGS

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STANDARD COMPONENTS:

- 1a. Slat
- 1b. Tape Spacer
- 2. Headrail
- 3. Headrail End Lock
- 4a. Installation Bracket
- 4b. Intermediate Support Bracket
- 5a. Cord Tilter
- 5b. Wood Tassel
- 6a. Tape Roll/Slot Type
- 6b. Tape Roll/Bead Type
- 6c. Low Profile Cloth Tape Roll
- 6d. Cable Tape Grommet
- 7a. Tape Roll Support
- 7b. Wide Tape Roll Support
- 8. Cordlock
- 9. Tilt Rod
- 10a. Cable Tape Ladder
- 10b. Single Loop Cable Tape (de-Light™)
- 10c. Double Loop Cable Tape (de-Light)
- 10d. 2" Cable Tape Grommet
- 10e. Cotton Tape Ladder
- 11a. Polyester Cord 1.4mm
- 11b. Lift Cord Grommet
- 11c. Polyester Cord 2.2mm
- 12a. Cylindrical Cord Stop
- 12b. Cord Stop Washer

- 13. Bottom Rail
- 14a. Tape Button
- 14b. Tape Lock
- 15. Valance
- 16. Valance Clip
- 17a. Valance Corner Key
- 17b. Valance Splice Clip
- 18. Wand Tilter
- 19a. Wood Wand
- 19b. Wood Wand Connector Kit

OPTIONAL COMPONENTS:

- 20a. Short Extension Bracket
- 20b. Long Extension Bracket
- 20c. Bracket Shim
- 21a. Hold-Down Bracket (Sill)
- 21b. Hold-Down Bracket (Jamb)
- 21c. Hold-Down Pin
- 22. RidgeCrest Valance
- 23. Sommerfield Valance
- 24. Child Safety Kit (Cord Cleat)
- 25. Spacer Block Bracket
- 26. Spacer Block Support Bracket

PRODUCT SPECIFICATIONS

PART 2 – PRODUCTS

2.01 ACCEPTABLE MANUFACTURER

- A. Hunter Douglas Contract/ 12250 Parkway Centre Dr. / Poway, CA 92064/ Phone: 800-727-8953 Fax: 800-205-9819/ Website: www.hunterdouglascontract.com, or architect approved equivalent. Contact the following for project assistance and dealer referral @ 800-964-2580: (Midwest/Midwest) Keith Burgess ext. #827311, (Southern/Central) Christopher Hagen ext. #827312, (Western/Mountain/Upper Midwest) David Cover ext. #827313, (Northeast) Patrick LeClair ext. #827314.
- B. Product substitutions must be approved by architect minimum of 30 days prior to close of bid.

2.02 2" HORIZONTAL FAUX WOOD BLINDS

- A. **PRODUCT:** Hunter Douglas "EverWood® 2" Horizontal Faux Wood Blind"

B. MATERIALS:

- 1. **SLATS:** 2" wide x 3/20" thick polystyrene based polymer with consistent color throughout eliminating slat end touch-up. Furnish not less than nominal 7.2 slats per foot to ensure tight closure and light control. Finish with manufacturer's standard colors selected by architect from manufacturer's available contract colors.
- 2. **SLAT SUPPORT:** Braided ladders of 100% polyester yarn color compatible with slats and spacing of ladder no more than 44mm. Optional cloth tapes constructed of high strength polyester-cotton blend webbing and spacing of no more than 44mm. Tapes spaced to comply with industry standards for size and weight of blind.
- 3. **HEADRAIL:** U-shaped profile with rolled edges, measuring 1 1/2" x 2 1/4" x .024" constructed of corrosion resistant steel and providing a sleek low profile design. Internally fit with components required for specified performance and designed for smooth, quiet, trouble-free operation. Headrail finish to be standard baked-on polyester and to coordinate with slats. Ends fitted with zinc-coated steel end lock with adjustable tab for centering blinds.
- 4. **BOTTOM RAIL:** 2" wide x 9/16" thick polystyrene rectangular in shape. Color-coordinated engineered polymer tape buttons secure the ladder and cord. Finish to be manufacturers standard colors or stained finish to match slats.
- 5. **LIFTING MECHANISM:** Engineering polymer and galvanized steel housing cordlocks with polymer roller bearing and steel locking dogs, two-ply polyester cord filler in braided polyester jacket lift cords meet or exceed commercial

specification 1029.86, and fracture-resistant polymer cord-stop color-coordinated to slat. Located on either side of individual blind unit as per architect's request.

- 6. **TILTING MECHANISM:** Permanently lubricated and fully enclosed standard cord tilt holds and tilts slats at any angle. Solid steel, corrosion resistant tilt rod. Optional wand tilt of worm and gear construction incorporated into tilter mechanism.
- 7. **OPTIONAL TILT CONTROL WAND:** Rounded 3/8" diameter constructed of quality selected hardwood stained and lacquered or painted to match slats and detachable without tools. Located on either side of individual blind as per architect's request.
- 8. **MOUNTING HARDWARE:** Manufacturer's standard .030" steel box brackets with baked-on polyester finish to match headrail with additional support brackets for blinds over 48" wide.
- 9. **VALANCE:** Crafted of polystyrene based polymer with finish to match slats.
- 10. **ADDITIONAL AVAILABLE OPTIONS:** de-Light™ Feature, LiteRise® Cordless Lift System, 2 or 3 Blinds on 1 Headrail, Hold Down Brackets, Extension Brackets, Cutouts, Cloth Tapes, Custom Valances.

2.03 FABRICATION

- A. Blind measurements shall be accurate to within + 1/8" or as recommended in writing by manufacturer.

2.04 FINISHES

- A. **SLAT** finish selection from the following: 970 White Birch, 971 Arctic Snow, 972 Porcelain, 973 Sugar Pine, 974 Parchment, 975 Winter White, 976 French Vanilla, 977 Arctic Snow Textured, 978 Porcelain Textured, 984 Extreme White. SLAT finish for TruGrain®: 932 Weathered White, 933 Spiced Maple, 935 Distressed Nutmeg, 936 Mocha, 937 Praline, 938 Distressed Praline, 939 Distressed Cherrywine, 940 Maple Toffee, 941 Natural, 942 Irish Pine, 943 Autumn Oak, 944 Cherrywood, 945 English Walnut, 947 Hazelnut, 949 Brandywine, 966 Classic Mahogany.
- B. **SLAT SUPPORT** braided ladders shall be color coordinated with slat. Optional cloth tapes available finishes: 048 Black, 064 Bronze, 082 Camel, 293 Bordeaux, 302 Taupe, 336 Chestnut, 378 Sable, 413 Hunter Green, 430 Amber, 450 White, 572 Spruce, 685 Indigo, 830 Almond, 909 Country Redwood, 973 Antique White. 1" available colors: 450-1 White, 973-1 Antique White, 830-1 Almond, 082-1 Camel, 430-1 Amber, 336-1 Chestnut, 302-1 Taupe, 378-1 Sable, 293-1 Bordeaux, 500-1 Celery, 685-1 Indigo, 048-1 Black.

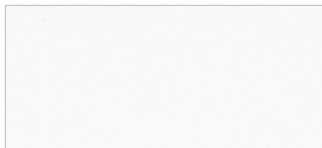
WoodMates® Alternative Wood Blinds



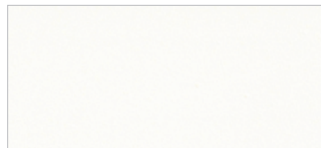
Our selection of WoodMates® Alternative Wood Blinds offers superior performance and value, with superbly designed tones and textures that give the appearance of real wood. WoodMates® blinds are made from our proprietary, mid-grade, PVC-free polymer.

KEY FEATURES

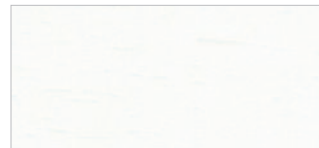
- GREENGUARD Indoor Air Quality Certified® and GREENGUARD Children and Schools™ certified for low-emitting products
- Economical alternative to wood blinds
- Selection of whites, neutrals and woodtones
- Cloth tapes ladders
- Lifetime Guarantee
- Satisfaction Guarantee against fading, yellowing, warping or bowing



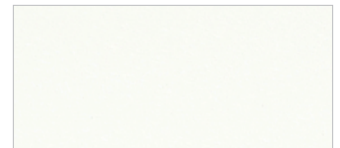
959 Avalanche



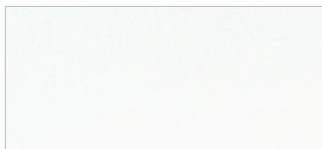
961 Ecru



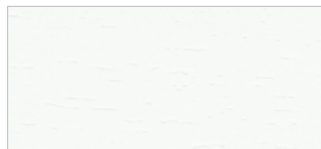
965 Ecru Textured



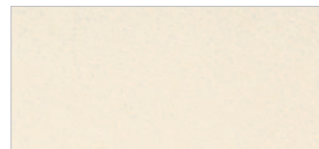
962 Journal White



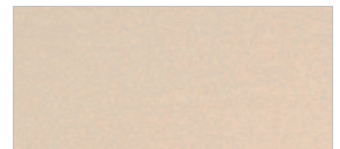
960 Picket Fence



964 Picket Fence Textured



963 Sahara



954 Sand



981 Honey Maple



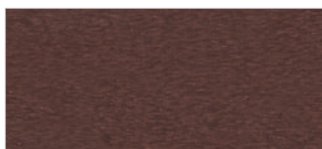
980 Golden Oak



979 Pecan



958 Cinnamon



990 Mahogany



C O N S S 0 9 W M

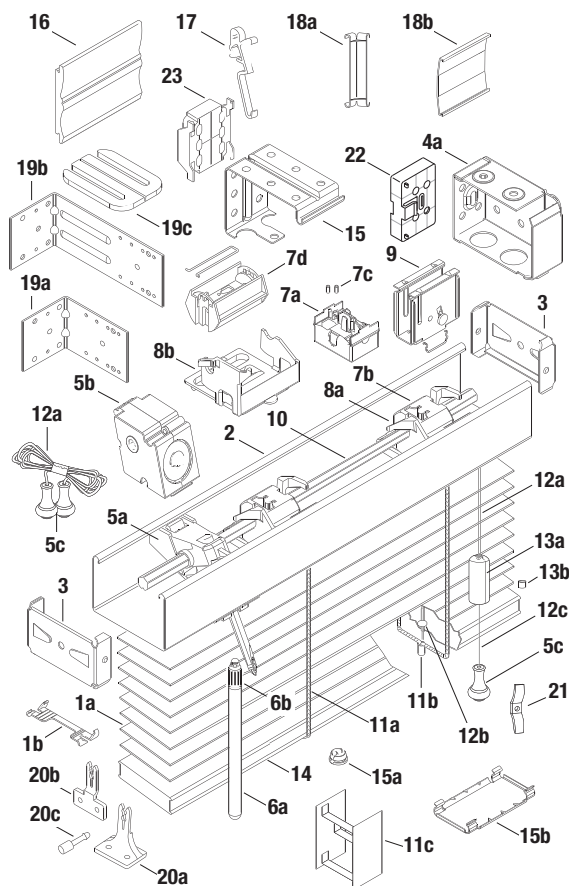
HunterDouglasContract

WINDOW COVERINGS

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STANDARD COMPONENTS:

- 1a. Slat
- 1b. Tape Spacer
- 2. Headrail
- 3. Headrail End Lock
- 4a. Installation Bracket
- 4b. Intermediate Support Bracket
- 5a. Wand Tilter
- 5b. Cord Tilter
- 5c. Wood Tassel
- 6a. Wood Wand
- 6b. Wood Wand Connector Kit
- 7a. Tape Roll/Slot Type
- 7b. Tape Roll/Bead Type
- 7c. Cable Tape Grommet
- 7d. Low Profile Cloth Tape Roll
- 8a. Tape Roll Support
- 8b. Wide Tape Roll Support
- 9. Cordlock
- 10. Tilt Rod
- 11a. Cable Tape Ladder
- 11b. 2" Cable Tape Grommet
- 11c. Cotton Tape Ladder
- 12a. Polyester Cord 1.4mm

- 12b. Lift Cord Grommet
- 12c. Polyester Cord 2.2mm
- 13a. Cylindrical Cord Stop
- 13b. Cord Stop Washer
- 14. Bottom Rail
- 15a. Tape Button
- 15b. Tape Lock
- 16. Valance
- 17. Valance Clip
- 18a. Valance Corner Key
- 18b. Valance Splice Clip

OPTIONAL COMPONENTS:

- 19a. Short Extension Bracket
- 19b. Long Extension Bracket
- 19c. Bracket Shim
- 20a. Hold-Down Bracket (Sill)
- 20b. Hold-Down Bracket (Jamb)
- 20c. Hold-Down Pin
- 21. Child Safety Kit (Cord Cleat)
- 22. Spacer Block Bracket
- 23. Spacer Block Support Bracket

PRODUCT SPECIFICATIONS

PART 2 – PRODUCTS

2.01 ACCEPTABLE MANUFACTURER

- A. Hunter Douglas Contract/ 12250 Parkway Centre Dr. / Poway, CA 92064/
Phone: 800-727-8953 Fax: 800-205-9819/ Website: www.hunterdouglascontract.com,
or architect approved equivalent. Contact the following for project assistance and
dealer referral @ 800-964-2580: (Mideast/Midwest) Keith Burgess ext. #827311,
(Southern/Central) Christopher Hagen ext. #827312, (Western/Mountain/Upper
Midwest) David Cover ext. #827313, (Northeast) Patrick LeClair ext. #827314.
- B. Product substitutions must be approved by architect minimum of 30 days prior to close of bid.

2.02 2" HORIZONTAL FAUX WOOD BLINDS

- A. **PRODUCT:** Hunter Douglas "WoodMates" 2" Horizontal Faux Wood Blind

B. MATERIALS:

- 1. **SLATS:** 2" wide x 1/8" thick polystyrene with consistent color throughout eliminating slat end touch-up. Furnish not less than nominal 7.2 slats per foot to ensure tight closure and light control. Finish with manufacturer's standard colors selected by architect from manufacturer's available contract colors.
- 2. **SLAT SUPPORT:** Braided ladders of 100% polyester yarn color compatible with slats and spacing of ladder no more than 44mm. Optional cloth tapes constructed of high strength polyester-cotton blend webbing and spacing of no more than 44mm. Tapes spaced to comply with industry standards for size and weight of blind.
- 3. **HEADRAIL:** U-shaped profile with rolled edges, measuring 1 1/2" x 2 1/4" x .024" constructed of corrosion resistant steel and providing a sleek low profile design. Internally fit with components required for specified performance and designed for smooth, quiet, trouble-free operation. Headrail finish to be standard baked-on polyester and to coordinate with slats.
- 4. **BOTTOM RAIL:** 2" wide x 9/16" thick polystyrene rectangular in shape. Color-coordinated engineered polymer tape buttons secure the ladder and cord. Finish to be manufacturers standard colors or stained finish to match slats.
- 5. **LIFTING MECHANISM:** Engineering polymer and galvanized steel housing cordlocks with polymer roller bearing and steel locking dogs, two-ply polyester

cord filler in braided polyester jacket lift cords meet or exceed commercial specification 1029.86, and fracture-resistant polymer cord-stop color-coordinated to slat. Located on either side of individual blind unit as per architect's request.

- 6. **TILTING MECHANISM:** Permanently lubricated and fully enclosed standard cord tilt holds and tilts slats at any angle. Solid steel, corrosion resistant tilt rod. Optional wand tilt of worm and gear construction incorporated into tilter mechanism.
- 7. **OPTIONAL TILT CONTROL WAND:** Rounded 3/8" diameter constructed of quality selected hardwood stained and laquered or painted to match slats and detachable without tools. Located on either side of individual blind unit as per architect's request.
- 8. **MOUNTING HARDWARE:** Manufacturer's standard .030" steel box brackets with baked-on polyester finish to match headrail with additional support brackets for blinds over 48" wide.
- 9. **VALANCE:** Crafted of polystyrene with finish to match slats.
- 10. **ADDITIONAL AVAILABLE OPTIONS:** 2 or 3 Blinds on 1 Headrail, Hold Down Brackets, Extension Brackets, Cutouts, Cloth Tapes.

2.03 FABRICATION

- A. Blind measurements shall be accurate to within + 1/8" or as recommended in writing by manufacturer.

2.04 FINISHES

- A. **SLAT** finish selection from the following: 954 Sand, 958 Cinnamon, 959 Avalanche, 960 Picket Fence, 961 Ecru, 962 Journal White, 963 Sahara, 964 Picket Fence Textured, 965 Ecru Textured, 979 Pecan, 980 Golden Oak, 981 Honey Maple, 990 Mahogany.
- B. **SLAT SUPPORT** braided ladders shall be color coordinated with slat. Optional 1.5" cloth tapes available colors: 450 White, 973 Antique White, 830 Almond, 082 Camel, 430 Amber, 336 Chestnut, 302 Taupe, 378 Sable, 292 Terracotta, 293 Bordeaux, 909 Country Redwood, 500 Celery, 504 Moss, 413 Hunter Green, 572 Spruce, 627 Heritage Blue, 685 Indigo, 064 Bronze, 048 Black.

Silhouette® FR Window Shadings



HunterDouglasContract

WINDOW COVERINGS



Hunter Douglas Silhouette® FR Window Shadings feature adjustable fabric vanes suspended between two sheer facing fabrics. When the vanes are open, the shadings work like sheers, filtering light to eliminate glare and create an inviting glow. Vanes can be tilted to block light and provide privacy, and the shadings roll up completely into a slim headrail, allowing unobstructed views.

SUSTAINABLE CONSTRUCTION

Certified for low emissions by the GREENGUARD Environmental Institute and passes strict requirements of GREENGUARD Children and SchoolsSM.

LIGHT CONTROL

Maximize daylighting efficiency by diffusing and dispersing sunlight throughout the room.

RELIABLE HARDWARE

Durable operating systems assure high quality performance.

LOW MAINTENANCE

Soil and dust-resistant materials require minimal cleaning.

UV PROTECTION

Up to 88% ultraviolet protection with vanes open and 99% with vanes closed.

LIFETIME GUARANTEE

Operating Systems



EasyRise™

This continuous cord loop and clutch assembly makes operating large shadings easier.



UltraGlide®

Raise, lower and tilt shadings with one retractable cord.



Tilt-Only

Shadings cannot be raised or lowered, but vanes may be positioned from fully open to fully closed. For narrow windows.



Two-On-One Headrail

Two shadings share the same headrail; each shade operates independently.



Motorization

Versatile range of motorization and control options to maximize shading benefits.



Specialty Shapes

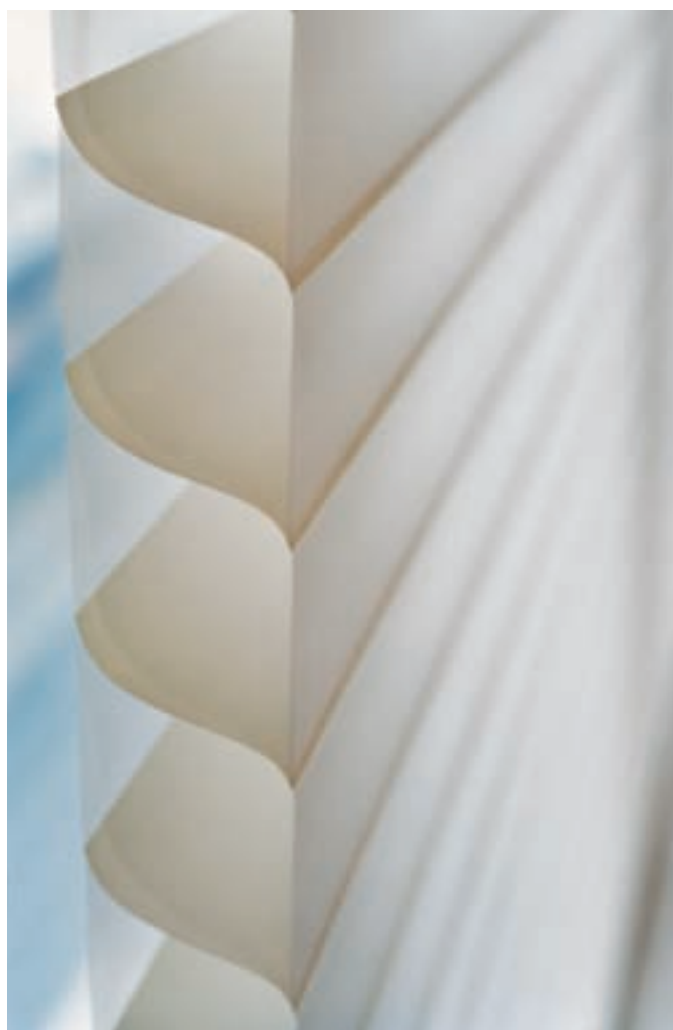
Options include: perfect and imperfect arch and extended arch, angle, trapezoid, circle, perfect and imperfect quarter circle, hexagon, octagon.

FR Fabrics

- 3" vanes
- Available in Originale™ classic translucent woven fabric and Bon Soir™ light dimming fabric
- Fabrics meet or exceed all requirements of NFPA 701 small-scale flammability testing for commercial applications
- Winter R-value / low-e double glazing = 4.02 (Originale), 4.00 (Bon Soir)
- Solar heat gain coefficient / low-e double glazing = .38 (Originale), .30 (Bon Soir)
- UV protection closed 99% (open up to 88%)

Additional Options

Inside mount, outside mount, end mount (max width =84"), dust covers, optional cord drop lengths - color-coordinated sizes: 2', 3', 4', and 5' for standard and oversized rails. White available in a 1' length, and 12' increments from 6 – 16' lengths.



Shading sizes vary based on fabric selection and hardware system. See Specifications section in the binder or visit our website for a complete list of product specifications.

Silhouette® FR Window Shadings



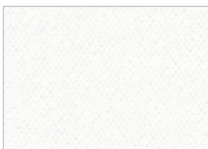
A category-defining combination of appearance and functionality, Hunter Douglas Silhouette® FR Window Shadings can be raised and lowered (like standard roller shades) and tilted open or closed (like horizontal blinds). Vanes can be tilted to block light and provide privacy, and the shades roll up completely into a slim headrail, allowing unobstructed views.

KEY FEATURES

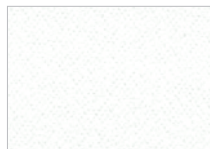
- GREENGUARD Indoor Air Quality Certified® and GREENGUARD Children and Schools® certified for low-emitting products
- Fabrics meet all requirements of NFPA 701 small scale flammability testing for commercial applications
- Up to 88% ultraviolet protection with vanes open and 99% with vanes closed
- Motorization available
- Lifetime Guarantee



Originale™ Translucent Fabrics



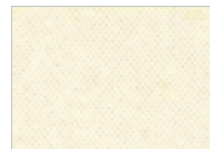
A14-148 White Dove



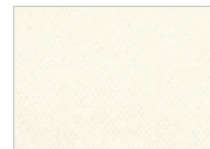
A14-125 Radiant White



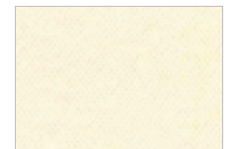
A14-126 White Diamond



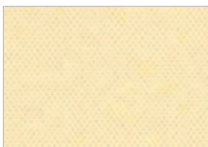
A14-128 Misty Almond



A14-127 Linen Flirt



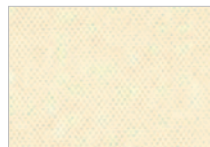
A14-143 Wedding Cake



A14-129 Champagne



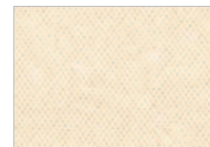
A14-147 Paradise Sand



A14-107 Honey Beige



A14-199 Summer Khaki

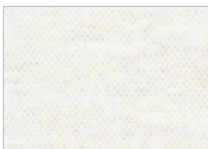


A14-113 Blissful Beige



A14-198 Cool Slate

Bon Soir™ Light Dimming Fabrics



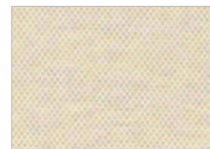
A21-195 Stardust



A21-137 Seclusion White



A21-152 Counting Sheep



A21-153 Moonlight



A21-154 Sleepy Beige



A21-149 Candle Glow



C O N S S 0 9 S I L

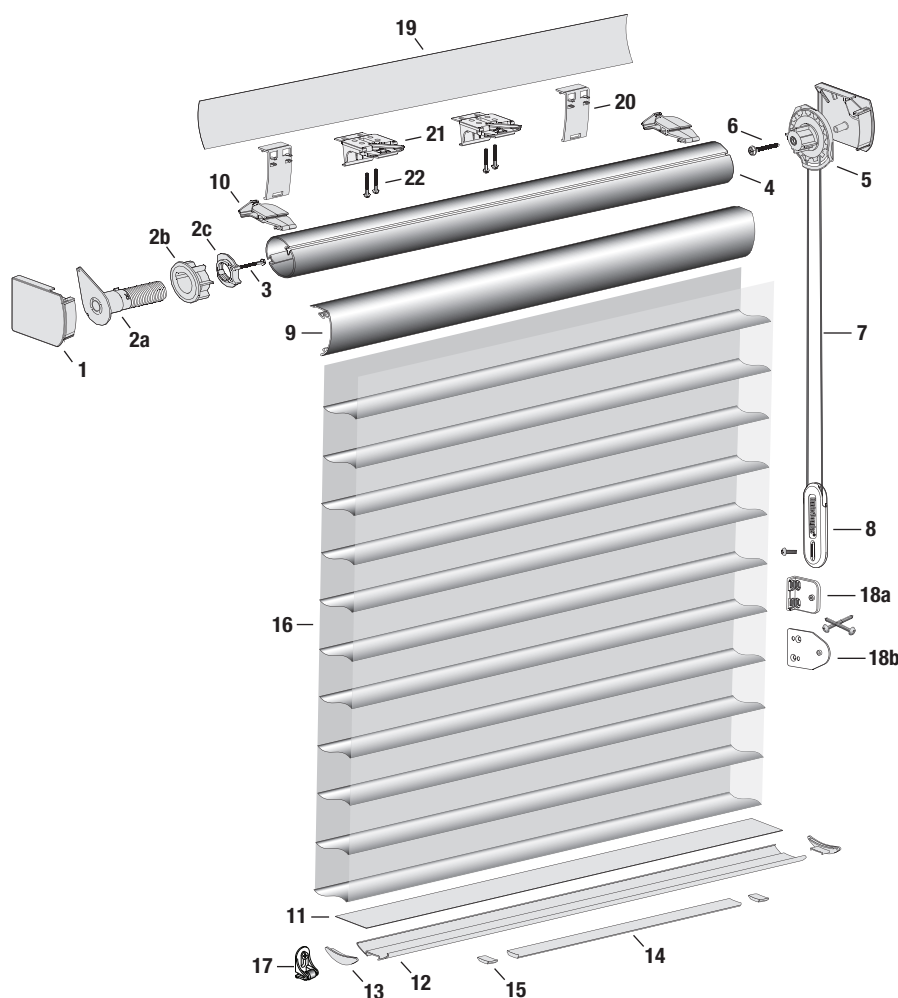
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WINDOW COVERINGS

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STANDARD COMPONENTS:

1. Headrail End Caps
2. Limit Screw Assembly
- 2a. Limit Screw
- 2b. Rotator
- 2c. Limit Nut
3. Screw
4. Universal Rotator Rail
5. Clutch Assembly
6. Screw
7. Cord Loop
8. Universal Cord Tensioner
9. Fabric Covered Headrail
10. SU Std. Top Limit
11. Bottom Slat
12. Bottom Rail
13. Bottom Rail End Caps
14. Balance Weight
15. Weight Clips
16. Fabric
17. Hold-Down Bracket
- 18a. Universal Cord Tensioner Outside Mounting Bracket
- 18b. Universal Cord Tensioner Mounting Bracket Flush Mount
19. Back/Dust Cover
20. Back Cover Bracket
21. Lever Installation Brackets
22. Installation Bracket Screws

PRODUCT SPECIFICATIONS

PART 2 – PRODUCTS

2.01 ACCEPTABLE MANUFACTURER

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or architect approved equivalent. Contact the following for project assistance and
dealer referral @ 800-964-2580: (Mideast/Midwest) Keith Burgess ext. #827311,
(Southern/Central) Christopher Hagen ext. #827312, (Western/Mountain/Upper
Midwest) David Cover ext. #827313, (Northeast) Patrick LeClair ext. #827314.
- B.** Product substitutions must be approved by architect minimum of 30 days prior to close of bid.

2.02 COMMERCIAL WINDOW SHADINGS

- A. PRODUCT:** Hunter Douglas "Silhouette® FR Window Shadings"
- B. MATERIALS:**

1. **FABRIC:** Flame-retardant treated 100% sheer white knit polyester fabric located on front and rear suspended between 100% woven polyester 3" fabric facings treated to resist dust, dirt, static, and stains. Finish selected by architect from manufacturer's available contract colors.
2. **HEAD/BOTTOM RAIL:** Standard headrail type measuring 3" x 2 9/32" x .0625 or 3 3/16" x 2 1/2" x .0625" thick constructed of aluminum alloy 6063 conceals shading when fully raised. Internally fit with components required for specified performance and designed for smooth, quiet, trouble-free operation. Bottom rail measuring 2" X 3/16" X .0625" thick constructed of aluminum alloy 6063. Finish to be standard polyester-based paint and to coordinate with fabric. Ends fitted with polycarbonate end caps measuring 2 13/16" X 2 9/32" color coordinated with fabric.

3. **LIFTING/ ROTATION MECHANISM:** White polycarbonate spring tempered rotary clutch system raises, lowers and tilts shading when activating 1 1/2" tubular aluminum rotator rail. White polycarbonate limit assemblies control vane over-rotation. Color coordinated braided polyester 2.4mm diameter cord loop with tensioner to secure cord loop. Located on either side of individual shade unit as per architect's request.
4. **MOUNTING HARDWARE:** Manufacturer's standard white polycarbonate hidden brackets, provide a sleek, unobtrusive appearance.
5. **ADDITIONAL AVAILABLE OPTIONS:** Headrail Dust Cover, Back Cover, Oversized Rail, Motorization, Optional Cord Lengths, Hold Down Brackets.

2.03 FABRICATION

- A.** Blind measurements shall be accurate to within + 1/8" or as recommended in writing by manufacturer.

2.04 FINISHES

- A. FABRIC** finish to be duotone with neutral tone facing the exterior and color selection facing the interior. Color selection from the following: Originale™ translucent fabrics: A14-125 Radiant White, A14-126 White Diamond, A14-143 Wedding Cake, A14-127 Linen Flirt, A14-129 Champagne, A14-107 Honey Beige, A14-113 Blissful Beige, A14-128 Misty Almond, A14-147 Paradise Sand, A14-148 White Dove, A14-198 Cool Slate, A14-199 Summer Khaki. Bon Soir™ light dimming fabrics: A21-137 Seclusion White, A21-149 Candle Glow, A21-152 Counting Sheep, A21-153 Moonlight, A21-154 Sleepy Beige, A21-195 Stardust.

FR Vertical Blinds



HunterDouglasContract

WINDOW COVERINGS



Hunter Douglas Contract FR Vertical Blinds allow maximum coverage of large windows at a cost-effective price. Our vertical track is exceptionally durable and features a range of pantagraph and carrier train systems to fit a variety of applications, including choices for curves, slopes, and motorization.

SUSTAINABLE CONSTRUCTION

Certified for low emissions by the GREENGUARD Environmental Institute and passes strict requirements of GREENGUARD Children and SchoolsSM.

INNOVATIVE DURABILITY

Highly durable pantagraph and carrier train systems rotate louvers 180° for tight closure.

ENERGY EFFICIENT

Increased insulation at the window keeps heat in during the winter and out during the summer.

LOW MAINTENANCE

Soil and dust-resistant materials require minimal cleaning.

LIFETIME GUARANTEE

Operating Systems



PermaTilt®

Wand control system combines both tilt and traverse functions in one easy-to-use control, completely eliminating the standard chain and cord.



PermAlign®

Stainless-steel carrier train system (5/16" x .008"). Max. size 16 ft.



PermaTrak®

Plastic carrier train system (5/16" x .025"). Max size 16 ft.



PC0440

Stainless-steel carrier train system (5/16" x .025"). Max size 25 ft.



Motorization

Hunter Douglas motorized window coverings are designed for guaranteed operation and precise control.



Specialty Tracks

Available in straight, curved, sloped, top/bottom track, and arch configurations. Motorization available. Max size 20 ft. Celcon bead chain.

FR Materials

Vinyl

- Available with .030" gauge, flat (2" x 3 ½"), and curved (3 ½") louvers. Perforated louvers (13% openness), available in 2" and 3 ½" gray, ivory, and white

Aluminum

- 3 ½" curved spring-tempered aluminum (.008")

Fabric

- Fabrics meet or exceed all requirements of NFPA 701 small scale flammability testing for commercial and hospitality applications
- 3 ½" louver

Additional Options

PermAssure® safety wand, motorization, bottom chains, bronze track (PermAlign® only), optional wand control, PermaClear® groovers, valance, sealed bottom weights, covered end caps.



Blind dimensions vary based on material and hardware system. See Specifications section in the binder or visit our website for complete list of size limitations.

FR Vertical Blinds



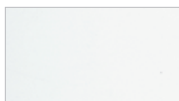
Our FR Vertical Blinds allow maximum coverage of large windows at a cost-effective price point. The durable vertical track features a carrier train system for a variety of applications.

KEY FEATURES

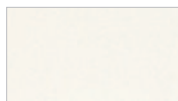
- GREENGUARD Indoor Air Quality Certified® and GREENGUARD Children and SchoolsSM certified for low-emitting products
- Most materials meet all requirements of NFPA 701 small scale flammability testing for commercial applications (*perforated PVC is not Fire Retardant and does not meet NFPA 701 requirements).
- Multiple decorative valance options available
- Energy Efficient
- Motorization & specialty shapes available
- Lifetime Guarantee



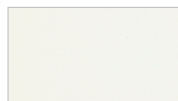
PVC 3 1/2" Curved & Flat



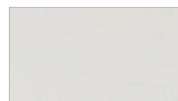
White



Off-White

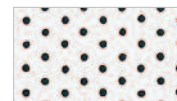


Ivory



Gray

PVC 3 1/2" Flat 13% Perforated*



White

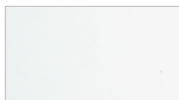


Ivory

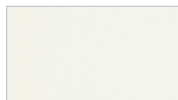


Gray

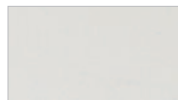
PVC 2" Flat



White



Ivory



Gray

PVC 2" Flat 13% Perforated*



White

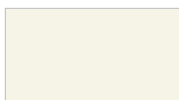


Ivory



Gray

Aluminum 3 1/2" Curved



Alabaster



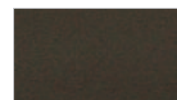
Bright Aluminum



Brushed Aluminum



Antique Gold



Bronze

Cumulus FR Fabric



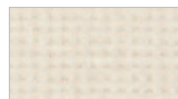
Quarry



Birch



Ivory



Winter

Paxton FR Fabric



Barn Wood



Bleached Linen



Starfish



Dapper Tan



Gaucho Brown



Dried Moss



C O N S S 0 9 V E R T

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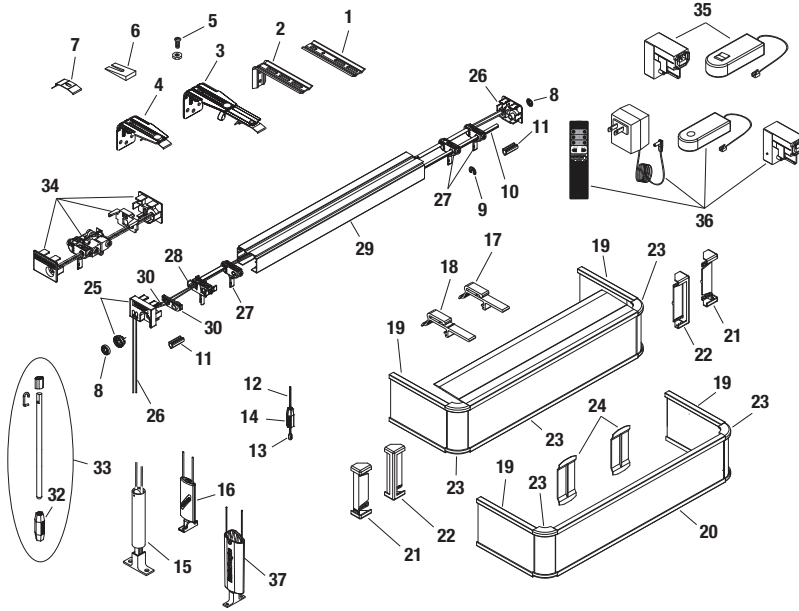
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PermaTrak® Side Draw Assembly



STANDARD COMPONENTS:

- | | |
|--|---|
| 1. 4 1/2" Slider Extension Plate | 21. Clear Open Valance Corner |
| 2. 4" Heavy-Duty Wall Bracket | 22. Clear Closed Valance Corner |
| 3. Adjustable Bracket Assembly with Clip | 23. Universal Ivory Round Corner with Clear Cap |
| 4. 3 1/2" L-Bracket with Clip | 24. Stacked Valance Clip |
| 5. 8-32 x 3/8" Pan Head Bolt & Nut | 25. Traverse Cord |
| 6. Mounting Shim | 26. End Control Assembly |
| 7. Mounting Clip | 27. Regular Draw Carriers |
| 8. Star Fastener | 28. Lead Carrier Guide Assembly |
| 9. Stop "C" Clip | 29. PermaTrak® Channel |
| 10. Tilt Rod | 30. Rod Support Carriers |
| 11. 1" Omega Spacer | 31. Rod Support Bead |
| 12. #6 Tilt Chain | 32. Wand Hex Handle |
| 13. #6 Tilt Chain Connector | 33. Wand Assembly |
| 14. Chain Tassel | 34. PermAssure® Wand Control Endcap Assembly |
| 15. Round Cord Tensioner | 35. Motorized Tilt Switch Unit |
| 16. Cord Tensioner | 36. Motorized Tilt Remote Control Unit |
| 17. Short Valance Hanger | 37. Locking Cord Tensioner |
| 18. Long Valance Hanger | |
| 19. Shadow/Valance Return | |
| 20. Mixed Universal Valance | |

PRODUCT SPECIFICATIONS

PART 2 – PRODUCTS

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or architect approved equivalent. Contact the following for project assistance and dealer referral @ 800-964-2580: (Mideast/Midwest) Keith Burgess ext. #827311,
(Southern/Central) Christopher Hagen ext. #827312, (Western/Mountain/Upper Midwest) David Cover ext. #827313, (Northeast) Patrick LeClair ext. #827314.
- B.** Product substitutions must be approved by architect minimum of 30 days prior to close of bid.

2.02 VERTICAL BLINDS

- A. PRODUCT:** Hunter Douglas "Contract Vertical Blind"

B. MATERIALS:

- VANES:** Vinyl extruded from PVC 3 1/2" (optional 2" flat & flat perforated) wide x .032" maximum thickness curved (optional flat, flat perforated) with standard overlap of no less than 3/8" and stacking 7/32" apart. Groovers extruded from PVC with .030" maximum thickness with 1/8" clear lip to accept inserts of all available commercial fabrics. Fabric to be flame retardant polyester (Cumulus FR, Paxton FR). Curved .008" gauge 3 1/2" wide heat-treated extruded aluminum, dip coated with baked polyester coating. Finish with manufacturer's standard colors selected by architect from manufacturer's available contract colors.
- CHANNEL:** PermaTrak® (most cost effective) and PermAlign® (standard) measure 1 3/4" x 1 5/16" x .045" thick, constructed of painted ivory aluminum. Internally fit with .24" diameter heavy-duty extruded aluminum tilt rod, engineered thermal plastic carrier body, end caps and components required for specified performance and designed for smooth, quiet, trouble-free operation.
- CARRIER BODY:** Engineered thermal plastic 7/16" thick and 1 5/8" wide with wheels and worm-and-spur gears to ensure rotation with perfect alignment and synchronization. Solid molded engineered thermal plastic asymmetrical carrier stems provide ease of vane installation and removal. Wheel-less lead carrier moves along elongated bearing surface.

- SPACER LINKS:** Plastic 5/16" X .021" spacer links smoothly space and stabilize carrier body.
- ROTATION:** Standard #6 (#10 for heavy duty or large applications) qualified nickel-plated brass tilt chain provides 180 degrees direct rotation by activating tilt gear within end cap assembly (#10 standard with covered end cap assembly and 3 to 1 ratio) in turn actuating heavy-duty extruded aluminum tilt rod and worm-and-spur gears in carrier body. Located on either side of individual blind unit as per architect's request.
- TRAVERSING:** Stretch resistant, non-fraying, and lint free lock knit polyester cord provide traversing capabilities for side, center, and off-center draws, side stack and center stack options.
- MOUNTING HARDWARE:** Manufacturer's standard L- bracket with clip (outside mounts) & clip only (inside mounts) provide required support.
- ADDITIONAL AVAILABLE OPTIONS:** Multiple valance options, PermaTilt® Wand Control and PermAssure® Safety Wand Control Options, Motorization, Bronze Rail, PC0440 (Anodized Aluminum) - PermAlign® high gloss ivory, PermaClear® vinyl groover, and Specialty Track (Anodized Aluminum) Headrail Systems.

2.03 FABRICATION

- A.** Blind measurements shall be accurate to within + 1/8" or as recommended in writing by manufacturer.

2.04 FINISHES

- A. VANE** finish selection from the following: (PVC Curved 3 1/2") White, Off-White, Ivory, Gray/ (PVC Flat 3 1/2") White, Off-White, Ivory, Gray/ (PVC Flat 3 1/2" 13% Perforated) White, Ivory, Gray/ (PVC Flat 2") White, Ivory, Gray/ (PVC Flat 2" 13% Perforated) White, Ivory, Gray/ (Aluminum Curved 3 1/2") Alabaster, Bright Aluminum, Brushed Aluminum, Antique Gold, Bronze/ (Cumulus FR Fabric) Quarry, Birch, Ivory, Winter (Paxton FR Fabric) Barn Wood, Bleached Linen, Starfish, Dapper Tan, Gaucho Brown, Dried Moss.

Vignette® FR Modern Roman Shades



HunterDouglasContract

WINDOW COVERINGS



The soft overlapping folds of Vignette® FR Modern Roman Shades offer the style of a custom roman shade, as well as the ease and durability of a roller shade. The overlapping folds highlight the beauty of the FR fabric, enhancing the shade's distinctive fabric textures while providing complete privacy and allowing light into the room. Ideal for boardrooms, assisted living and healthcare settings.

SUSTAINABLE CONSTRUCTION

Certified for low emissions by the GREENGUARD Environmental Institute and passes strict requirements of GREENGUARD Children and SchoolsSM.

ENERGY EFFICIENCY

Energy-efficient design creates an insulating layer of air to keep heat in during the winter and out during the summer and provides 99% UV blocking.

INNOVATIVE DURABILITY

The fabrics are specially woven to hold their shape and style.

LOW MAINTENANCE

Soil and dust resistant materials require minimal cleaning.

INTEGRATED DESIGN

All fabrics are available in cut yardage to coordinate with other room elements.

LIFETIME GUARANTEE

Operating Systems

EasyRise™ Continuous Cord Loop Control

This continuous cord loop and clutch assembly makes operating large shades easier.

Multi-Panel

Matched panels span larger openings. Two or three-panel configurations share the same headrail and bottom rail and operate as one shade.

Two-On-One Headrail

Two standard rectangular shades share the same headrail but operate independently.

Top-Down/Bottom-Up

The shades operate from either the top down or the bottom up.

Motorization

Versatile range of motors and controls to maximize shading benefits.

Specialty Shapes

Perfect, imperfect and extended arches and angles. Shades are non-operable and remain in lowered position.

FR Fabrics

- Traditional™ 4" contoured fold or Tailored™ 6" flat fold
- Available in two textured fabrics and over 10 colors
- Neutral white backing affixed to woven front fabric
- Fabrics meet or exceed all requirements of NFPA 701 small scale flammability testing for commercial applications
- Winter R-value = 4.39 translucent fabrics; 4.53 EveScape™ room darkening fabrics
- Solar heat gain coefficient = 0.28 all fabrics
- UV blockage 99%
- EveScape™ room darkening available

Additional Options

Spacer blocks, hold-down brackets, extension brackets, non-standard cord drop lengths (white only), color-coordinated cord loop and end caps, inside mount, outside mount, end mount.



Shade sizes vary based on fabric selection and hardware system. See Specifications section in the binder, or visit our website for a complete list of product specifications.

Vignette® FR Modern Roman Shades



The soft overlapping folds of Vignette® FR Modern Roman Shades offer the style of a custom Roman shade, as well as the ease and durability of a roller shade. As light passes through the shade, a diffused glow provides complete privacy, but allows light into the room (room-darkening available).

KEY FEATURES

- GREENGUARD Indoor Air Quality Certified® and GREENGUARD Children and SchoolsSM certified for low-emitting products
- Fabrics meet all requirements of NFPA 701 small scale flammability testing for commercial applications
- Energy-efficient design creates an insulating layer of air
- 99% UV blocking
- All fabrics available in cut yardage to coordinate with other room elements
- Motorization available
- Lifetime Guarantee



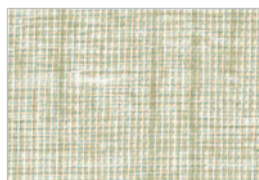
Linen Weave 4" Translucent (J9), 4" Evescape (J11), 6" Flat Translucent (FJ9), 6" Flat Evescape (FJ11)



141 Birch Bark



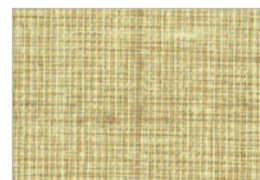
144 Beechnut



146 Marshland



226 Orchard Pear



148 Honey Maple

Heather 4" Translucent (L11), 4" Evescape (L13), 6" Flat Translucent (FL11), 6" Flat Evescape (FL13)



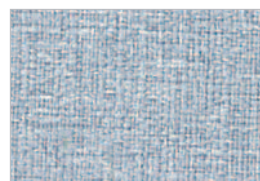
331 Scottish Dew



332 Highland Mist



333 Foggy Bluff



336 Bonnie Blue



337 Clover Field



C O N S S 0 9 V I G N

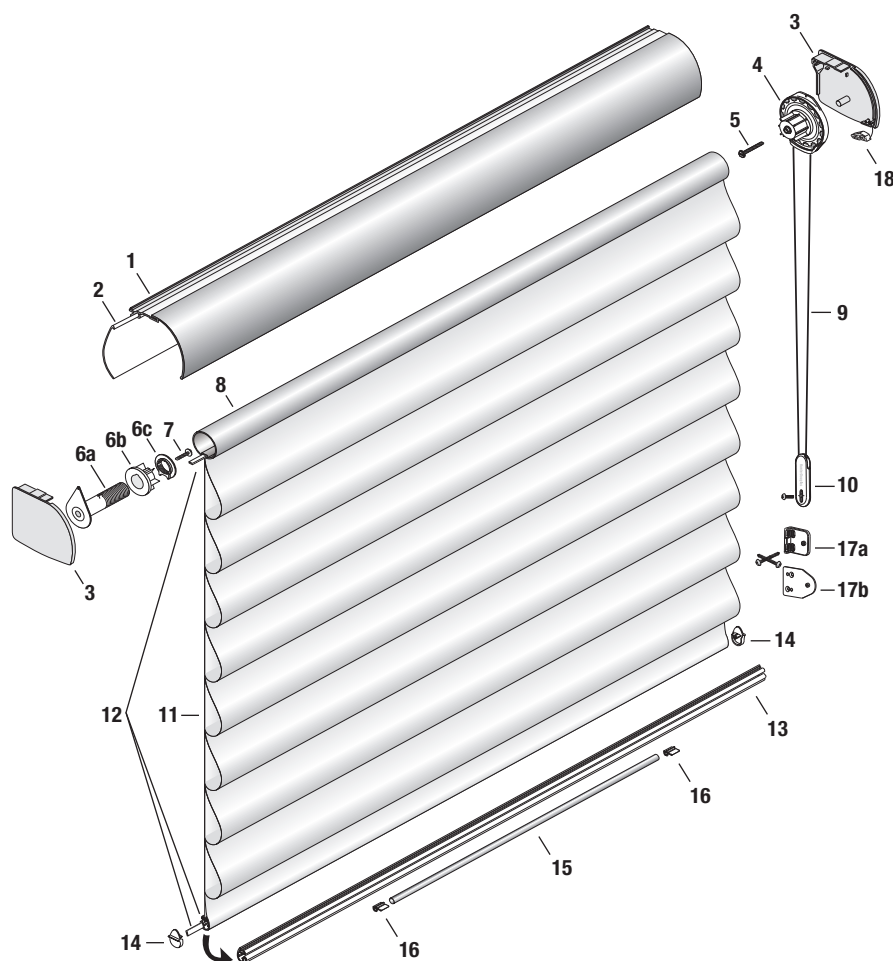
HunterDouglasContract

WINDOW COVERINGS

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® The GREENGUARD INDOOR AIR QUALITY CERTIFIED mark is a registered certification mark used under license through the GREENGUARD Environmental Institute.



STANDARD COMPONENTS:

1. Fabric-Covered Headrail
2. Fabric Guard
3. Headrail End Caps
4. Clutch
5. Screw (Clutch)
6. Limit Assembly
- 6a. Limit Assembly Screw
- 6b. Keyed Rotator
- 6c. Limit Assembly Nut
7. Screw (Limit Side)
8. Rotator Rail
9. Cord Loop
10. Universal Cord Tensioner
11. Fabric
12. Poly Rod Assembly w/Adhesive
13. Bottom Rail
14. Bottom Rail End Cap (Set)
15. Bottom Rail Weight
16. Bottom Rail Weight Clip
- 17a. Universal Cord Tensioner Mounting Bracket
- 17b. Universal Cord Tensioner Mounting Bracket Flush Mount
18. Snap in Rail Stop

PRODUCT SPECIFICATIONS

PART 2 – PRODUCTS

2.01 ACCEPTABLE MANUFACTURER

- A.** Hunter Douglas Contract/ 12250 Parkway Centre Dr. / Poway, CA 92064/
Phone: 800-727-8953 Fax: 800-205-9819/ Website: www.hunterdouglascontract.com,
or architect approved equivalent. Contact the following for project assistance and
dealer referral @ 800-964-2580: (Mideast/Midwest) Keith Burgess ext. #827311,
(Southern/Central) Christopher Hagen ext. #827312, (Western/Mountain/Upper
Midwest) David Cover ext. #827313, (Northeast) Patrick LeClair ext. #827314.
- B.** Product substitutions must be approved by architect minimum of 30 days prior to close of bid.

2.02 COMMERCIAL WINDOW SHADINGS

- A. PRODUCT:** Hunter Douglas "Vignette® FR Modern Roman Shades"
- B. MATERIALS:**

1. **FABRIC:** Combination of permanent flame-resistant 100% polyester fabrics on both front and rear. Constructed of looped overlapping 4" fabric folds located on front with neutral white back fabric providing uniform exterior look. Fabric combination transmits filtered light with no view through. Finish selected by architect from manufacturer's available contract colors.
2. **HEAD/BOTTOM RAIL:** Standard headrail type measuring 3.8125" x 3.3125" x .040" thick constructed of aluminum alloy 6063 conceals shading when fully raised. Internally fit with components required for specified performance and designed for smooth, quiet, trouble-free operation. Matching fabric-covered tubular-shaped steel bottom rail provides uniform look. Headrail finish to be standard polyester-based paint and to coordinate with fabric. Ends fitted with engineering plastic end caps measuring 3 13/16" X 3.1875" color coordinated with front fabric.

3. **LIFTING/ ROTATION MECHANISM:** White engineering plastic spring-tempered rotary clutch system raises and lowers shading providing ease of operation when continuous cord loop is activated and holds shadings in place until force is applied. Color coordinated braided polyester 2.4mm diameter cord loop with tensioner to secure cord loop. Located on either side of individual shade unit as per architect's request.
4. **MOUNTING HARDWARE:** Manufacturer's standard white engineering plastic hidden brackets, provide a sleek, unobtrusive appearance.
5. **ADDITIONAL AVAILABLE OPTIONS:** Coordinating Fabric Covered Headrail, Motorization, Optional Cord Lengths, Hold Down Brackets.

2.03 FABRICATION

- A.** Blind measurements shall be accurate to within + 1/8" or as recommended in writing by manufacturer.

2.04 FINISHES

- A. FABRIC** finish to be duotone with neutral tone facing the exterior and color selection facing the interior. Fabric selection from the following: Linen Weave FR: 4" translucent (J9), 4" Evescape (J11), 6" Flat Translucent (FJ9), 6" Flat Evescape (FJ11). Heather FR: 4" translucent (L11), 4" Evescape (L13), 6" Flat Translucent (FL11), 6" Flat Evescape (FL13). Color selection from the following: Linen Weave FR: 141 Birch Bark, 144 Beechnut, 146 Marshland, 226 Orchard Pear, & 148 Honey Maple. Heather FR: 331 Scottish Dew, 332 Highland Mist, 333 Foggy Bluff, 336 Bonnie Blue, & 337 Clover Field.

Palm Beach™ FR Polysatin Shutters



HunterDouglasContract

WINDOW COVERINGS



Palm Beach™ FR Polysatin Shutters from Hunter Douglas Contract offer traditional style and superior durability. Constructed from UV resistant polysatin compounds, Palm Beach™ Polysatin Shutters are guaranteed never to warp, fade, chip or peel. Resistance to heat, mold, and mildew, along with the lightweight design, make these shutters ideal for a wide range of commercial and contract applications.

SUSTAINABLE CONSTRUCTION

Certified for low emissions by the GREENGUARD Environmental Institute and passes strict requirements of GREENGUARD Children and SchoolsSM.

RESILIENT COMPOSITION

Durable finish minimizes the appearance of dents and scratches.

ENERGY EFFICIENT

Designed with pockets of air to keep the individual pieces of the shutter system from transferring energy. An R-value of 5.68 helps reduce HVAC costs.

LOW MAINTENANCE

Durable construction requires minimal maintenance; easy to clean. GREENGUARD listed for Microbial Resistance.

LIFETIME GUARANTEE

Options

Standard Panel Systems

Panels can be hinged on either the right or left side in multiple panel configurations.

Bi-Fold Track Systems

Slides and folds open. Up to eight panels may be hinged together.

Bypass Track Systems

Shutter panels slide past each other on top tracks to open and close.

Operating System

Louvers open and close using either a traditional front tilt bar called Palmetto™, a discreet rear tilt bar call TruView™ or a completely hidden internal gear system called Lantana™.

FR Materials

- Patented polysatin construction
- Guaranteed never to warp, fade, chip, or peel
- UV resistant
- Meets or exceeds all requirements of NFPA 701
- R-value 5.68
- GREENGUARD Indoor Air Quality Certified®
- Louver sizes available in 2 ½", 3 ½", 4 ½"
- Energy Efficient

Additional Options

A wide range of framing and color options, hinge finishes, and specialty configurations to meet your design needs.



Shutter sizes vary based on operating system. See Specifications section in the binder, or visit our website for a complete list of product specifications.

Palm Beach™ FR Polysatin Shutters



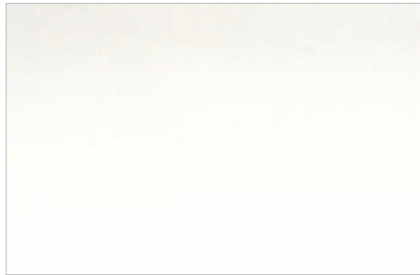
Palm Beach™ FR Polysatin Shutters offer traditional style and superb durability. Resistance to heat and high humidity and inherent flame-retardance make our shutters an ideal choice for a wide range of commercial and contract applications.

KEY FEATURES

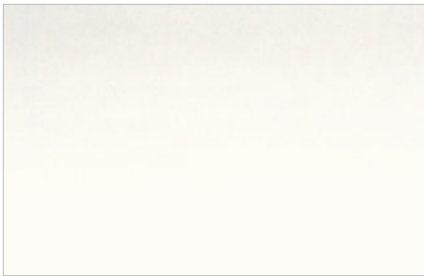
- Patented polysatin construction
- GREENGUARD Indoor Air Quality Certified® and GREENGUARD Children and Schools™ certified for low-emitting products
- Meets requirements of NFPA 701 small scale flammability testing for commercial applications
- Guaranteed never to warp, fade, chip, or peel
- Energy-efficient design with an R-value of 5.68 to help reduce HVAC costs
- UV resistant
- Three louver sizes and four neutral colors
- Lifetime Guarantee



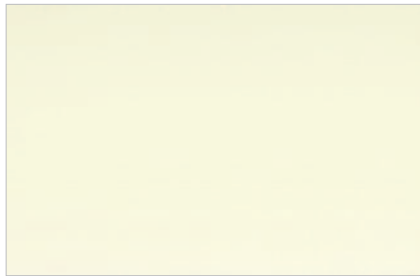
136 Bright White



051 White Silk



137 White



138 Linen



HunterDouglasContract

WINDOW COVERINGS

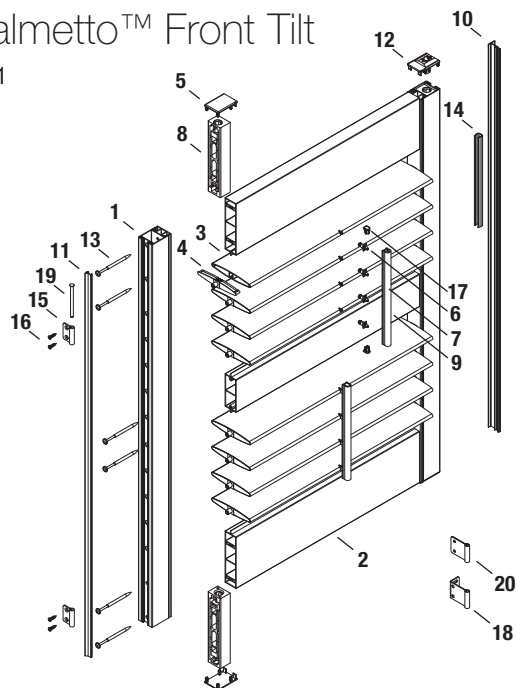
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Palmetto™ Front Tilt

Fig.1



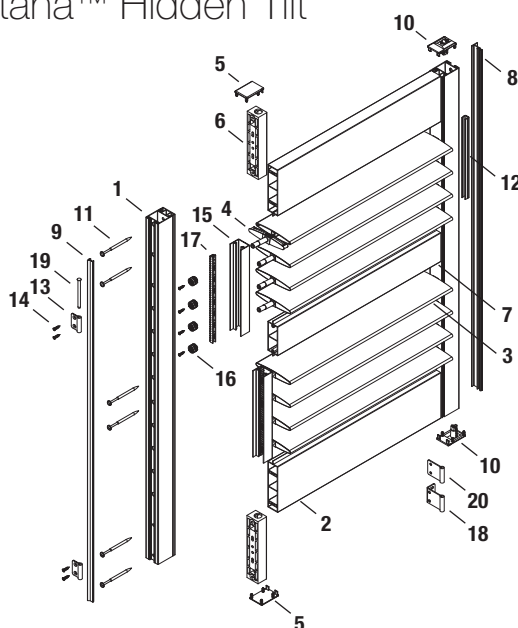
STANDARD COMPONENTS:

Fig.1

- | | |
|------------------------|----------------------------------|
| 1. Stile | 12. Inverted Stile Cap |
| 2. Rail | 13. Panel Screw |
| 3. Louver | 14. Tension Rod |
| 4. Louver End Cap | 15. Hinge Leaf |
| 5. Stile Cap | 16. Hinge Screw |
| 6. Front Cufflink | 17. Tilt Bar Cap |
| 7. Tilt Bar | 18. Optional Wrap Around Hinge |
| 8. Stile Reinforcement | 19. Hinge Pin |
| 9. Divider Rail | 20. Optional Extended Leaf Hinge |
| 10. Astragal | |
| 11. Flex Light Block | |

Lantana™ Hidden Tilt

Fig.2



STANDARD COMPONENTS:

Fig.2

- | | |
|------------------------|----------------------------------|
| 1. Stile | 12. Tension Rod |
| 2. Rail | 13. Hinge Leaf |
| 3. Louver | 14. Hinge Screw |
| 4. Louver End Cap Gear | 15. U-Channel |
| 5. Stile Cap | 16. Gear |
| 6. Stile Reinforcement | 17. Gear Rack |
| 7. Divider Rail | 18. Optional Wrap Around Hinge |
| 8. Astragal | 19. Hinge Pin |
| 9. Flex Light Block | 20. Optional Extended Leaf Hinge |
| 10. Inverted Stile Cap | |
| 11. Panel Screw | |

PRODUCT SPECIFICATIONS

PART 2 – PRODUCTS

2.01 ACCEPTABLE MANUFACTURER

- A.** Hunter Douglas Contract/ 12250 Parkway Centre Dr. / Poway, CA 92064/
Phone: 800-727-8953 Fax: 800-205-9819/ Website: www.hunterdouglascontract.com,
or architect approved equivalent. Contact the following for project assistance and
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(Southern/Central) Christopher Hagen ext. #827312, (Western/Mountain/Upper
Midwest) David Cover ext. #827313, (Northeast) Patrick LeClair ext. #827314.

- B.** Product substitutions must be approved by architect minimum of 30 days prior to close of bid.

2.02 COMMERCIAL SHUTTERS

- A. PRODUCT:** Hunter Douglas “Palm Beach™ Shutters”

B. MATERIALS:

- 1. ROTATION SYSTEM:** Palmetto front tilt bar (optional Lantana™ hidden gear-driven without tilt bar or TruView rear tilt) system provides tight and uniform closure of all louvers at once. Internally fit with components for required specified performance and designed for smooth, quiet, trouble-free operation. Palmetto tilt bar positioned on front and centered on each panel. (Palmetto also available with optional front offset tilt bar).
- 2. LOUVERS:** NFPA Standard 701 compliant flame retardant exterior grade poly-satin vinyl extrusions in 2 1/2" (Optional 3 1/2" or 4 1/2") tapered louvers rotating 180 degrees when actuated by tilt bar rotation system. Equidistant computer positioned louvers allow for equal spacing providing uniform look from shutter to shutter. Constructed to prevent fading, cracking, peeling, & warping of materials. Finish to be standard impregnated color throughout and to match panel & frame.
- 3. PANEL:** NFPA Standard 701 compliant flame retardant exterior grade poly-satin vinyl top & bottom rails with aluminum reinforced stiles (louvers and T-posts at

certain sizes when required) providing maximum strength at all stress points. Color matching stile covers and polycarbonate stile caps conceal fabrication hardware providing finished look. (Horizontal divider rails provide additional strength for larger heights). Constructed to prevent fading, cracking, peeling, & warping of materials. Finish to be standard impregnated color throughout and to match louvers & frame.

- 4. FRAME:** Colonial Z Frame with 2 1/6" overall depth and 2 1/2" face width; Standard Z Frame with 2 1/16" depth and 1 3/4" face width; Decorative Z Frame with 2 1/16" depth and 1 1/8" face width, and standard L Frame with 2 1/16" depth and 3/4" face width. Constructed of flame retardant exterior grade poly-satin designed to compensate for out-of-square windows, provide superior light blockage, and ease of installation. Hinges to match frame, panel & louvers.
- 5. TRACKS:** Optional Bi-Fold (overall depth 2 7/8", overall backside width 2") & Bi-Pass (overall depth 4 1/2", overall backside width 2") track system available.
- 6. MOUNTING HARDWARE:** Manufacturer's standard screws allow for an easy and proper installation.
- 7. ADDITIONAL AVAILABLE OPTIONS:** Stainless Steel Hinges, Removable Pin Hinge, Specialty Shapes, French Doors with and without Cutout, Double-hung Panel Configuration and Café Style Configuration.

2.03 FABRICATION

- A.** Shutter measurements shall be accurate to within +/- 1/16" or as recommended in writing by manufacturer.

2.04 FINISHES

- A.** Four color options are available: Bright White, White, White Silk and Linen. The material resists scratches and dents and the color runs completely through the material.
- B.** Hinges are available in eight finishes: Bright White, White, White Silk, Linen, Brass, Antique Brass, Brushed Nickel and Stainless Steel.

FR Woven Woods Shades



HunterDouglasContract

WINDOW COVERINGS



A versatile, stylish choice. FR Woven Woods Shades have a rich assortment of natural materials including bamboo, reeds, and grasses, and come in a variety of colors and textures. An ideal choice for lounges, restaurants, spas and retail settings.

SUSTAINABLE CONSTRUCTION

Certified for low emissions by the GREENGUARD Environmental Institute and passes strict requirements of GREENGUARD Children and SchoolsSM.

RELIABLE HARDWARE

Durable operating systems assure high quality performance.

ENERGY EFFICIENCY

Increased insulation at the window keeps heat in during the winter and out during the summer.

LOW MAINTENANCE

Soil and dust-resistant materials require minimal cleaning.

LIFETIME GUARANTEE

Operating Systems



Standard Cordlock

Standard cord operation.



Continuous Cord & Clutch

Superior lifting system makes even the largest shades easy to operate.



Multiple Shades On One Headrail

Two or three shades share the same headrail. Standard cordlock or continuous clutch operation. Width dimensions vary depending on configuration and fabric.



Top-Down/Bottom-Up

Operate shades from the top down, the bottom up or in combination.



Motorization

Versatile range of motors and controls to maximize shading benefits.



Specialty Angle Top

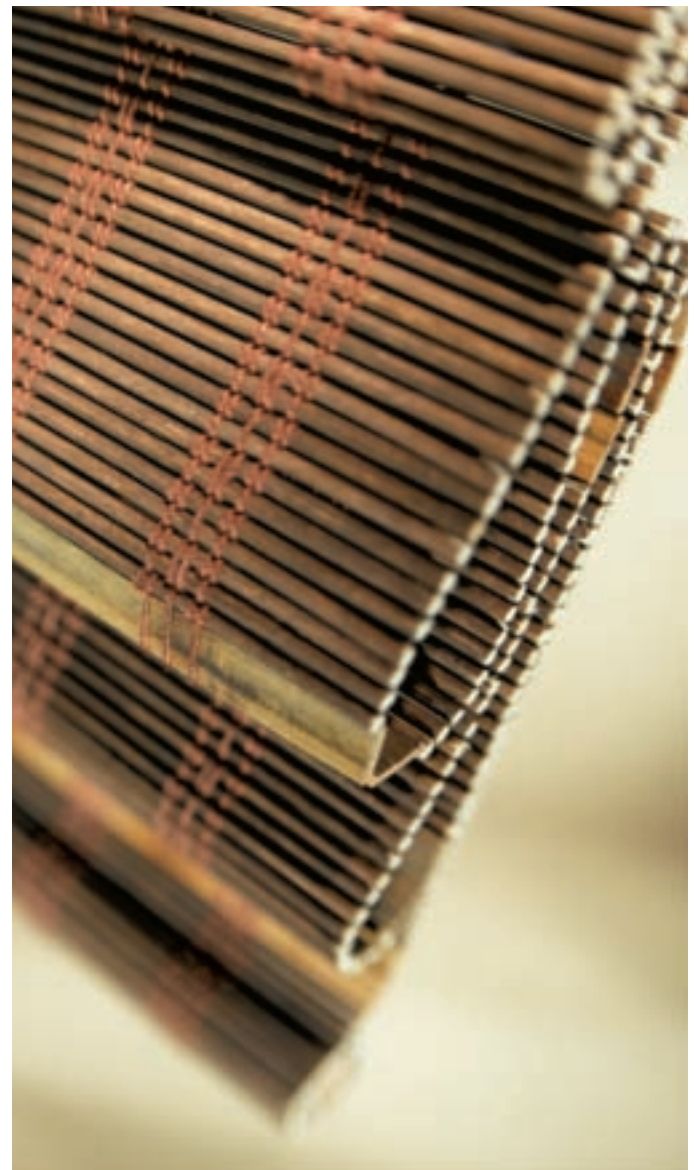
For slanted windows or ceilings to create a dramatic effect.

FR Materials

- Created from select natural woods, reeds, bamboos, and grasses
- Material meets or exceeds all requirements of NFPA 701 small scale flammability testing for commercial applications
- Blackout liner options enhance privacy and provide room-darkening capabilities
- Block 99% of UV to prevent fading
- Winter R-value = 4.82
- Solar shading coefficient = 0.24

Additional Options

Ceiling brackets, extension brackets, hold-down brackets, hobbled style, edge banding, additional valance heights, opacity options.



Shade sizes vary based on material and hardware system.
See Specifications section in the binder, or visit our website for a complete list of product specifications.

FR Woven Wood Shades



Our FR Woven Wood Shades come in a selection of natural materials, including bamboo, reeds, and grasses, and a variety of colors and textures. Shades offer visibility similar to a 10-15% openness roller shade, with availability of a blackout lining.

KEY FEATURES

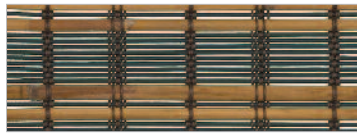
- GREENGUARD Indoor Air Quality Certified® and GREENGUARD Children and SchoolsSM certified for low-emitting products
- Materials meet all requirements of NFPA 701 small scale flammability testing for commercial applications
- Blocks 99% UV rays
- Light-filtering and room-darkening lining options available
- Motorization available
- Lifetime Guarantee



Mandalay

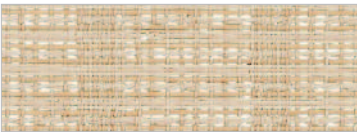


Russet

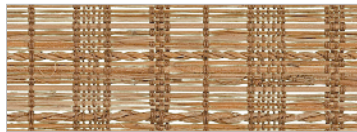


Onyx

Tahiti



Straw Hut



Coconut



Lagoon

Kathay



Han Teak



Beijing Pecan

Safari



Jaguar



Marabou Stork



Giraffe



C O N S S 0 9 W W

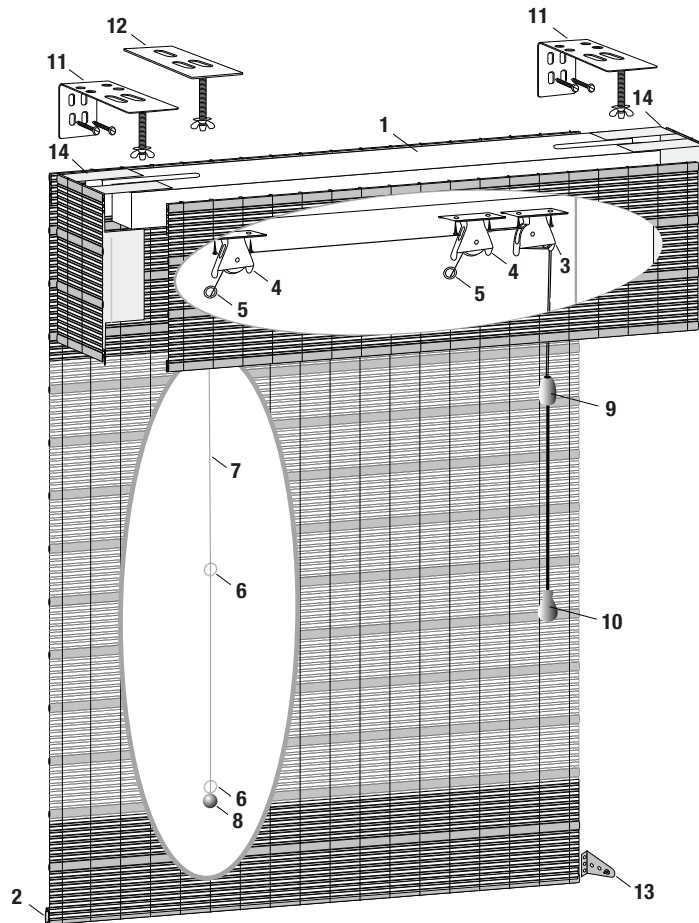
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WINDOW COVERINGS

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STANDARD COMPONENTS:

1. Headrail
2. Bottom Wood Slat
3. Swivel Cordlock
4. Swivel Cord Pulley
5. Grommet Set
6. Split Ring
7. Cord
8. Round Cord Stop
9. Stop Ball
10. Tassel
11. Standard Installation Brackets
12. Ceiling Mount Brackets
13. Hold-Down Brackets
14. Returns

PRODUCT SPECIFICATIONS

PART 2 – PRODUCTS

2.01 ACCEPTABLE MANUFACTURER

- A.** Hunter Douglas Contract/ 12250 Parkway Centre Dr. / Poway, CA 92064/
Phone: 800-727-8953 Fax: 800-205-9819/ Website: www.hunterdouglascontract.com,
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(Southern/Central) Christopher Hagen ext. #827312, (Western/Mountain/Upper
Midwest) David Cover ext. #827313, (Northeast) Patrick LeClair ext. #827314.
- B.** Product substitutions must be approved by architect minimum of 30 days prior to close of bid.

2.02 COMMERCIAL FR WOVEN WOOD SHADES

- A. PRODUCT:** Hunter Douglas "FR Woven Wood Shades"

B. MATERIALS:

1. **FABRIC:** Flame retardant treated natural fabrics constructed of woods, reeds, bamboo, & grasses with 100% polyester yarns. Constructed of even overlapping folds when raised and hangs flat in fully lowered position. Fabric selections create sheer and semi opaque applications. Finish selected by architect from manufacturer's available contract colors.
2. **HEAD/BOTTOM RAIL:** Standard headrail type measuring 1 3/4" X 1" constructed of wood. Mounted with components required for specified performance and designed for smooth, quiet, trouble-free operation. Matching fabric-rolled 3/4" X 3/8" wood bottom rail provides uniform look.

3. **LIFTING/ ROTATION MECHANISM:** Brown engineering plastic/antique finish metal pulleys with gravity feed cord lock raises and lowers shade providing ease of operation when cord is activated and holds shade in place until force is applied. Color coordinated braided polyester 1.8mm diameter cord with color coordinated wood tassel. Located on either side of individual shade unit as per architect's request.

4. **MOUNTING HARDWARE:** Manufacturer's standard metal brackets allow for ceiling and wall installation.

5. **VALANCE:** Standard 6 1/2" in height attached to front edge of headrail system provides uniform look to shade. Standard 1 1/2" valance returns provide uniformity to side view of shade.

6. **ADDITIONAL AVAILABLE OPTIONS:** Clutch Operation, Top-Down/Bottom-Up Applications, Motorization, Optional Cord Lengths, Hold-Down Brackets, Extension Brackets

2.03 FABRICATION

- A.** Blind measurements shall be accurate to within + 1/8" or as recommended in writing by manufacturer.

2.04 FINISHES

- A. FABRIC** color selection from the following: Mandalay: Russet, Onyx. Tahiti: Straw Hut, Coconut, Lagoon. Kathay: Han Teak, Beijing Pecan. Safari: Jaguar, Marabou Stork, Giraffe.

FR Pleated Shades



HunterDouglasContract

WINDOW COVERINGS



Offering superb control of privacy, daylight and solar heat gain, our versatile FR Pleated Shades are available in a wide variety of colors. These shades extend to full window width to eliminate light gaps, making them a good choice as a blackout layer behind other shading products.

SUSTAINABLE CONSTRUCTION

Certified for low emissions by the GREENGUARD Environmental Institute and passes strict requirements of GREENGUARD Children and SchoolsSM.

ENERGY EFFICIENT

Increased insulation at the window keeps heat in during the winter and out during the summer.

RELIABLE HARDWARE

Durable operating systems assure high quality performance.

LOW MAINTENANCE

Soil and dust-resistant materials require minimal cleaning.

LIFETIME GUARANTEE

Operating Systems



Standard Cordlock

Standard cord operating system.



LiteRise®

No pull cords or cord loops; hidden control system enables shades to be easily raised or lowered.



SoftGlide®

This continuous cord loop and clutch assembly makes operating large shades easier.



Two-On-One Headrail

Two shadings share the same headrail; each shade operates independently.



Top-Down/Bottom-Up

Operate shades from the top down, the bottom up or in combination.



Motorization

Versatile range of motors and control options to maximize shading benefits.



Specialty Shapes

Options include: arches, angles, circles, quarter circles, hexagons, octagons, trapezoids, and skylights.

FR Fabrics

- 1" pleat
- Available in two fabrics: Versailles semi-opaque and Castille semi-sheer
- Fabrics meet or exceed all requirements of NFPA 701 small-scale flammability testing for commercial applications
- Metallized fabric (Castille) for energy savings and sun reflection
- Winter R-value / Double Glazing Castille = 2.00/
Versailles = 2.32
- Summer Shading Coefficient / Double Glazing Castille = .50/
Versailles = .30

Additional Options

Inside or outside mount, spacer blocks, extension brackets, end mount brackets.



Shade dimensions vary based on fabric selection and hardware system. See Specifications section in the binder or visit our website for complete list of size limitations.

FR Pleated Shades



Our FR Pleated Shades offer superior control of privacy, daylight, and solar heat gain. These shades extend to full window width to eliminate light gaps, making them a good choice behind other shading products.

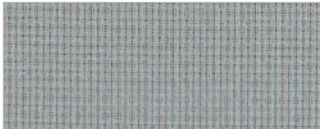
KEY FEATURES

- Great for large applications, covering up to 96 square feet
- GREENGUARD Indoor Air Quality Certified® and GREENGUARD Children and Schools™ certified for low-emitting products
- Fabrics meet all requirements of NFPA 701 small scale flammability testing for commercial applications

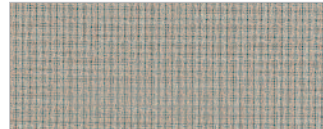
- Energy-efficient design
- Motorization available
- Lifetime Guarantee



Castille FR Fabric



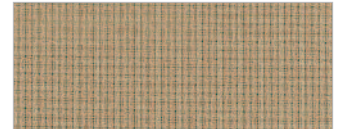
XCS-808 Dove Gray



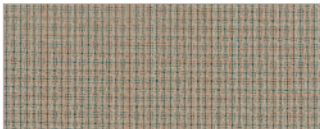
XCS-359 Café Latte



XCS-303 Champagne



XCS-360 Butterscotch

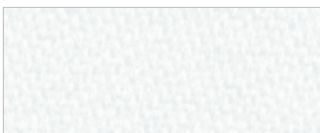


XCS-404 Camel



XCS-405 Copper Hue

Versailles FR Fabric



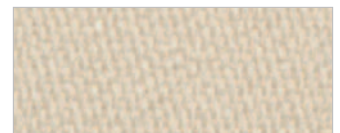
XSF-101 White



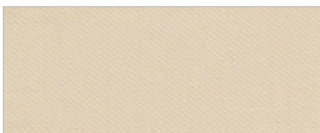
XSF-207 Bone China



XSF-220 Flax



XSF-392 Sand



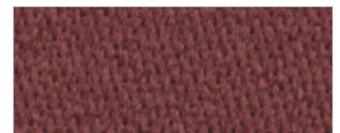
XSF-417 Cheshire



XSF-612 Sea Blue



XSF-432 Linen



XSF-595 Red Wine



C O N S S O 9 P L E A

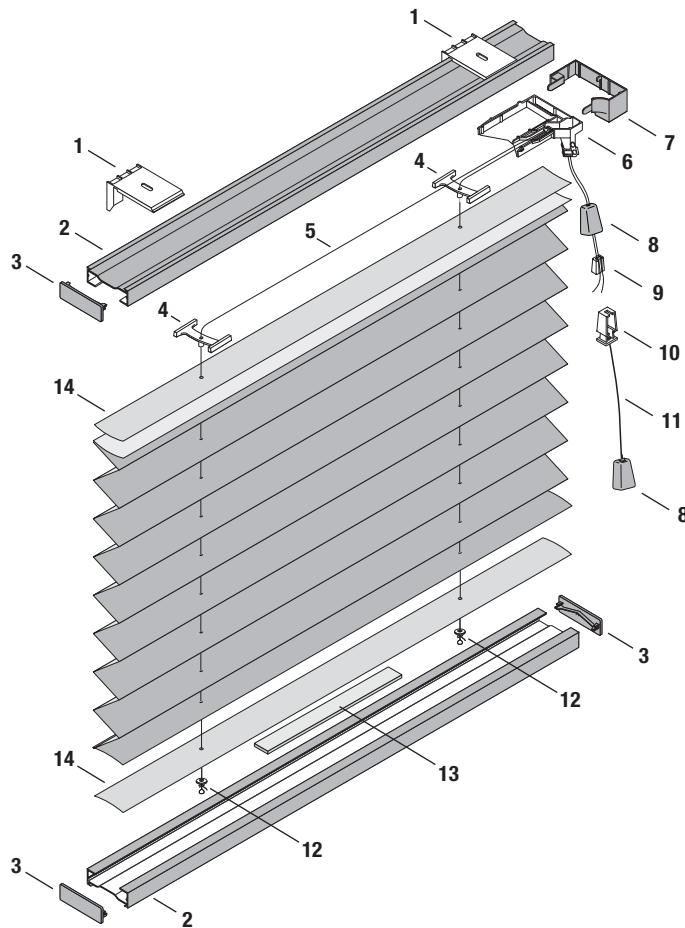
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WINDOW COVERINGS

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STANDARD COMPONENTS:

1. Installation Brackets
2. Headrail/Bottomrail
3. End Caps
4. Cord Guide
5. Lift Cord
6. Cordlock Body
7. Cordlock Cover
8. Universal Cover/Tassel
9. Cord Equalizer
10. Equalizer Housing
11. Pull Cord
12. Plastic Washer
13. Rail Weight* - Optional
14. Filler Strip

PRODUCT SPECIFICATIONS

PART 2 – PRODUCTS

2.01 ACCEPTABLE MANUFACTURER

- A. Hunter Douglas Contract/ 12250 Parkway Centre Dr. / Poway, CA 92064/
Phone: 800-727-8953 Fax: 800-205-9819/ Website: www.hunterdouglascontract.com,
or architect approved equivalent. Contact the following for project assistance and
dealer referral @ 800-964-2580: (Mideast/Midwest) Keith Burgess ext. #827311,
(Southern/Central) Christopher Hagen ext. #827312, (Western/Mountain/Upper
Midwest) David Cover ext. #827313, (Northeast) Patrick LeClair ext. #827314.
- B. Product substitutions must be approved by architect minimum of 30 days prior to close of bid.

2.02 PLEATED SHADES

- A. **PRODUCT:** Hunter Douglas "Contract FR Pleated Shades"

B. MATERIALS:

1. **FABRICS:** Inherently anti-static 100% polyester with 1" pleats extending full width of opening and providing compacted appearance when fully raised. (Castille FR fabric with energy efficient metallized backing containing thin layer of aluminum bonded to fabric back for increased energy savings and UV protection). Finish selected by architect from manufacturer's available contract colors.
2. **HEAD/BOTTOM RAIL:** Standard type measuring 1.0625" x .447" x .040" thick constructed of aluminum alloy 6063. Internally fit with components required for specified performance and designed for smooth, quiet, trouble-free operation. Finish to be standard baked-on enamel and to coordinate with fabric. Ends fitted with polycarbonate end caps color coordinated with rails.

3. **LIFTING MECHANISM:** Molded polycarbonate plastic cordlock color coordinated to fabric with stainless steel components. Color coordinated braided polyester .0354" lift cord, safety tassel, and stop-ball. Located on either side of individual shade unit as per architect's request.
4. **MOUNTING HARDWARE:** Manufacturer's standard polycarbonate universal hidden brackets, provide a sleek, unobtrusive appearance.
5. **ADDITIONAL AVAILABLE OPTIONS:** SoftGlide®, Top-Down, Top-Down/Bottom-Up, 2 Blinds on 1 Headrail, Specialty Shapes, LiteRise®, Skylight Systems, Hold Down Brackets, PowerRise® with Platinum™ Technology.

2.03 FABRICATION

- A. Blind measurements shall be accurate to within + 1/8" or as recommended in writing by manufacturer.

2.04 FINISHES

- A. **FABRIC** finish selection from the following: Castille FR Fabric: XCS-359 Café Latte, XCS-360 Butterscotch, XCS-405 Copper Hue, XCS-303 Champagne, XCS-404 Camel, XCS-808 Dove Gray. Versailles FR Fabric: XSF-101 White, XSF-220 Flax, XSF-207 Bone China, XSF-417 Chesire, XSF-392 Sand, XSF-432 Linen, XSF-595 Red Wine, XSF-612 Sea Blue.

Skyline™ FR Gliding Window Panels



HunterDouglasContract

WINDOW COVERINGS



Ideal for large expanses of glass, Skyline™ FR Gliding Window Panels traverse horizontally, sliding across the window on a slim track. This innovative system features a smooth, reliable mechanism and a selection of sophisticated shading fabrics, and can shade even the largest glazing areas while maintaining clean, architectural lines.

SUSTAINABLE CONSTRUCTION

Select Fabrics are certified for low emissions by the GREENGUARD Environmental Institute and pass strict requirements of GREENGUARD Children and SchoolsSM.

INNOVATIVE DESIGN

Patented two-channel, single track allows any number of panels on one headrail.

LOW MAINTENANCE

Soil and dust resistant materials require minimal cleaning.

ENERGY EFFICIENCY

Increased insulation at the window keeps heat in during the winter and out during the summer.

RELIABLE HARDWARE

Interlocking bottom-weight system increases panel stability and eliminates tangling.

LIFETIME GUARANTEE

Operating Systems



Manual Cord Control

Fits rectangular window openings; opens and closes from side to side.



Manual Wand Control (Single/Dual)

Dual wand control allows each side to operate independently.



Room Divider Kit

Available to facilitate use of product to define interior spaces.



Valance

Four valance options available: standard, sleek metal, fabric valance, or box valance for room divider applications.



Fabric Wrapped Large Cassette Top Treatment

Available up to 192".



Motorization

Featuring PowerGlide® 2.0 with Platinum™ Technology. Drives unit up to 384". Features color-coordinated motor cover for seamless look.

FR Fabrics

- Two panel widths - 11 ½" and 17" - create uniformity within any room and provide minimum stackback for maximum view-through
- Fabrics available in 0% - 14% openness
- Fabrics meet or exceed all requirements of NFPA 701 small scale flammability testing for commercial applications

Additional Options

Left, right, or split stack configuration, left or right control, spliced headrail to achieve widths to 384".



Shade sizes vary based on fabric selection and hardware system. See Specifications section in the binder, or visit our website for a complete list of product specifications.

Skyline™ FR Gliding Window Panels



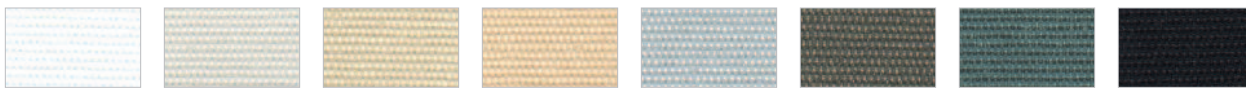
Skyline® FR Gliding Window Panels traverse horizontally across the window on a slim track. This innovative system features a smooth, reliable mechanism and a selection of sophisticated shading fabrics.

KEY FEATURES

- Patented dual-channel, single track covers widths up to 384" and drops as tall as 168", standard and motorized units available
- Select fabrics are GREENGUARD Indoor Air Quality Certified® and GREENGUARD Children and Schools® certified for low-emitting products
- Fabrics meet all requirements of NFPA 701 small scale flammability testing for commercial applications
- Color-coordinated hardware
- Multiple designer top treatment options available
- Interlocking bottom-weight increases panel stability and eliminates tangling
- Lifetime Guarantee



(0% Openness) Flocke



Blanc

Sahel

Mississippi

Beige

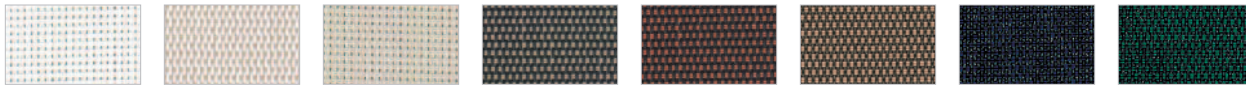
Chartreux

Loutre

Petrole

Noir

(5% Openness) Cape Sound*



Patagonian
Glacier

Mykonos
Sand

Saharan
Storm

Chamorro
Coconut

Marrakesh

Palmira Teak

Blue Smoke

Sea Green

* GREENGUARD
certified fabrics

(10% Openness) Diamond Head



Bamboo
Whitewash

Bamboo
Birch

Marble
Sand

(10% Openness) Hampton Breeze



Riverboat White

Magnolia

Chicory

Dijon

Vanilla Belle

Wrought Iron

Jambalaya

(14% Openness) Parker Hill



White

Sand

Dune

Silver

Honey Sage

Harvest

Dark Gray

Chocolate

Moss Green

Hardware Colors



Lace

Ivory

Silver

Desert Gold

Gold

Dusty Green

Pewter

Bronze

Very Black



C O N S S O 9 S K Y

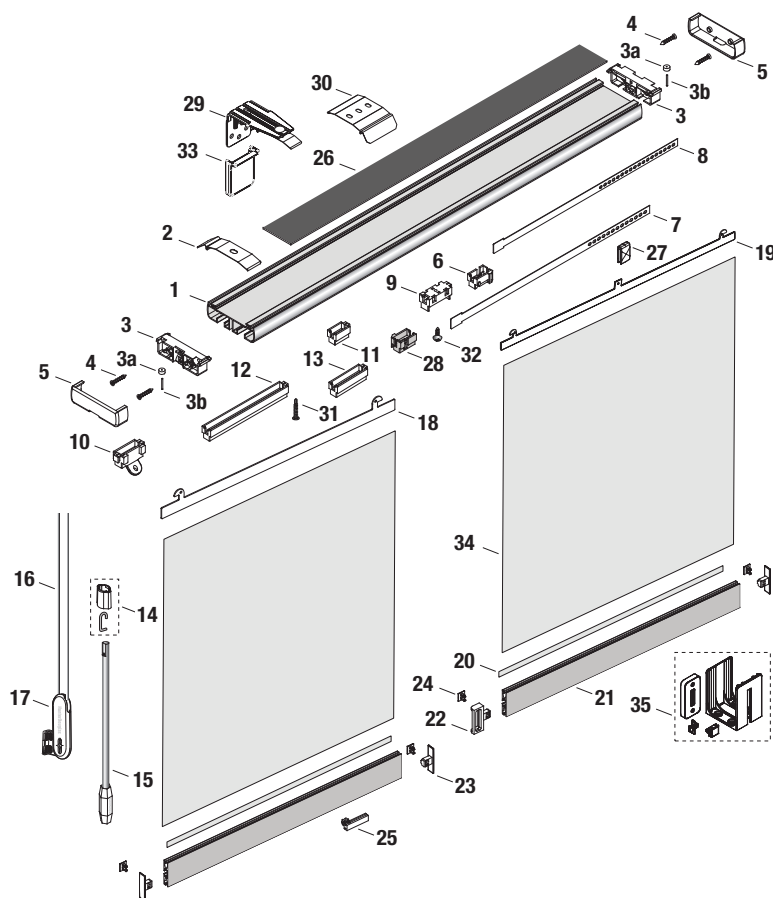
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WINDOW COVERINGS

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STANDARD COMPONENTS:

- | | |
|----------------------------------|--|
| 1. Headrail | 21. Bottom Weight |
| 2. Mounting Clip | 22. Snap Slide End Cap |
| 3. End Cap | 23. Bottom Weight End Cap |
| 3a. Cord Wheel | 24. End Cap Pin |
| 3b. Axle | 25. Snap Slide |
| 4. End Cap Screw | 26. Sound Deadening Material |
| 5. Outside End Cap | 27. 17" Fabric Hanger Center Support Cap |
| 6. Right Facing Carrier (white) | 28. Left Facing Carrier (Gray) |
| 7. 17" Carrier Spacer Link | 29. 3 1/2" L Bracket w/Clip |
| 8. 11 1/2" Carrier Spacer Link | 30. Headrail Splicer Clip |
| 9. Cord Driver | 31. Carrier Locking Screw |
| 10. Wand Driver | 32. Cord Lock Screw |
| 11. Small Spacer | 33. Bracket Cover |
| 12. Big Spacer | 34. Panel Fabric |
| 13. Medium Spacer | |
| 14. Wand Sleeve | |
| 15. Wand Assembly | |
| 16. Traverse Cord | |
| 17. Universal Cord Tensioner | |
| 18. 17" Fabric Hanger | |
| 19. 11 1/2" Fabric Hanger | |
| 20. Bottom Weight Mounting Strip | |

OPTIONAL COMPONENTS:

35. Room Divider Kit
Valances (not shown)
Motorization (not shown)

PRODUCT SPECIFICATIONS

PART 2 – PRODUCTS

2.01 ACCEPTABLE MANUFACTURER

- A.** Hunter Douglas Contract/ 12250 Parkway Centre Dr. / Poway, CA 92064/
Phone: 800-727-8953 Fax: 800-205-9819/ Website: www.hunterdouglascontract.com,
or architect approved equivalent. Contact the following for project assistance and
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(Southern/Central) Christopher Hagen ext. #827312, (Western/Mountain/Upper
Midwest) David Cover ext. #827313, (Northeast) Patrick LeClair ext. #827314.
- B.** Product substitutions must be approved by architect minimum of 30 days prior to close of bid.

2.02 PANEL TRACK SYSTEMS

- A. PRODUCT:** Hunter Douglas "Skyline™ FR Gliding Window Panels"
B. MATERIALS:

- FABRICS:** Inherently anti-static, flame retardant, fade and stain resistant fabrics providing 0% - 14% openness factors. Fabric weights to range between 11.79 oz/sq.yd. – 14.60 oz/sq.yd. containing fiberglass, PVC, polyester, & vinyl coatings. Finish selected by architect from manufacturer's available contract colors. Panel widths available in 11 1/2" and 17".
- HEADRAIL:** Patented powder coated color-coordinated aluminum dual channel single track system measuring 2 1/2" X 3/4". Internally fit with components required for specified performance and designed for smooth, quiet, trouble-free operation.
- TRAVERSING:** Stretch resistant, non-fraying, and lint-free lock knit polyester cord provides traversing capabilities for left, right, and split stack draws. Single wand or dual wand control (for split stack units) or PowerGlide® 2.0 Motorization available.

- BOTTOM WEIGHTS:** Powder coated color-coordinated aluminum interlocking bottom weights provides panel stability and alleviates panel tangling.
- MOUNTING HARDWARE:** Manufacturer's standard L- bracket with clip (outside mounts) and clip only (inside mounts) provide required support. OB brackets are color-coordinated to hardware on shade; IB/CB brackets are not visible once shade is mounted.
- ADDITIONAL AVAILABLE OPTIONS:** Top treatment options – sleek metal valance, fabric valance, box valance for room dividers, or fabric wrapped large cassette.

2.03 FABRICATION

- A.** Shade measurements shall be accurate to within + 1/8" or as recommended in writing by manufacturer.

2.04 FABRICS

- A. FABRIC** selection from the following: (0% Openness) Flocke: Blanc, Sahel, Mississippi, Beige, Chartreux, Loutre, Petrole, Encre, Noir. (5% Openness) Cape Sound: Patagonian Glacier, Mykonos Sand, Saharan Storm, Chamorro Coconut, Marrakesh, Palmira Teak, Blue Smoke, Sea Green. (10% Openness) Diamond Head: Bamboo Whitewash, Bamboo Birch, Marble Sand. (10% Openness) Hampton Breeze: Riverboat White, Magnolia, Chicory, Dijon, Vanilla Belle, Wrought Iron, Jambalaya. (14% Openness) Parker Hill: White, Harvest, Sand, Dune, Honey Sage, Chocolate, Dark Gray, Silver.

2.05 FINISHES

- A. HARDWARE** finish selection from the following: Bronze 064, Dusty Green 204, Gold 235, Desert Gold 907, Ivory 320, Lace 661, Pewter 810, Silver 276, Very Black 048

Motorization



HunterDouglasContract

WINDOW COVERINGS



We designed our Motorized Roller Shading Systems to provide exceptional performance in the complete range of commercial applications, from single rooms, offices, and A/V spaces to building-wide automation. Offering powerful, quiet operation, our motorized shades bring the ease of use and reliability you expect from Hunter Douglas Contract. A versatile approach to controls allows our shades to integrate with any other automated and/or building management systems, making them ideal for both new construction and retrofits.

QUIET OPERATION

Our motors are tested to operate at sound levels equivalent to office conversation.

POWER

Hunter Douglas Contract standard motors can operate shades up to 240" wide and 144" in height. Solutions for larger shades are also available.

VERSATILITY

We designed our motors with best-in-class control boards that integrate with a wide range of other systems via dry contact, serial, or other protocols.

CONVENIENCE

Motorized shades are easy to operate. Open or close one or more shades with the touch of a switch – or the click of a mouse.

AUTOMATION

Research shows that automated sun-tracking shades enable energy savings from lighting and HVAC systems by maximizing control of glare and solar heat gain.

OVERSIZE SHADES

Motorized systems are a good option for shading large windows, as the weight of an oversized shade can make it hard to operate.

Operating Systems



Whisper Motors™ HDC 100

Operates roller shades up to 156" wide.
Maximum roll up diameter 4.5".
Available in standard (S), smart (Q), and
Z-Wave (Z).



Whisper Motors™ HDC 200

Operates roller shades up to 240" wide.
Maximum roll up diameter 4.5".
Available in standard (S), smart (Q), and
Z-Wave (Z).



Whisper Motors™ Control Options

Intermediate stops, group control up
to hundreds of shades, scene control,
control by timer, sun-tracking, coupled
shades.

Motorization Options

Versatile range of motors and controls for the following products:

- FR Aluminum Horizontal Blinds
- Duette® FR Honeycomb Shades
- FR Alternative Wood Blinds
- Wood Blinds and Alternative Wood Blinds
- Silhouette® FR Window Shadings
- FR Vertical Blinds
- Vignette® FR Modern Roman Shades
- FR Woven Woods Shades
- FR Pleated Shades
- Skyline™ FR Gliding Window Panels



Hunter Douglas Contract Product Sizes

	MAX WIDTH (INCHES)	MAX HEIGHT (INCHES)	MAX AREA (SQ FT)
FR ALUMINUM HORIZONTAL BLINDS			
Contract 1" Aluminum Blinds	144	144*	144
Contract 2" Aluminum Blinds	144	144*	144
Contract Micro Aluminum Blinds	120	108	90
CHALET WOODS® WOOD BLINDS			
Chalet Woods® Std Rectangular Single Blind			
2"	96	120	50
2-1/2"	96	120	45
Chalet Woods® Multiple Blinds Two-On-One Headrail	96	120	80
Chalet Woods® Multiple Blinds Three-On-One Headrail	96	120	80
Chalet Woods® LiteRise® Single Blind Only	78	84	45-1/2
COUNTRY WOODS® WOOD BLINDS			
Country Woods® Std Rectangular Single Blind			
1"	72	120	38
2"	96	120	50
Country Woods® Multiple Blinds Two-on-One Headrail			
1"	96	120	80
2"	96	120	80
Country Woods® Multiple Blinds Three-on-One Headrail			
1"	96	120	76
2"	96	120	80
Country Woods® LiteRise® Single Blind Only			
2" only	78	34	45-1/26
DUETTE® FR HONEYCOMB SHADES			
Duette® Std Cordlock			
D16 - 3/4" Opaque	174	192	40
D20 - 3/4" Semi-Opaque	174	174	60
D21 - 3/8" Semi-Opaque	174	138	60
Duette® Cordlock Top-Down			
D16 - 3/4" Opaque	108	174	40
D20 - 3/4" Semi-Opaque	108	174	60
D21 - 3/8" Semi-Opaque	108	138	60
Duette® Cordlock Top-Down/Bottom-Up			
D16 - 3/4" Opaque	108	108	40
D20 - 3/4" Semi-Opaque	108	108	48
D21 - 3/8" Semi-Opaque	108	108	48

	MAX WIDTH (INCHES)	MAX HEIGHT (INCHES)	MAX AREA (SQ FT)
DUETTE® FR HONEYCOMB SHADES (CONTINUED)			
Duette® Cordlock Duolite			
D16 - 3/4" Opaque	72	96	40/panel
D20 - 3/4" Semi-Opaque	72	96	48/panel
D21 - 3/8" Semi-Opaque	72	96	48/panel
Duette® Cordlock Two-on-One			
D16 - 3/4" Opaque	174	174	40/panel
D20 - 3/4" Semi-Opaque	174	174	60/panel
D21 - 3/8" Semi-Opaque	174	138	60/panel
Duette® LiteRise			
D16 - 3/4" Opaque	120	84	70
D20 - 3/4" Semi-Opaque	120	84	70
Duette® EasyRise			
D16 - 3/4" Opaque	174	144	120
D20 - 3/4" Semi-Opaque	174	144	150
D21 - 3/8" Semi-Opaque	174	138	130
Duette® EasyRise Top-Down/Bottom-Up			
D16 - 3/4" Opaque	174	144	120
D20 - 3/4" Semi-Opaque	174	144	150
D21 - 3/8" Semi-Opaque	174	138	130
Duette® EasyRise Two-on-One Headrail			
D16 - 3/4" Opaque	174	144	120/panel
D20 - 3/4" Semi-Opaque	174	144	150/panel
D21 - 3/8" Semi-Opaque	174	138	130/panel
Duette® Vertiglide			
D20 - 3/4" Semi-Opaque	168	120	120
Duette® Non-Operable Sidelight			
D16 - 3/4" Opaque	11.875	120	10
D20 - 3/4" Semi-Opaque	11.875	120	10
D21 - 3/8" Semi-Opaque	11.875	120	10
Duette® Cordless Operable Sidelight			
D16 - 3/4" Opaque	17.875	84	10.43
D20 - 3/4" Semi-Opaque	17.875	84	10.43
D21 - 3/8" Semi-Opaque	17.875	84	10.43

* Heights in excess of 144" available.
 Surcharges and guarantee exclusion apply.

Hunter Douglas Contract Product Sizes

	MAX WIDTH (INCHES)	MAX HEIGHT (INCHES)	MAX AREA (SQ FT)
DUETTE® FR HONEYCOMB SHADES (CONTINUED)			
Duette® Simplicity			
D16 - 3/4" Opaque	60	72	25
D20 - 3/4" Semi-Opaque	60	72	25
D21 - 3/8" Semi-Opaque	60	72	25
Duette® SkyRise			
D16 - 3/4" Opaque	96	174	50
D20 - 3/4" Semi-Opaque	96	144	80
D21 - 3/8" Semi-Opaque	96	138	80
Duette® Hard-Wired Motorization			
D16 - 3/4" Opaque	174	120	80
D20 - 3/4" Semi-Opaque	174	120	80
D21 - 3/8" Semi-Opaque	174	120	80
Duette® Arch			
D16 - 3/4" Opaque	84	1/2 width	-
D20 - 3/4" Semi-Opaque	84	1/2 width	-
D21 - 3/8" Semi-Opaque	84	1/2 width	-
Duette® Circle			
D16 - 3/4" Opaque	68	68	32
D20 - 3/4" Semi-Opaque	68	68	32
D21 - 3/8" Semi-Opaque	68	68	32
Duette® Quarter Circle			
D16 - 3/4" Opaque	42	42	12
D20 - 3/4" Semi-Opaque	42	42	12
D21 - 3/8" Semi-Opaque	42	42	12
Duette® Angle (0-30 degree slope)			
D16 - 3/4" Opaque	48	72	24
D20 - 3/4" Semi-Opaque	72	84	42
D21 - 3/8" Semi-Opaque	72	84	42
Duette® Angle (30-45 degree slope)			
D16 - 3/4" Opaque	48	72	24
D20 - 3/4" Semi-Opaque	60	84	35
D21 - 3/8" Semi-Opaque	60	84	35
Duette® Angle (45-60 degree slope)			
D20 - 3/4" Semi-Opaque	42	84	24
D21 - 3/8" Semi-Opaque	42	84	24

	MAX WIDTH (INCHES)	MAX HEIGHT (INCHES)	MAX AREA (SQ FT)
DUETTE® FR HONEYCOMB SHADES (CONTINUED)			
Duette® Hexagon			
D16 - 3/4" Opaque	30	30	6
D20 - 3/4" Semi-Opaque	30	30	6
D21 - 3/8" Semi-Opaque	30	30	6
Duette® Octagon			
D16 - 3/4" Opaque	30	30	6
D20 - 3/4" Semi-Opaque	30	30	6
D21 - 3/8" Semi-Opaque	30	30	6
Duette® Trapezoid			
D16 - 3/4" Opaque	72	96	48
D20 - 3/4" Semi-Opaque	72	96	48
D21 - 3/8" Semi-Opaque	72	96	48
EVERWOOD® ALTERNATIVE WOOD BLINDS			
EverWood® Std Rectangular Single Blind	96	120	45
EverWood® Multiple Blinds	96	120	80
EverWood® LiteRise® Single Blind Only	72	72	36
PALM BEACH™ FR POLYSATIN SHUTTERS			
Standard Panel	36/30 Double Hung	120	-
Bi-Fold Panel System	24/20 Double Hung	120	-
Bi-Fold Panel System, two panels	48/40 Double Hung	120	-
Bi-Fold Panel System, four panels	96/80 Double Hung	120	-
Bi-Fold Panel System, six panels	144/120 Double Hung	120	-
Bi-Fold Track System, per panel	24	120	-
Bi-Fold Track System, overall two panels	48	120	-
Bi-Fold Track System, overall four panels	96	120	-
Bi-Fold Track System overall width	192	120	-
Bypass Track System panel width	36	120	-
Bypass Track System overall width	284	120	-

Hunter Douglas Contract Product Sizes

	MAX WIDTH (INCHES)	MAX HEIGHT (INCHES)	MAX AREA (SQ FT)
FR PLEATED SHADES			
Pleated Shades Std Cordlock			
Castille FR	68	96	46
Versailles FR	72	96	48
Pleated Shades Top-Down/Bottom-Up			
Castille FR	68	72	46
Versailles FR	72	72	48
Pleated Shades Two-on-One Headrail			
Castille FR	136	96	46
Versailles FR	72	96	48
Pleated Shades SoftGlide®			
Castille FR	68	96	46
Versailles FR	72	96	48
Pleated Shades LiteRise®			
Castille FR	68	82	42
Versailles FR	72	82	42
FR ROLLER SHADES			
Manual Shades	192	144	-
Motorized Shades	192	192	-
Dual Manual and Motorized Shades	120	120	-
Dual Coupled and Coupled Shades	240	144	-
SILHOUETTE® FR WINDOW SHADINGS			
EasyRise™ Standard			
Originale	120	126	105
Bon Soir	120	112	93
EasyRise™ Two-On-One Headrail			
Originale	144	126	126
Bon Soir	144	112	112
UltraGlide®			
Originale	96	96	64
Bon Soir	96	78	52
UltraGlide® Two-On-One Headrail			
Originale	144	96	96
Bon Soir	144	78	78
UltraGlide® Tilt-Only			
	30	120	25

	MAX WIDTH (INCHES)	MAX HEIGHT (INCHES)	MAX AREA (SQ FT)
SKYLINE™ FR GLIDING WINDOW PANELS			
Side Stack			
11-1/2" Panels	28	168	33
17" Panels	56	168	65
Split Stack			
11-1/2" Panels	34	168	40
17" Panels	56	168	65
Maximum Width			
11-1/2" Panels	384	168	448
17" Panels	384	168	448
FR VERTICAL BLINDS			
PermAlign® Headrail	300	192	400
Curved Track	216	144	216
Angled Track	150	144	150
VIGNETTE® FR MODERN ROMAN SHADES			
Heather			
EasyRise™ Std Traditional	72	102	51
EasyRise™ Std Tailored	72	120	60
EasyRise™ EveScape Traditional	72	84	42
EasyRise™ EveScape Tailored	72	108	54
Multi Panel	96	60	40
Top-Down/Bottom-Up	72	78	39
Linen Weave			
EasyRise™ Std Traditional/Tailored	96	62	41
EasyRise™ EveScape Traditional/Tailored	88	72	44
Multi Panel	96	62	41
Top-Down/Bottom-Up	72	102	51
WOODMATES® ALTERNATIVE WOOD BLINDS			
WoodMates® Std Rectangular Single Blind	96	120	45
WoodMates® Multiple Blinds	96	120	80
FR WOVEN WOODS SHADES			
Standard Rectangular			
Kathay / Safari / Tahiti colors except Lagoon	96	108	72
Mandalay / Tahiti Lagoon	72	108	54
Two-on-One Headrail			
Cordlock	96	108	72
Clutch	144	108	108
Three-on-One Headrail (Cordlock only)			
	96	108	72
Top-Down/Bottom-Up (Cordlock only)			
Kathay / Safari / Tahiti colors except Lagoon	96	108	72
Mandalay / Tahiti Lagoon	96	108	72

Hunter Douglas Contract Window Coverings Lifetime Guarantee

Hunter Douglas, Inc. warrants that its contract products will be free from defects in materials and workmanship for so long as the original purchaser owns the product, subject to the exceptions set forth below, PROVIDED THAT SUCH PRODUCTS WERE: (1) purchased after May 15, 1992; (2) properly installed in commercial, institutional or multi-tenant facilities; and (3) made or assembled exclusively from Hunter Douglas materials and components.

Fabrics and cords are warranted from the date of purchase by the original purchaser as follows: 2 years for Silhouette® FR and Vignette® FR, 5 years for FR Roller Shades and 3 years for all other fabric and cords. Vertical tracks are warranted from the date of purchase by the original purchaser as follows: 3 years for Contract PC-0440, PermaTrack, & specialty tracks and 5 years for PermAlign tracks. All Hunter Douglas Contract motorized products and motor control systems are warranted for a period of 5 years from the date of purchase by original purchaser.

Hunter Douglas shall repair or replace, in its sole discretion, the product or components found to be defective. Hunter Douglas shall not be responsible for shipping charges or labor costs incurred for measuring, demounting or installation. Repairs will be made with like or similar parts.

This warranty excludes any condition or damage relating to or resulting from accidents, alterations, exposure to the elements, discoloration or fading over time, misuse, abuse, normal wear & tear, a third party's motorized devices, removal and/or reinstallation of the product in another location, failure to follow Hunter Douglas instructions with respect to measurement, installation, cleaning or maintenance, or force majeure (including without limitation, fire, floods, standing water, explosions, earthquakes, vandalism, riots, acts of war, pollutants, acts of God or other occurrences beyond Hunter Douglas' control).

THIS WARRANTY IS EXCLUSIVE AND IN LIEU OF ALL OTHER OBLIGATIONS, LIABILITIES OR WARRANTIES. HUNTER DOUGLAS DISCLAIMS ALL OTHER WARRANTIES, WHETHER EXPRESS, IMPLIED OR STATUTORY, INCLUDING ANY WARRANTY OF MERCHANTABILITY, ANY WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE OR OTHERWISE. In no event shall Hunter Douglas or its distributors be liable or responsible for INCIDENTAL OR CONSEQUENTIAL DAMAGES or for any other direct or indirect damage, loss, cost, expense or fee. Some states do not allow the exclusion or limitation of consequential or incidental damages, so this exclusion or limitation may not apply to you.

This warranty gives you specific legal rights, and you may also have other rights, which vary from state to state. To obtain warranty service, contact Hunter Douglas Contract Services. Warranty claims must be accompanied by proof of purchase.

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WINDOW COVERINGS

Care and Cleaning

FR ALUMINUM HORIZONTAL BLINDS

- Dusting
- Compressed Air
- Spot Cleaning
- Hand Held Vacuuming
- Hair Dryer Cool Setting
- Bathtub Cleaning/Water Immersion

DUETTE® FR HONEYCOMB SHADES

- Dusting
- Compressed Air
- Spot Cleaning
- Hand Held Vacuuming
- Hair Dryer Cool Setting
- Injection Extraction Cleaning

COUNTRY WOODS® BLINDS

- Dusting
- Compressed Air
- Spot Cleaning
- Hand Held Vacuuming
- Hair Dryer Cool Setting

ALTERNATIVE WOOD BLINDS

- Dusting
- Spot Cleaning
- Vacuuming
- Bathtub Immersion

PALM BEACH® FR POLYSATIN SHUTTERS

- Dusting
- Compressed Air
- Hand Held Vacuum
- Spot Cleaning

FR PLEATED SHADES

- Dusting
- Compressed Air
- Spot Cleaning
- Hand Held Vacuuming
- Hair Dryer Cool Setting

FR ROLLER SHADES

- Dusting
- Compressed Air
- Spot Cleaning
- Hand Held Vacuuming
- Hair Dryer Cool Setting

SILHOUETTE® FR WINDOW SHADINGS

- Dusting
- Compressed Air
- Injection/Extraction Cleaning
- Hand Held Vacuuming
- Hair Dryer Cool Setting

SKYLINE® FR GLIDING WINDOW PANELS

- Dusting
- Compressed Air
- Spot Cleaning
- Hand Held Vacuuming
- Hair Dryer Cool Setting

FR VERTICAL BLINDS

- Dusting
- Compressed Air
- Spot Cleaning
- Hand Held Vacuuming
- Hair Dryer Cool Setting

VIGNETTE® FR MODERN ROMAN SHADES

- Dusting
- Compressed Air
- Spot Cleaning
- Injection/Extraction
- Hand Held Vacuuming
- Hair Dryer Cool Setting
- Ultrasonic
- Steaming

FR WOVEN WOODS SHADES

- Dusting
- Compressed Air
- Spot Cleaning
- Hand Held Vacuuming
- Hair Dryer Cool Setting

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WINDOW COVERINGS

Energy Savings from Hunter Douglas Window Shades

HEATING AND COOLING COSTS

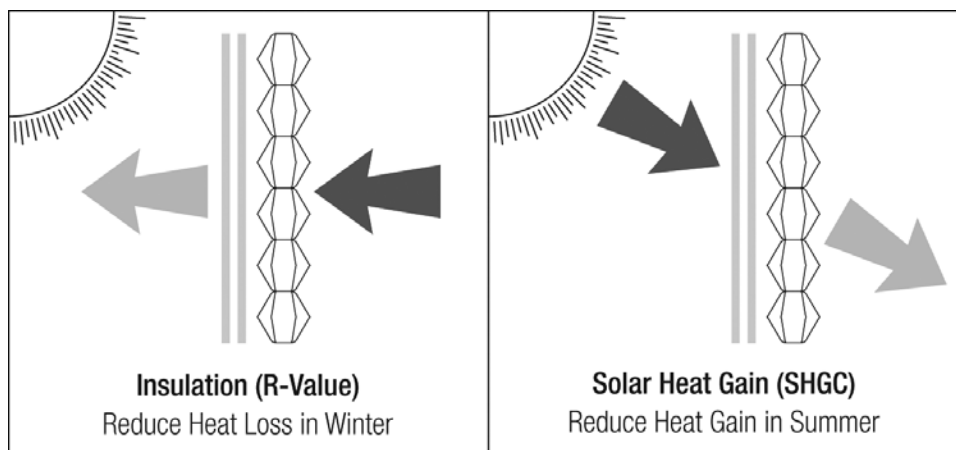
Energy-efficient window coverings translate into year-round savings on heating and cooling costs. The more heat loss and heat gain they prevent, the more money will be saved by keeping rooms warmer in winter and cooler in summer. Simple numeric values for product and fabric type can help you gauge the energy efficiency of any Hunter Douglas product.

WINTER COMFORT: R-VALUE

A product's "R-value" is a measurement of its ability to resist heat flow. In the winter, R-values indicate the ability of walls, roofs and windows to keep heat inside. The higher its R-value, the more insulation a product provides. The walls and roof of a well-constructed building typically have an average R-value of 25. The low-e double-glazed windows can have an R-value of 3.5. These windows would allow about seven times more energy to escape per square foot than the rest of the building's exterior. Windows truly are energy "holes." This is where Hunter Douglas products can have a very positive impact.

SUMMER COMFORT: SOLAR HEAT GAIN COEFFICIENT

A product's "solar heat gain coefficient" (SHGC) is a measurement of its ability to reduce heat gain from the sun. When used with windows, it is the fraction of solar energy striking a window that actually passes through it to heat the room. SHGC is expressed as a number between zero (none) and 1 (all). The lower a window's solar heat gain coefficient, the less solar energy it transmits. The SHGC of a standard double-glazed window is 0.76, meaning 76% of the incident solar energy is transmitted through it. Why are we not using R-value (or its inverse, the U-factor) as a measure of energy efficiency in summer? R-value relates to heat flow due to the inside/outside temperature difference. In summer, solar heat gain is much more significant than heat flow, making SHGC the more important measurement. The SHGC of our products is measured with standard double glazing, which has an SHGC of 0.76. The SHGC of low-e double glazing varies widely, from 0.70 (high gain) to 0.30 (low gain), making product comparisons less meaningful.



UV FILTERING – PROTECTING AGAINST THE “INVISIBLE ENEMY”

Ultraviolet light, entering the building as sunlight, damages furnishings. In time it fades wood floors, furniture, upholstery, draperies, carpeting and artwork. Prolonged exposure to sunlight causes natural, undyed fabrics to turn yellow, weakening their fibers and making them look old and worn prematurely. The right window covering can be very effective in blocking ultraviolet rays. Such effectiveness is measured in terms of a "% UV blockage" rating. The higher the rating, the greater the UV protection. Hunter Douglas window coverings typically will block 86% or more of UV radiation.

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WINDOW COVERINGS

Energy Conservation Comparison Chart

Over 75% of unwanted heat transfer takes place through windows, making energy-efficient window coverings essential for year-round savings.

Product	WINTER R-VALUE		SUMMER SHADING COEFFICIENT		%UV Blockage	Sound Absorption
	Single Glazing	Double Glazing	Single Glazing	Double Glazing		
FR Roller Shades	N/A	2.08	N/A	.33	99	.60
FR Aluminum Horizontal Blinds	1.25	2.32	.49	.43	99	.04
Duette® FR Honeycomb Shades ⅜"	2.04	2.94	.46	.43	95	.60
Duette® FR Honeycomb Shades ¾"	1.60	2.60	.55	.43	99	.05
Country Woods®	N/A	3.94	.29	.29	99	.05
Chalet Woods®	N/A	3.94	.30	.30	N/A	.05
Everwood®	N/A	3.94	N/A	.31	99	.04
Silhouette® FR Window Shadings	1.30	2.40	.56	.35	96	.30
Vertical Aluminum Blinds	1.43	2.40	.31	.29	99	.10
Vertical PVC Blinds	1.5	2.52	.25	.23	98	.10
Vignette® FR Modern Roman Shades	N/A	4.53	.28	.28	98	.30
FR Woven Woods Shades	N/A	4.33	.33	.48	86	.35
FR Pleated Shades	1.39	2.32	.57	.49	95	.40
Skyline™ FR Gliding Window Panels	N/A	3.88	.28	.37	99	.05

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WINDOW COVERINGS



FROM THE GREENGUARD ENVIRONMENTAL INSTITUTE (GEI)

Hunter Douglas, the world leader in innovative, functional, and high-quality window covering products, is committed to providing environmentally responsible products to the contract market. Many of our contract products and solar shading fabrics have been certified by GREENGUARD Environmental Institute (GEI), a non-profit, industry-independent organization that oversees the GREENGUARD Certification ProgramSM.

GREENGUARD Certification ProgramSM is a third-party testing program designed to improve public health and quality of life through programs that significantly improve indoor air quality. Certified Hunter Douglas Contract products and solar shading fabrics are regularly tested to ensure that their chemical emissions meet acceptable indoor air quality guidelines and standards set forth by the GEI.

GREENGUARD Certification is a valuable tool for architects, designers, and product specifiers that wish to locate, specify, and purchase low-emitting products for indoor environments. Hunter Douglas Contract products and solar shading fabrics are GREENGUARD Indoor Air Quality Certified[®] and pass the more stringent requirements GREENGUARD Children and SchoolsSM.

GREENGUARD INDOOR AIR QUALITY CERTIFIED[®]

Certifies low chemical and particle emissions for use indoors, primarily building materials, interior furnishings, furniture, cleaning and maintenance products, electronic equipment, and personal care products.

GREENGUARD CHILDREN AND SCHOOLSSM

Products with this certification meet a higher, more stringent standard. This is because children consume more food, water, and have higher inhalation rates and metabolism per pound of body weight than adults. To account for this sensitivity, a stricter standard was developed. Children & Schools certified products also meet the CHPS performance standard from California's Department of Health Services.

HUNTER DOUGLAS CONTRACT PRODUCTS WITH GREENGUARD CERTIFICATION

Hunter Douglas Contract products are submitted for GREENGUARD Certification on an ongoing basis. For more information on GREENGUARD Certification, and an up-to-date list of GREENGUARD certified Hunter Douglas Contract products visit our website at: www.hunterdouglascontract.com/certification

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WINDOW COVERINGS