



# HORIZON ELECTROL®

Automatic Electric Projection Screen Model

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## SPECIFICATION DATA

**SUGGESTED SPECIFICATIONS:** \_\_\_\_\_ projection screen(s), \_\_\_\_\_ (H) x \_\_\_\_\_ (W), electrically operated 120 volt (60 Hz) not more than 2.4 amp. Shall have two specially designed motors mounted inside two rollers, to be three wire with ground quick reversal type, oiled for life, with automatic thermal overload cutout, integral gears, capacitor, embedded microprocessor control and an electric brake to prevent coasting. To have preset but adjustable limit switches to automatically stop the picture surfaces in the "up" and "down" positions. Shall have electronic controller to adjust to three intermediate positions. The rollers to be of rigid metal. Screen fabric to be flame-retardant and mildew resistant fiberglass with black masking borders standard. To have masking fabric to convert the screen to different aspect ratios. Bottom of fabric to be formed into a pocket holding a metal rod. The ends of the rod shall be protected by heavy-duty plastic caps. Bottom of the masking fabric shall be sewn into a pocket holding a metal rod. Case to be of wood and be finished with a black primer coat, ready to accept final finish by others. To be complete with a wall keypad and dual infrared/radio frequency remote transmitter. Screen to be listed by Underwriters' Laboratories.



**Matte White:** Seamless in all standard sizes.

**Video Spectra 1.5, High Contrast Matte White and High Power®:** Available in sizes where both dimensions do not exceed 8'.

### NTSC (1.33:1) NATIVE ASPECT RATIO DIMENSIONS

Viewing Area H x W								*Overall Length of Case		Approx. Ship. Wt.	
NTSC (1.33)		HDTV (1.78)		Letterbox (1.85)		Cinemascope (2.35)					
In.	Cm	In.	Cm	In.	Cm	In.	Cm	In.	Cm.	Lbs.	Kg.
43" x 57"	109 x 145	32" x 57"	81 x 145	31" x 57"	79 x 145	24" x 57"	61 x 145	74½"	189	85	38.6
50" x 67"	127 x 170	38" x 67"	97 x 170	36" x 67"	91 x 170	29" x 67"	74 x 170	84½"	215	98	44.5
60" x 80"	152 x 203	45" x 80"	114 x 203	43" x 80"	109 x 203	34" x 80"	86 x 203	97½"	248	117	53.1
69" x 92"	175 x 234	52" x 92"	132 x 234	50" x 92"	127 x 234	39" x 92"	99 x 234	109½"	278	133	60.3
87" x 116"	221 x 295	65" x 116"	165 x 295	63" x 116"	160 x 295	49½" x 116"	126 x 295	133½"	339	172	78.0
105" x 140"	267 x 356	79" x 140"	199 x 356	76" x 140"	192 x 356	59½" x 140"	151 x 356	157½"	400	193	87.5

### HDTV (1.78:1) NATIVE ASPECT RATIO DIMENSIONS

Viewing Area H x W						*Overall Length of Case		Approx. Ship. Wt.	
HDTV (1.78)		Letterbox (1.85)		Cinemascope (2.35)					
In.	Cm	In.	Cm	In.	Cm	In.	Cm.	Lbs.	Kg.
32" x 57"	81 x 145	31" x 57"	79 x 145	24" x 57"	61 x 145	74½"	189	85	38.6
38" x 67"	97 x 170	36" x 67"	91 x 170	29" x 67"	74 x 170	84½"	215	98	44.5
45" x 80"	114 x 203	43" x 80"	109 x 203	34" x 80"	86 x 203	97½"	248	117	53.1
52" x 92"	132 x 234	50" x 92"	127 x 234	39" x 92"	99 x 234	109½"	278	133	60.3
65" x 116"	165 x 295	63" x 116"	160 x 295	49½" x 116"	126 x 295	133½"	339	172	78.0
79" x 140"	199 x 356	76" x 140"	192 x 356	59½" x 140"	151 x 356	157½"	400	193	87.5

\*Add 3" to overall length of case for mounting brackets.  
 Overall case length dimensions ±¼" (6mm).  
 Detail dimensional drawings, wiring diagrams and installation instructions available upon request.  
 Specifications subject to change without notice.  
 Custom formats and sizes are available upon request.  
 All sizes come standard with 2" total black drop at top.

### WHEN ORDERING MARK APPROPRIATE SELECTIONS:

Select size from chart above.

#### Viewing surface:

- Matte White 
 Video Spectra 1.5   
 High Contrast Matte White 
 High Power®   
 GREENGUARD® and GREENGUARD® Children and Schools Certified.

#### Options:

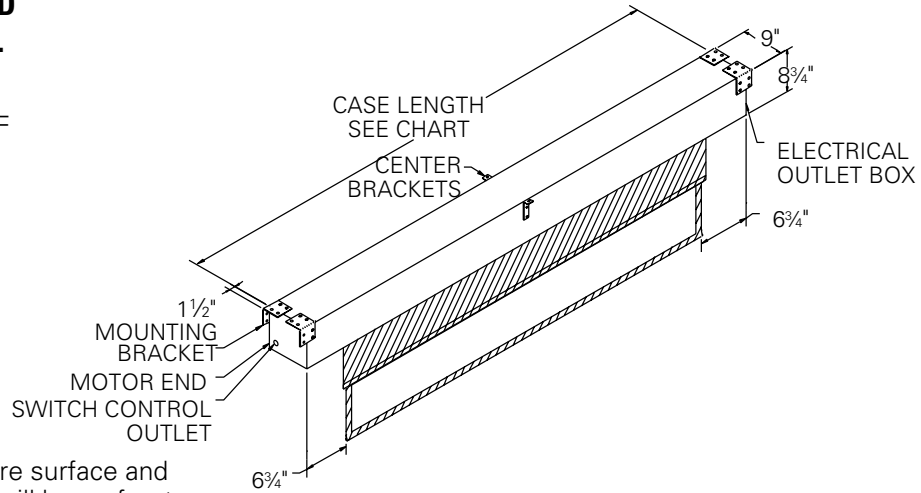
- Extra Drop available to lower picture area more than normal. Specify total drop at top \_\_\_\_\_ (black or white) or at bottom \_\_\_\_\_ (black or white). 11' maximum total surface height including picture area.  
 220 Volt (50 Hz) Motor.  
 Radio Frequency Range Extender.  
 White box (black standard).  
 Silent Motor (available on sizes up to 10' x 10').

Project:	_____
Architect:	_____
Phone:	_____
Contractor:	_____
Phone:	_____
Supervisor:	_____
Phone:	_____
Supplier:	_____
Date:	_____
Revised:	_____

# HORIZON ELECTROL® SUGGESTED METHODS OF INSTALLATION

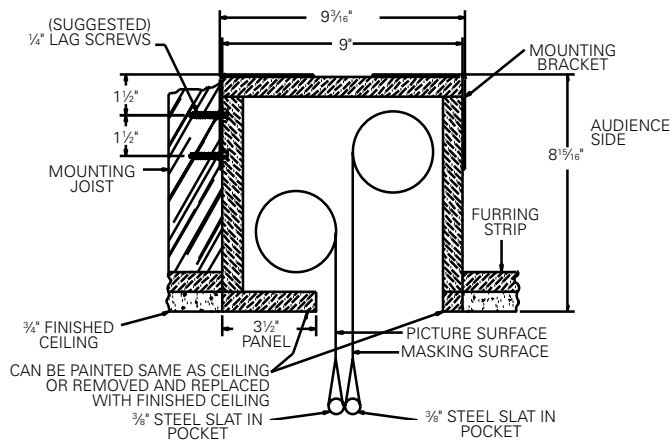
## SELECT INSTALLATION METHOD ACCORDING TO CEILING TYPE.

**NOTE:**  
MUST MARK HOLE LOCATION OF  
SCREWS IN 3½" PANEL FOR  
REMOVAL, IF COVERING WITH  
TILE.



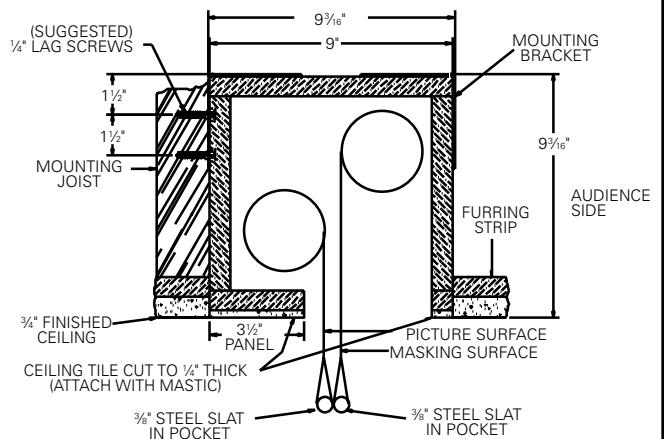
**NOTE:** Drawings below show picture surface and mask in the down position. Mask will be on front side of roller when retracted.

### METHOD A



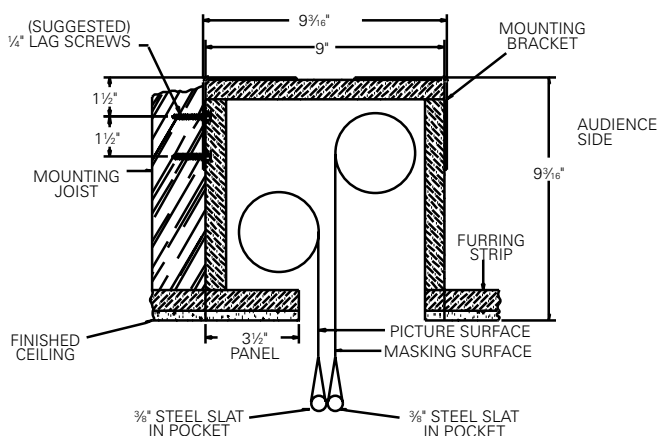
Offset mounting, recessed above ceiling. For plaster, dry wall, tile or paneling. Bottom of case painted same finish as ceiling.

### METHOD B



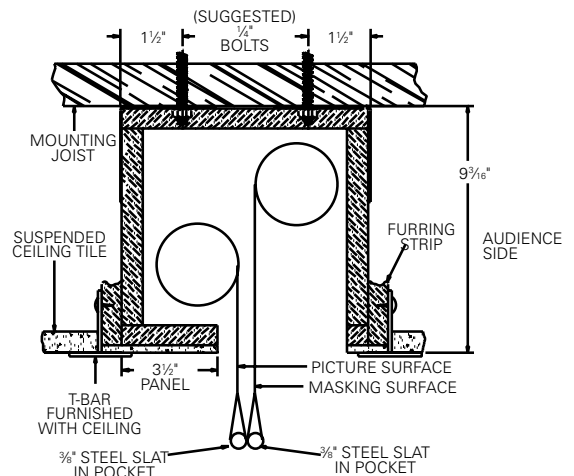
Offset mounting, recessed above ceiling. May be adapted for ¾" ceiling, but cut to ¼" thick under screen case and panel.

### METHOD C



Offset mounting, recessed above ceiling. May be adapted for ¼" paneling for ceiling.

### METHOD D



Flush mounting, recessed above ceiling. For use with dropped ceiling. May also be adapted for use with acoustical or other ceiling ¾" thick but cut to ¼" thick under screen case and panel.