

Access/Series V

Ceiling recess case now. Install screen/roller assembly later at job site

by **DRAPER**

Specifications—Access/Series V

Projection screens, size _____ h. x _____ w., recessed ceiling mounting. Case back, top, and front constructed of steel. Endcaps are steel. Bottom panel forms slot for passage of viewing surface, easily removable for access. Symmetrical housing to allow for left or right-hand motor location, and for viewing surface to unroll from the back or front of the roller. Case to include bottom flange for trim around edges of ceiling opening. Case may be mounted with $\frac{3}{8}$ " threaded rod, with lag screws through brackets, or with wire in a grid ceiling. Mounting brackets slide in 18" long channels on top of case, allowing brackets to be moved to avoid interference with conflicting building structures. Brackets may be locked in position by tightening screws. Brackets may also be angled to meet installation requirements.



Roller/fabric assembly may be installed in case at factory or job site. Brackets supporting roller/fabric assembly to slide in track inside top of case, allowing viewing surface to be centered in case regardless of screen size. Roller of 3" dia. steel. Top of HDTV and 16:9 format viewing surfaces through 110" diagonal masked by 12" black drop. Viewing surface flame and mildew resistant. Matt White XT1000V and Contrast Grey XH800V viewing surfaces are certified to GREENGUARD standards for low chemical emissions into indoor air during product usage.

For more information, visit ul.com/gg.

PLEASE MARK APPROPRIATE SELECTIONS

Select Shipping Option:

- ☐ Case Now, Screen Assembly Later ¹
☐ Complete Unit Now

Select Case Color:

- ☐ White (standard)
☐ Black (optional)

Select Viewing Surface:

- ☐ Matt White XT1000V (1.0 gain): GREENGUARD Gold certified
☐ Grey XH600V (0.6 gain) (Thru 9' x 12'): GREENGUARD Gold certified
☐ Pearl White MH1500V (1.5 gain) (Thru 9' x 12'): Optional
☐ Pure White XT1300V (1.3 gain): Optional
☐ Rear Projection Surface: Optional
☐ Other _____

Select Motor and Controls:

Standard Voltage Motor and Control Options:

- ☐ 110-120V AC (standard)
☐ Optional Quiet Motor ²

Please Note: These motors come with one 110V-120V AC 3-position wall switch (silver wall plate with black rocker).

- Total number of 110-120V AC switches (operate independently)
☐ 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 Motor and Control Options:

- ☐ Built-In LVC-IV Low Voltage Control Module
☐ Optional External LVC-IV Low Voltage Control Module
☐ Optional Motor with Internal Low Voltage Controller ¹
☐ Optional Quiet Motor with Internal Low Voltage Controller ^{1,3}

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

Select Motor Location:

- ☐ Left end (standard)
☐ Right end

Optional Accessories:

- ☐ Additional set of mounting brackets for alternate mounting (see page 2)
☐ Additional Drop _____ (Beyond standard 12") ⁵
Total Drop _____ (Standard 12" + Additional drop) (Total screen height cannot exceed 12")
☐ Black (standard)
☐ Same color as viewing surface

Electrically operated 110-120V AC, 60 Hz. 4-wire motor mounted inside screen roller, 1.1 amp current draw, instantly reversible, lifetime lubricated, with internal thermal overload protector and electric brake, standard motor with preset accessible switches. Optional Quiet Motor operates at 44 Db (motor noise is approximately 30% less than standard tubular motors). Housing to feature internal junction box, allowing it to be installed and wired to building supply wires at an early stage of construction. Junction box to have plug-in style connector, accepting the mating half of the connector from the motorized roller/fabric assembly. 3-position control switch (or switches—specify number) to stop or reverse screen at any point. Switch(es) furnished with cover plate. Patented by Draper, Inc. (U.S. Patent Nos. 6,137,629; 6,421,175; 6,532,109; 6,816,308; 7,559,707.)

Entire unit certified by Underwriters' Laboratories for the U.S. and Canada. Plenum rated case (UL approved "Suitable for Use in Environmental Air Space").
Downloadable 3-part specifications are available at www.draperinc.com.
Specifications subject to change without notice.

Dimensions & Data

Size H x W	Case Length ⁵	Dowel Length	Net Wt. (lbs.)	Qty.	
Audio Visual Format					
96" x 96"	123"	110 ³ / ₈ "	95		
7' x 9'	136"	120 ⁷ / ₈ "	95		
9' x 9'	136"	122 ⁷ / ₈ "	99		
8' x 10'	147"	134 ³ / ₈ "	131		
10' x 10'	150"	136 ⁵ / ₈ "	109		
9' x 12'	172"	158 ⁷ / ₈ "	110		
12' x 12'	175"	162 ³ / ₈ "	121		
10' 6" x 14'	198"	184 ¹ / ₂ "	235		
14' x 14'	206"	190 ³ / ₈ "	247		
12' x 16'	223"	210 ¹ / ₄ "	264		
Nominal Diagonal	Image Area	Case Length ⁵	Dowel Length	Net Wt. (lbs.)	Qty.
NTSC Video Format (4:3)					
150"	87" x 116"	143"	130 ³ / ₈ "	104	
15'	108" x 144"	172"	158 ⁷ / ₈ "	110	
200"	118" x 158"	188"	174 ³ / ₈ "	135	
210"	126" x 168"	198"	184 ¹ / ₂ "	235	
220"	132" x 176"	206"	192 ¹ / ₂ "	244	
240"	144" x 192"	223"	210 ¹ / ₄ "	264	
HDTV Format (16:9)					
133"	65" x 116"	143"	127 ⁷ / ₈ "	89	
161"	79" x 140"	168"	152 ⁷ / ₈ "	110	
184"	90" x 160"	187"	174 ³ / ₈ "	135	
193"	94 ¹ / ₂ " x 168"	195"	182 ³ / ₈ "	235	
220"	108" x 192"	223"	206 ⁷ / ₈ "	244	
16:10 Format					
137"	72 ¹ / ₂ " x 116"	143"	125 ⁷ / ₈ "	89	
165"	87 ¹ / ₂ " x 140"	168"	154 ³ / ₈ "	106	
189"	100" x 160"	187"	174 ³ / ₈ "	153	
198"	105" x 168"	196"	182 ⁷ / ₈ "	230	
226"	120" x 192"	223"	208 ¹ / ₂ "	260	

Custom Size

¹ Please note: When ordering a motor with built-in Low Voltage Controller, if the case ships separate from the "guts," the case includes the 25' cable and special low voltage switch.

^{2,3} For size limitation charts for Quiet Motors and Quiet Motors with Built-In Low-Voltage Controller, see below.

⁴ Factory-installed VIC will not increase overall case lengths shown at right.

⁵ Extra drop increases case and dowel length. Specify at time of order and contact Draper if this dimension is critical. Case sizes include 1" flange on each end of case. Subtract 1 $\frac{1}{2}$ " for rough ceiling cutout size.

² Quiet Motor Size Limitations				
AV	NTSC	HDTV	16:10	
108" x 144"	180"	161"	165"	

³ Quiet Motor with Low Voltage Controller Size Limitations				
AV	NTSC	HDTV	16:10	
96" x 96"	11'	119"	123"	

Also available in 1.85:1, 2.35:1 and 15:9 Formats. Contact Draper.

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

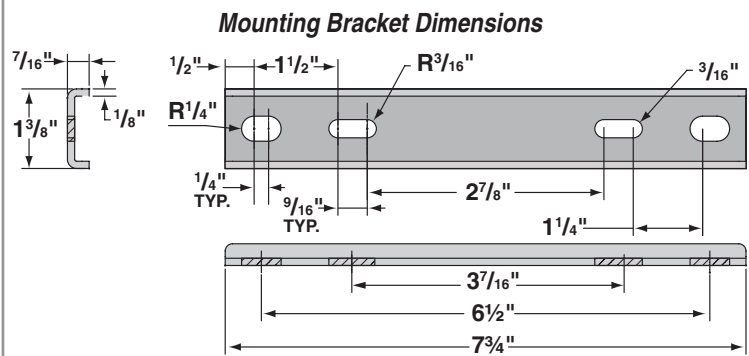
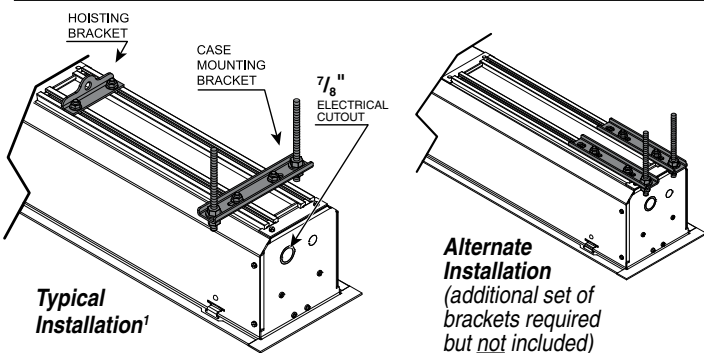
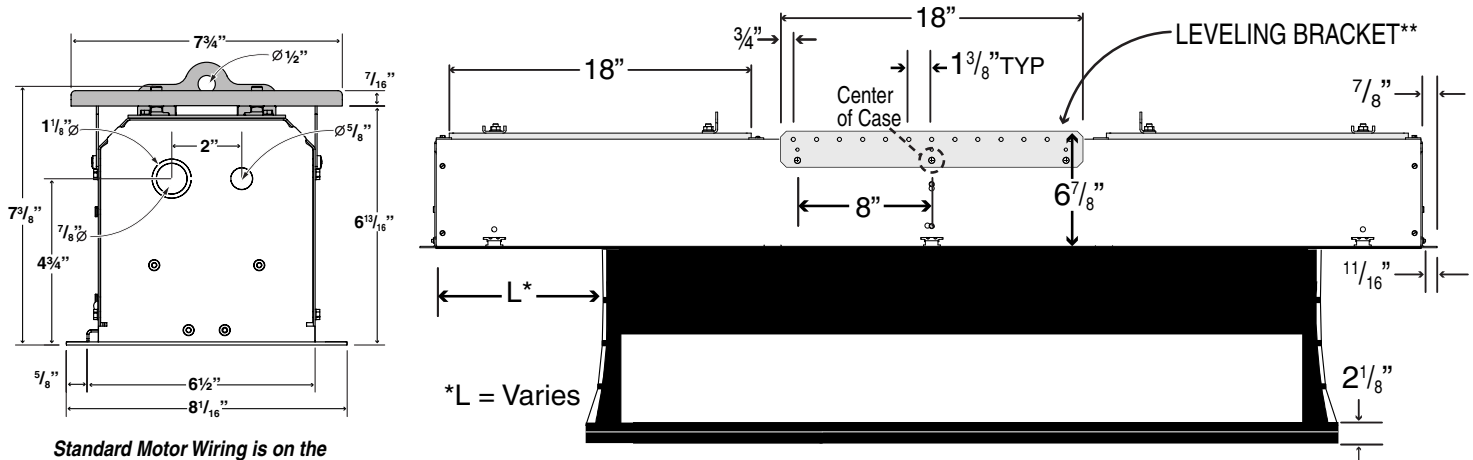
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CASE DIMENSIONS AND METHODS OF INSTALLATION



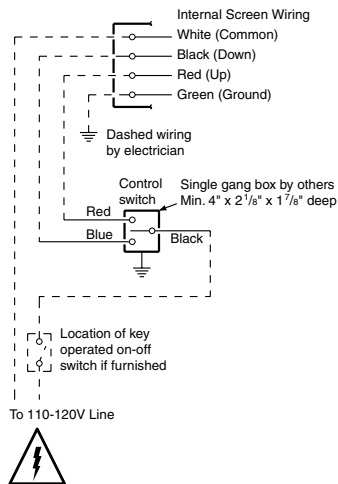
Standard Motor Wiring is on the AUDIENCE LEFT END of Access Case.

¹With typical installation, brackets may be angled to meet installation requirements.

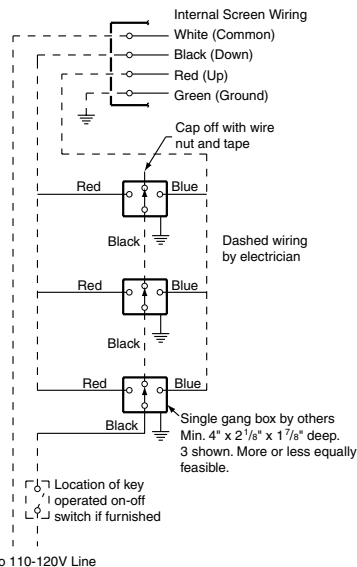
WIRING DIAGRAMS²

110-120V Motor and Quiet Motor

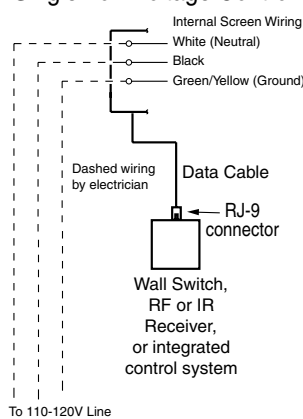
Single Station Control



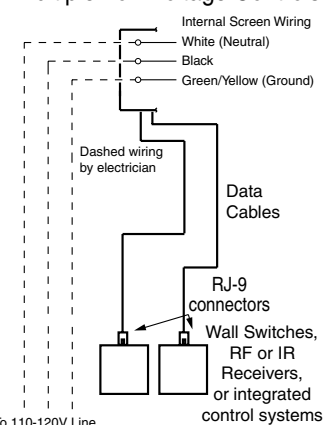
Multiple Station Control

110-120V Motor and Quiet Motor
(Internal Low Voltage Controller)

Single Low Voltage Control



Multiple Low Voltage Controls



² For more information and wiring diagrams for serial and network communication, please see wiring diagrams supplied with individual items.

Please Note:

For external low voltage (LVC-IV), serial (LVC-IV) and network (LVC-IV) wiring diagrams, please consult instructions for those modules.

PROJECT: _____

SUPPLIER: _____

DATE: _____ REVISED: _____