



HORIZON ELECTROL®

Automatic Electric Projection Screen Model

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SPECIFICATION DATA

SUGGESTED SPECIFICATIONS: _____ projection screens, _____ (H) x _____ (W), electrically operated 120 volt (60 Hz) 2.4 amp. Shall have two specially designed motors mounted inside two rollers, to be 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, down and three intermediate positions. The fabric roller and masking roller to be of aluminum 3-3/16" in diameter. Screen fabric to be flame-retardant and mildew resistant fiberglass with Matte White, High Contrast Matte White, Video Spectra® 1.5 or High Power surface with black masking borders standard. To have masking fabric to convert the screen to different video formats. Bottom of fabric to be formed into a pocket holding a 3/8" diameter metal rod. The ends of the rod shall be protected by heavy-duty plastic caps. Bottom of the masking fabric shall be formed into a pocket holding a flat aluminum bar. Case to be of wood and be finished with a primer coat, ready to accept final finish by others. To be complete with a six-button switch with a cover plate. Screen to be listed by Underwriters' Laboratories.



Matte White: Seamless in all standard sizes.

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

High Power: Horizontal seams required when both dimensions exceed 6 feet.

DIMENSIONS

Viewing Area H x W								Overall Length of Case		Overall Shipping Dimensions		Approx. Shipping Weight	
NTSC (1.33)		HDTV (1.78)		Letterbox (1.85)		Anamorphic (2.35)		In.	Cm.	In.	Cm.	Lbs.	Kg.
In.	Cm	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	74.5	189	11-1/2 x 11-3/4 x 84	29 x 30 x 213	85	39
50 x 67	127 x 170	38 x 67	97 x 170	36 x 67	91 x 170	29 x 67	74 x 170	84.5	215	11-1/2 x 11-3/4 x 94	29 x 30 x 239	98	45
60 x 80	152 x 203	45 x 80	114 x 203	43 x 80	109 x 203	34 x 80	86 x 203	97.5	248	11-1/2 x 11-3/4 x 107	29 x 30 x 272	117	53
69 x 92	175 x 234	52 x 92	132 x 234	50 x 92	127 x 234	39 x 92	99 x 234	109.5	278	11-1/2 x 11-3/4 x 119	29 x 30 x 302	133	60
87 x 116	221 x 295	65 x 116	165 x 295	63 x 116	160 x 295	49.5 x 116	126 x 295	133.5	339	11-1/2 x 11-3/4 x 143	29 x 30 x 363	172	78
105 x 140	267 x 356	78.5 x 140	199 x 356	75.5 x 140	192 x 356	59.5 x 140	151 x 356	157.5	400	11-1/2 x 11-3/4 x 167	29 x 30 x 424	193	88

NOTE: ALL SCREEN SIZES LISTED ARE VIEWING AREAS.

***NOTE:** Add 3" to overall length of case for mounting brackets.

Overall case length dimensions ± 1/4".

Detail dimensional drawings, wiring diagrams and installation instructions available upon request.

Specifications subject to change without notice.

WHEN ORDERING MAKE APPROPRIATE SELECTIONS:

Select size from chart above.

Viewing surface:

- Matte White Video Spectra® 1.5 High Power
- High Contrast Matte White

Options:

- Black "Extra Drop" to lower picture area more than normal. Maximum total drop is 11' including picture area.
- 220 Volt (50 Hz) Motor.
- Infrared Wireless Remote Control.
- Radio Frequency Wireless Remote Control.

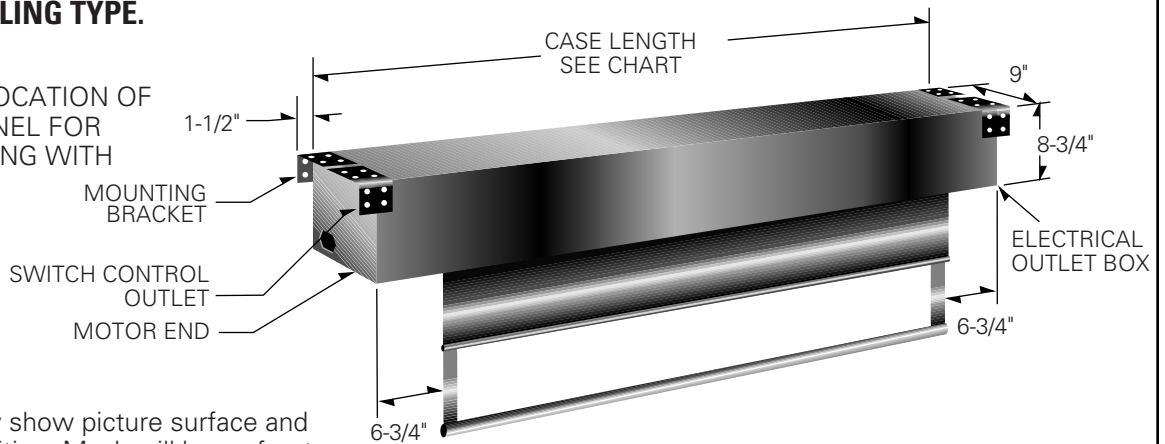
Project:	_____

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

HORIZON ELECTROL® SUGGESTED METHODS OF INSTALLATION

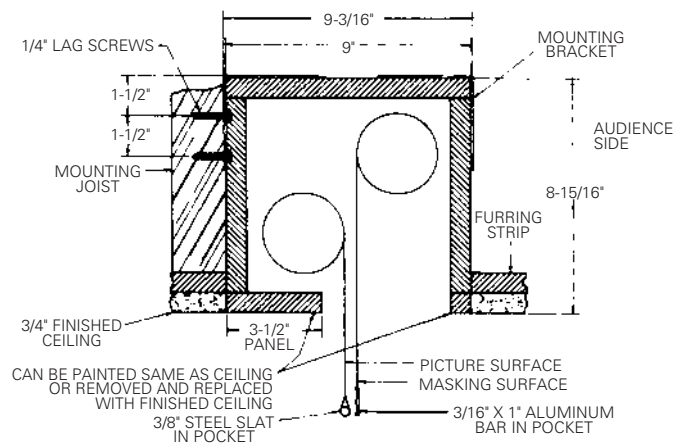
SELECT INSTALLATION METHOD ACCORDING TO CEILING TYPE.

NOTE:
MUST MARK HOLE LOCATION OF
SCREWS IN 3-1/2" PANEL FOR
REMOVAL, IF COVERING WITH
TILE.



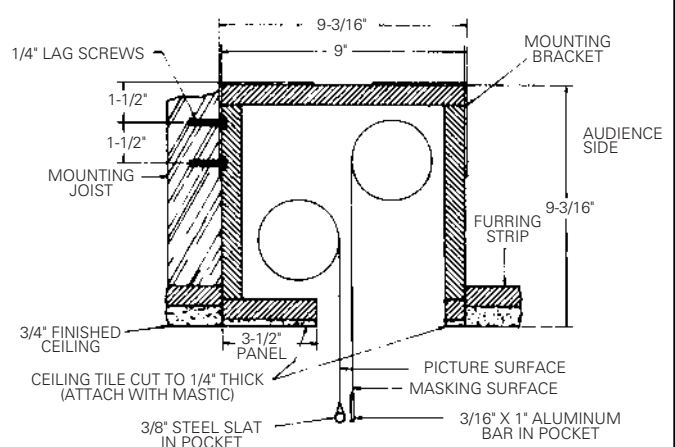
NOTE: Drawings below show picture surface and mask in the down position. Mask will be on front side of roller when retracted.

METHOD A



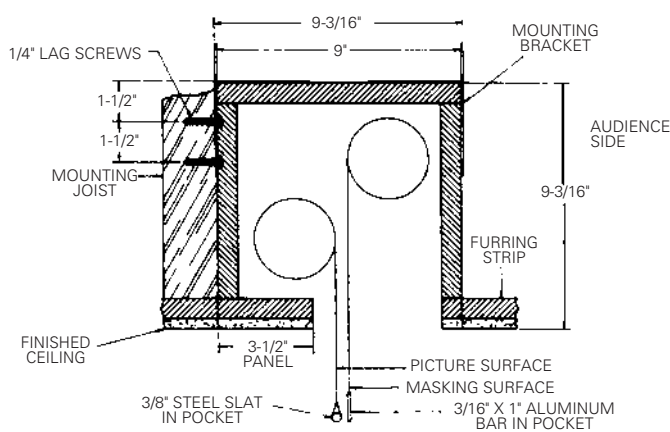
Offset mounting, recessed above ceiling. For plaster, dry wall, tile or paneling. Bottom of case painted same finish as ceiling.

METHOD B



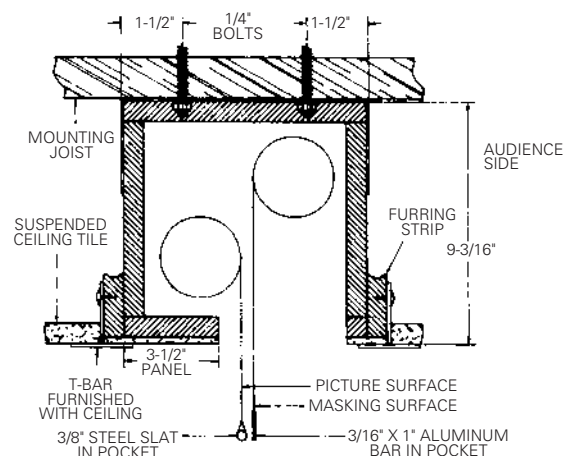
Offset mounting, recessed above ceiling. May be adapted for 3/4" ceiling, but cut to 1/4" thick under screen case and panel.

METHOD C



Offset mounting, recessed above ceiling. May be adapted for 1/4" 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 3/4" thick but cut to 1/4" thick under screen case and panel.