

ABT Horizontal Trapdoor ElectriMask

ABT-EM Horizontal ElectriScreen ElectriMask is designed to provide the flexibility of a multiple aspect ratio ElectriMask system with a roll-up screen



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TRAP DOOR SYSTEMS

Stewart Filmscreen's trap door systems feature a motorized aluminum trap door which closes when screen is not in use. For flush mount installations, the system also features a builder-friendly hidden alignment ring around the box perimeter.

SEAMLESS LARGE SCREENS

Like all Stewart Filmscreen products, the ABT-EM Horizontal ElectriScreen ElectriMasks are engineered with totally seamless screen materials (this includes masking borders). To prevent edge-curl and insure a flat image, Stewart utilizes our exclusive Tab-Guy Tensioning system.

HIDDEN FROM VIEW

Stewart's motorized roller system provides a quiet, reliable screen operation. The screen retracts into an obscure trap door that mounts flush with the ceiling surface and can be painted to blend perfectly, efficiently hiding its existence.

VIEW FLEXIBILITY

Stewart Filmscreen's ABT-EM Horizontal ElectriScreen ElectriMask is designed to provide the flexibility of a multiple aspect ratio ElectriMask system with a roll-up screen. Aspect ratios from standard NTSC 1.33:1 up to Cinemascope 2.35:1 can be achieved.

Dimensions represented in inches (") and millimeters (mm). Weights represented in pounds (lbs.) and kilograms (kg).

1.33:1 Aspect Ratio

Model	NTSC 4:3/1.33:1 Image	Attainable Screen Size	Case Length	Screen Weight
ABTEMH084	50" x 67" (1270mm) x (1702mm)	Table 1:Row 1	92 (2337)	100 lbs. (45)
ABTEMH090	54" x 72" (1372mm) x (1829mm)	Table 1:Row 2	97 (2464)	110 lbs. (49.9)
ABTEMH100	60" x 80" (1524mm) x (2032mm)	Table 1:Row 3	105 (2667)	120 lbs. (54.4)
ABTEMH110	66" x 88" (1676mm) x (2235mm)	Table 1:Row 4	114 (2896)	135 lbs. (61.2)
ABTEMH120	72" x 96" (1829mm) x (2438mm)	Table 1:Row 5	122 (3099)	150 lbs. (68)

Table 1: Attainable Aspect Ratios

Row	NTSC		HDTV		Widescreen		Cinemascope	
	Diagonal	4:3/1.33:1 Image	Diagonal	16:9/1.78:1 Image	Diagonal	1.85:1 Image	Diagonal	2.35:1 Image
1	84 (2134)	50 x 67 (1270) x (1702)	78 (1981)	37.75 x 67 (959) x (1702)	76 (1930)	36.25 x 67 (921) x (1702)	73 (1854)	28.5 x 67 (724) x (1702)
2	90 (2286)	54 x 72 (1372) x (1829)	83 (2108)	40.5 x 72 (1029) x (1829)	82 (2083)	39 x 72 (991) x (1829)	78 (1981)	30.75 x 72 (781) x (1829)
3	100 (2540)	60 x 80 (1524) x (2032)	92 (2337)	45 x 80 (1143) x (2032)	91 (2311)	43.25 x 80 (1099) x (2032)	87 (2210)	34 x 80 (864) x (2032)
4	110 (2794)	66 x 88 (1676) x (2235)	101 (2656)	49.5 x 88 (1257) x (2235)	100 (2540)	47.5 x 88 (1207) x (2235)	96 (2438)	37.5 x 88 (953) x (2235)
5	120 (3048)	72 x 96 (1829) x (2438)	110 (2794)	54 x 96 (1372) x (2438)	109 (2769)	52 x 96 (1321) x (2438)	104 (2642)	40.75 x 96 (1035) x (2438)



RESIDENTIAL

SPECIFICATIONS

Case material	Aluminum extrusion
Case colors	White
Batten colors	Black, white

STANDARD FEATURES

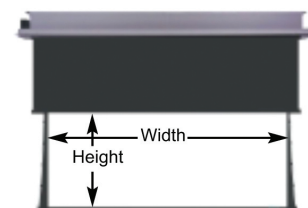
- Tab-Guy™ tensioning system
- Seamless screen materials
- Sonic insulated screen drive
- Screen motor:
 - 120 Volt = 38 rpm, 1 amp
 - 220 Volt = 32 rpm, 1 amp
- Horizontal masking:
 - 120 Volt = 14 rpm, 1 amp
 - 220 Volt = 12 rpm, 1 amp

CONTROL SYSTEMS : SCREEN & MASKING

Screen trigger interface	Included
Low voltage control	Optional
High voltage wall switch	Optional
Wireless remote control	Optional
Infrared remote control	Optional

MOUNTING HARDWARE

Ceiling mount	Included
Wall mount/brackets	Optional



Size height and width depends on model chosen. Custom sizes available with no extra charge.

Formats	Min-Max Height	Min-Max Width
Video format	50" - 72"	67" - 96"
HDTV	37.75" - 54"	67" - 96"
Widescreen	36.25" - 52"	67" - 96"