Premier XL

Electric projection screen





Specifications

Please check all appropriate selections and attach room schedule with verified dimensions.

Projection screen 110-120V AC, 60 Hz, 1.3 to 1.8 Amp. Motor mounted inside screen roller, 3-wire, instantly reversible, lifetime lubricated, and pre-set accessible limit screws. Equipped with internal thermal overload protector and electric brake. Motor mounted on rubber vibration insulators. Left-hand motor location only.



GREENGUARD

PRODUCT CERTIFIED FOR CONCENTRACIAL EMISSIONS UN 2588

GOLD

Roller constructed of 4" (102mm) dia. metal. Viewing surface is fire retardent and mildew resistant. Each side of surface to have tab-guide cable system to mantain even lateral tension and hold surface flat. Bottom of surface supported and masked by black, extruded aluminum dowel weighted to apply proper vertical tension. Top of surface masked by 12" (30cm) black drop. Matt White XT1000V and Grey XH600V viewing surfaces are certified to GREEN-GUARD standards for low emissions into indoor air during product usage. For more information, visit ul.com/gg.

Bottom of viewing surface attached to weighted dowel. Case is 6%" x 63" (17cm x 17cm), and consists of a curved front and L-shaped back/lop cover fabricated of extruded aluminum, white finish (standard) or black (optional). Three-position control switch stops or reverses screen at any point in the operating cycle. Switch(es) furnished complete with coverplate.

Downloadable 3-part specifications: available at www.draperinc.com

Please note: Dimensions of rollers, operators, and hardware at manufacturer's discretion.



☐ Black (standard)	Select Viewing Surface:			
☐ White (optional)	OptiFlex (Tensioned Screen Surface)	TECVISION* Premium Optical Surface XH700X Grey (0.7 gain) Certified XH800X UST ALR (0.8 gain) Certified XH900X ALR (0.9 gain) Certified MS1000X ALR (1.0 gain) Certified CS1000X ALR (1.0 gain) Certified CS1200X ALR (1.2 gain) Certified		
Select Motor Location:	□ Black Backed Matt White XT1000VB (1.0 gain) (GREENGUARD Gold certified) □ Grey XH600V (0.6 gain) (GREENGUARD Gold Certified) □ Pure White XT1300V (1.3 gain)			
☐ Left end (standard) (fabric rolls off back of roller) ☐ Right end				
Select Optional Accessories:				
Additional Drop	CineFlex (Rear/Dual Projection) CineFlex CH1200V (1.2 gain) CineFlex White XT700V (0.7 gain) Other: ClearSound (Acoustically Transparent) ClearSound Perf XT900V (0.9 gain) Other:	XT1000X White (1.0 gain)		
Please Note: Extra drop increases case and dowel length. Specify at time of order and contact Draper if this dimension is critical.		MS1000X ALR NanoPerf (1.0 gain) Certified XT1000X White NanoPerf (1.0 gain) Certified XT1100X White NanoPerf (1.1 gain) Certified XT1300X White NanoPerf (1.3 gain) Certified XT1600X White NanoPerf (1.6 gain) Certified XT1800X White NanoPerf (1.8 gain) Certified CS1000X ALR NanoPerf (1.0 gain) Certified		



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PROJECT:	
ARCHITECT:	
CONTRACTOR:	
SUPPLIER:	
DATE:	REVISED:

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Select Motor and Controls:

Standard Voltage Motor and Control Options:

☐ 110-120V AC (standard)

Please Note: This motor comes with one 110V-120V AC 3-position wall switch (silver wall plate with black rocker).

- ☐ Substitute white switch(es) for silver wall plate with black rocker
- □ Optional Key Operated Switch
 - Power Supply Key Switch (on-off)
 - ☐ 3-Position Key Control
 - 3-Position Switch with Hinged Key-Locking Coverplate

Low-Voltage Control Options:

- ☐ Built-in LVC-IV (Low-Voltage Control Module)
- ☐ External LVC-IV (Low-Voltage Control Module)
- Motor with Internal Low-Voltage Controller

Please Note: Select Control Options for Low-Voltage from below.

- ☐ 24 Volt 3-Button Switch Number of 24V switches: _____
- ☐ Radio Frequency Remote Control (only with 24V)
- ☐ Infrared Remote Control (only with 24V)
- Optional Key Operated Switch
 - ☐ Power Supply Key Switch (on-off)
 - 3-Position Switch with Hinged Key-Locking Coverplate

Extra drop will increase case and dowel length. Specify at time of order and contact Draper if this dimension is critical.

Dimensions and Data

16:10 Format

Nominal Diagonal	Image Area	Case Length ¹	Dowel Length	Net Wt. (lbs.)	Qty.
189"	100" x 160"	183 1/8"	174 ¾"	200	
198"	105" x 168"	191 %"	183 ¾"	225	
226"	120" x 192"	217 ¼"	208 %"	254	

HDTV Format (16:9)

Nominal Diagonal	Image Area	Case Length ¹	Dowel Length	Net Wt. (lbs.)	Qty.
184"	90" x 160"	183 1/8"	174 ¾"	200	
193"	94 ½" x 168"	191 1/8"	182 ¾"	226	
220"	108" x 192"	215 %"	206 %"	256	

NTSC Video Format (4:3)

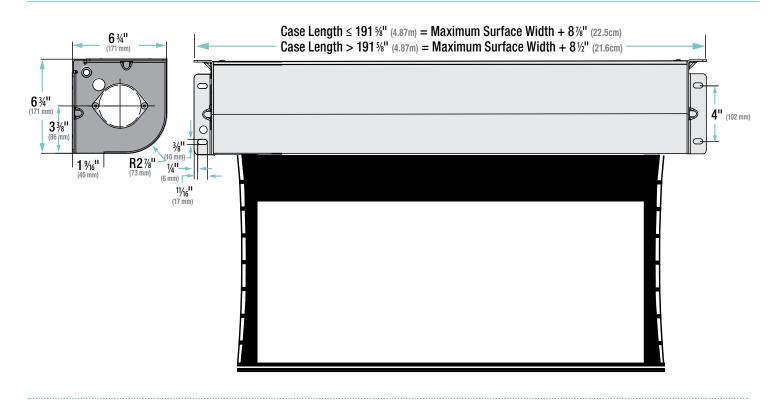
Nominal Diagonal	Image Area	Case Length ¹	Dowel Length	Net Wt. (lbs.)	Qty.
200"	118" x 158"	183 ¼"	174 %"	200	
210"	126" x 168"	193 ¼"	184 %"	234	
220"	132" x 176"	201 ¼"	192 %"	251	
230"	138" x 184"	211"	2023/8"	260	
20'	144" x 192"	219"	210 %"	265	

Audio Visual Format

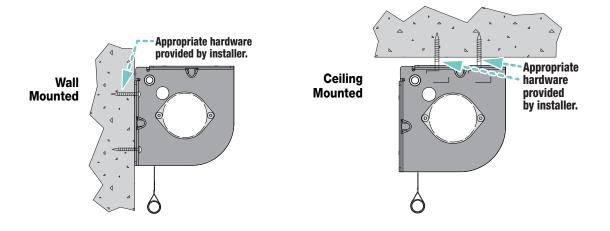
Size (H x W)	Case Length ¹	Dowel Length	Net Wt. (lbs.)	Qty.
14' x 14'	199 1/8"	190 ¾"	250	
12' x 16'	219"	210 %"	265	

Custom Size

Case Dimensions and Methods of Installation



Methods of Installation

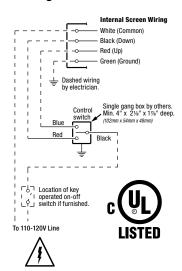


Wiring Diagrams

Please Note: Do not wire motors in parallel.

Standard Motors

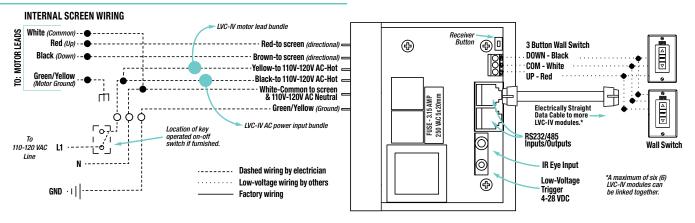
Single Station Control



110-120V Motor with Internal Low-Voltage Controller

Single Station Control Multiple Station Control Internal Screen Wiring Internal Screen Wiring White (Neutral) White (Neutral) Black Black Green/Yellow (Ground) Green/Yellow (Ground) Data Cable Dashed wiring Dashed wiring by electrician by electrician. **Data Cables** RJ-9 connector Wall Switch, RF or IR Receiver, or integrated control system. Wall Switch. RF or IR Receiver, or integrated To 110-120V Line control system. To 110-120V Line

External LVC-IV - Single or Multiple Projection Screen Wiring Diagram



Plug & Play 110-120V Motor (Low-Voltage Control Built Into Motor)

