

MANUAL SERIES

Section 1: Screen Design

1.1 What is it for?

Manually operated (non-motorized) retractable front projection screen that can be either wall or ceiling mounted. The Manual Screen is for commercial or residential front projection presentations.

1.2 How does it work?

The manual screen utilizes a spring loaded auto-locking system for variable height adjustments. Pulling the lanyard or center handle brings down the screen material to the desired height. Gently stopping on the downward pull and guiding the material as it rises a few inches into its locked position. A gentle pull on the center handle or lanyard will cause the locking mechanism to disengage allowing the spring loaded retraction mechanism to draw the screen back up into the casing.

Section 2: Product Features

2.1 Characteristics

Screen Material

- MaxWhite™ screen material is durable and easy to clean
- 180° wide viewing angle for commercial presentations or residential home cinema
- 4K Ultra HD, Active 3D, and HDR Ready
- Standard 4-side black masking borders
- Black backed screen material eliminates light penetration for superior color reproduction
- Available in the following range of diagonal sizes:
 - 85" - 170" in 1:1 format
 - 80" - 150" in 4:3 format
 - 80" - 150" in 16:9 format
 - 94" - 139" in 16:10 format

Design and Installation

- Dual wall and ceiling installation design
- Auto-locking system provides variable height settings in any position
- Screen lanyard for easy operation included - allows screen's pull down handle to be reached from high areas
- Includes wood screws and drywall anchors
- Optional 6" and 12" L brackets available

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Quality and Reliability

- 2-year Parts & Labor manufacturer's warranty
- 3-year warranty offered through ENR-G program (Education, Non-Profit, Religious and Government)
- GREENGUARD® and GREENGUARD® Gold Certified | UL 2818

2.2 Certifications



3.3 Model Numbers

Model Numbers	Nominal Diagonal	Aspect Ratio	View Height (in)	View Width (in)	View Height (mm)	View Width (mm)	Top Masking	Gain	Screen Material	Case Color
M71UWS1	71"	1:1	50.2	50.2	1275	1275	4.5	1.1	MaxWhite™	Black
M71XWS1	71"	1:1	50.2	50.2	1275	1275	4.5	1.1	MaxWhite™	White
M85UWS1	85"	1:1	60.1	60.1	1527	1527	4.5	1.1	MaxWhite™	Black
M85XWS1	85"	1:1	60.1	60.1	1527	1527	4.5	1.1	MaxWhite™	White
M99UWS1	99"	1:1	70.0	70.0	1778	1778	3.0	1.1	MaxWhite™	White
M99NWS1	99"	1:1	70.0	70.0	1778	1778	3.0	1.1	MaxWhite™	Black
M113UWS1	113"	1:1	79.9	79.9	2030	2030	4.5	1.1	MaxWhite™	White
M113NWS1	113"	1:1	79.9	79.9	2030	2030	4.5	1.1	MaxWhite™	Black
M119UWS1	119"	1:1	84.1	84.1	2137	2137	4.0	1.1	MaxWhite™	Black
M119XWS1	119"	1:1	84.1	84.1	2137	2137	4.0	1.1	MaxWhite™	White
M136UWS1	136"	1:1	96.2	96.2	2443	2443	4.5	1.1	MaxWhite™	Black
M136XWS1	136"	1:1	96.2	96.2	2443	2443	4.5	1.1	MaxWhite™	White
M170XWS1	170"	1:1	120.2	120.2	3053	3053	4.5	1.1	MaxWhite™	White
M80NWV	80"	4:3	48.0	64.0	1219	1626	4.5	1.1	MaxWhite™	White
M84NWV	84"	4:3	50.4	67.2	1280	1707	3.0	1.1	MaxWhite™	White
M100NWV1	100"	4:3	60.0	80.0	1524	2032	4.5	1.1	MaxWhite™	White
M100UWV1	100"	4:3	60.0	80.0	1524	2032	4.5	1.1	MaxWhite™	Black
M120XWV2	120"	4:3	72.0	96.0	1829	2438	4.5	1.1	MaxWhite™	Black
M120UWV2	120"	4:3	72.0	96.0	1829	2438	4.5	1.1	MaxWhite™	White
M135XWV2	135"	4:3	81.0	108.0	2057	2743	4.5	1.1	MaxWhite™	Black

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M135UWV2	135"	4:3	81.0	108.0	2057	2743	4.5	1.1	MaxWhite™	White
M150XWV2	150"	4:3	90.0	120.0	2286	3048	4.5	1.1	MaxWhite™	Black
M150UWV2	150"	4:3	90.0	120.0	2286	3048	4.5	1.1	MaxWhite™	White
M80UWH	80"	16:9	39.2	69.7	996	1771	4.5	1.1	MaxWhite™	Black
M84UWH	84"	16:9	41.2	73.2	1046	1860	4.5	1.1	MaxWhite™	Black
M84UWH-E30	84"	16:9	41.2	73.2	1046	1860	30.0	1.1	MaxWhite™	Black
M84XWH-E30	84"	16:9	41.2	73.2	1046	1860	30.0	1.1	MaxWhite™	White
M92UWH	92"	16:9	45.1	80.2	1146	2037	4.5	1.1	MaxWhite™	Black
M100XWH	100"	16:9	49.0	87.2	1245	2214	4.5	1.1	MaxWhite™	Black
M100UWH	100"	16:9	49.0	87.2	1245	2214	4.5	1.1	MaxWhite™	White
M100XWH-E24	100"	16:9	49.0	87.2	1245	2214	24.0	1.1	MaxWhite™	White
M106UWH	106"	16:9	52.0	92.4	1320	2347	4.5	1.1	MaxWhite™	Black
M106UWH-E24	106"	16:9	52.0	92.4	1320	2347	24.0	1.1	MaxWhite™	Black
M120XWH2	120"	16:9	58.8	104.6	1494	2657	4.5	1.1	MaxWhite™	Black
M120UWH2	120"	16:9	58.8	104.6	1494	2657	4.5	1.1	MaxWhite™	White
M120XWH2-E24	120"	16:9	58.8	104.6	1494	2657	24.0	1.1	MaxWhite™	White
M135XWH2	135"	16:9	66.2	117.7	1681	2989	4.5	1.1	MaxWhite™	Black
M135UWH2	135"	16:9	66.2	117.7	1681	2989	4.5	1.1	MaxWhite™	White
M142UWH2	142"	16:9	69.6	126.8	1768	3220	4.5	1.1	MaxWhite™	Black
M150XWH2	150"	16:9	73.5	130.7	1868	3321	4.5	1.1	MaxWhite™	White
M150UWH2	150"	16:9	73.5	130.7	1868	3321	4.5	1.1	MaxWhite™	Black
M86UWX	86"	16:10	45.6	72.9	1158	1852	4.5	1.1	MaxWhite™	Black
M94UWX	94"	16:10	49.8	79.7	1265	2025	4.5	1.1	MaxWhite™	Black
M109UWX	109"	16:10	57.8	92.4	1467	2348	4.0	1.1	MaxWhite™	Black
M128UWX	128"	16:10	67.8	108.5	1723	2757	4.5	1.1	MaxWhite™	Black
M139UWX	139"	16:10	73.7	117.9	1871	2994	4.5	1.1	MaxWhite™	Black
M95UWC-E18	95"	2.35:1	37.2	87.2	945	2214	18.0	1.1	MaxWhite™	Black
M114UWC-E18	114"	2.35:1	44.6	104.6	1134	2657	18.0	1.1	MaxWhite™	Black
M128UWC-E20	128"	2.35:1	50.1	117.7	1273	2989	20.0	1.1	MaxWhite™	Black

Section 3: Screen Material

3.1 Characteristic

MaxWhite™ Screen Material is the most versatile screen surface for front projection presentations. This material provides the widest possible viewer angles with perfect diffusion uniformity while giving precise definition, image color reproduction and black & white contrast. Screen Surface has blackbacking to avoid light penetration and can be cleaned safely with mild

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soap and water. Woven screen material is a, multi-layer, cross-array coated with a matte white reflective compound.

Features & Benefits

- Gain: 1.1
- View Angle: 180° (90° LR)
- Screen Surface can be easily cleaned
- Multi-Layer Weave and Textured Surface Coating
- Mildew Resistant
- Black Backing
- GREENGUARD® & GREENGUARD Gold® Certified

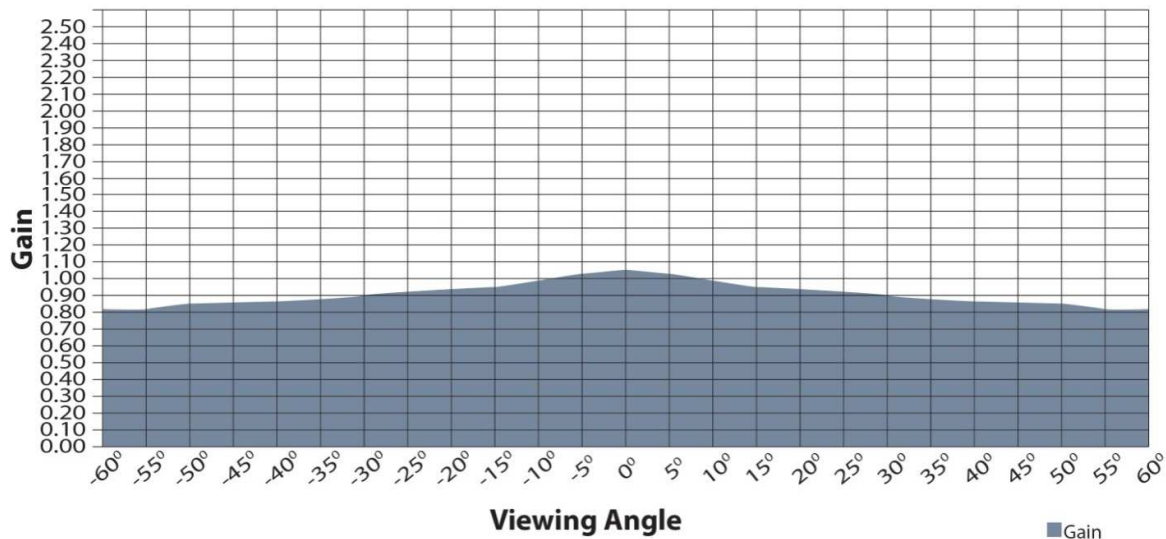


Specifications	
Thickness	0.41 mm (0.016")
Weight	530 g/m ²
Maximum Height	3.2 M (10 ft)
On-axis Gain	1.1
Half-Gain Angle	Does not reach half gain

3.2 Gain and Viewing Angle Chart



On axis 0° Gain: 1.1
Viewing Cone: 180°



Section 4: Execution

E-TYPE User Guide

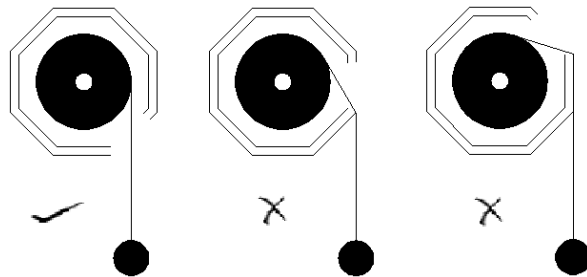
4.1 Submittals

- Users Guide
- Product Catalog
- Lanyard

4.2 Cautionary Note

Always pull the screen down or let it up in either a steep incline or a 90-degree vertical angle. Do not allow the screen to touch the screen case when the screen goes up or comes down to avoid damaging the screen material.

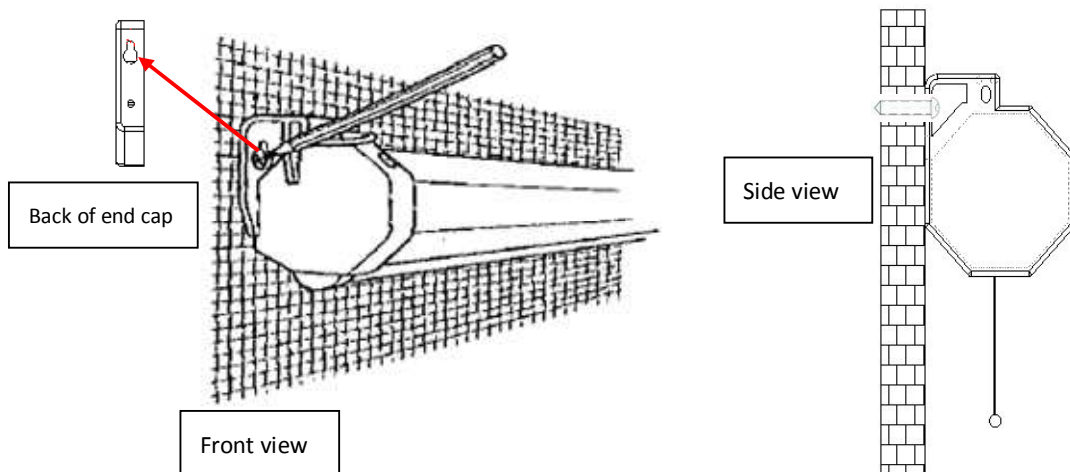
**From left to right, the first illustration shows the correct method while the center and right images show the wrong way that will damage the material.*



4.3 Installation

Flush Wall Mounting(hardware not included)

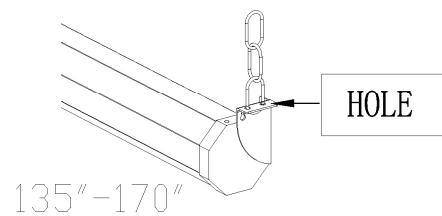
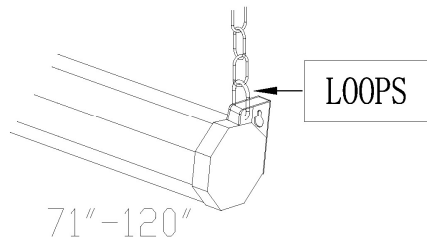
1. Mark the location of where the screen is to be installed for the pre-drilled hole.
2. After marking the area and drilling the hole, insert the proper screw into the drilled hole and leave about 1/8" of an inch from the wall to mount the screen.
3. Mount your screen from the keyhole located on back of screen's left and right end cap.



Ceiling Mounting (additional hardware required)

Optional ceiling installation using a chain to hang the screen from the ceiling.

1. You can also hang the screen on a ceiling by using a chain (not included) and hang it by the two loops (models 71-120) located on each end of the case or by the end cap's ears (models 135-170).



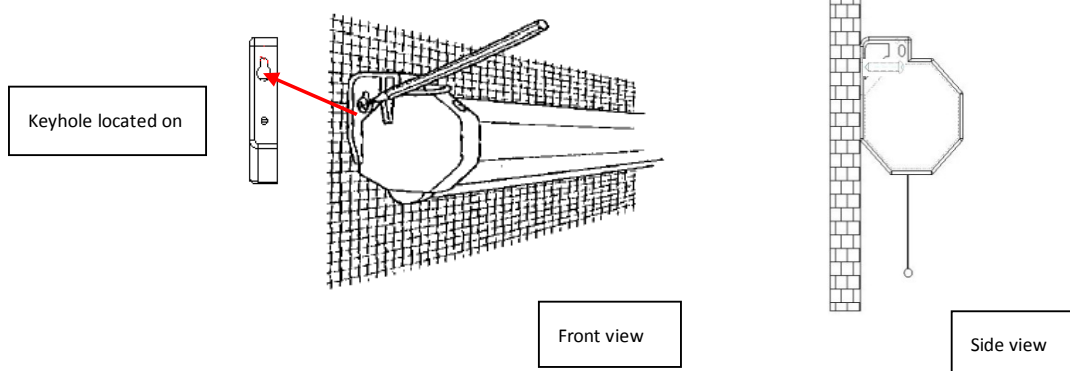
R-TYPE User Guide

Screen Installation

A. Flush Wall Installation

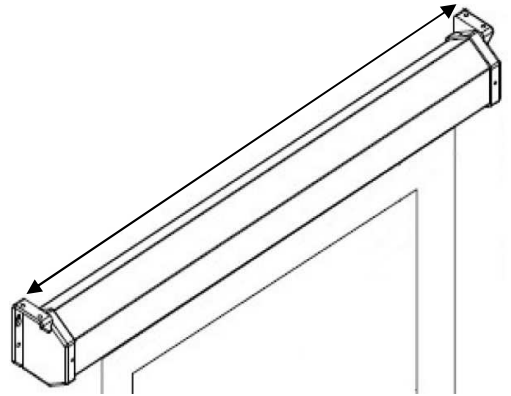
1. Measure the distance of the keyholes on the end caps and mark the location of where the screen is to be installed for the pre-drilled hole.
2. After marking the area and drilling the hole, insert the proper screw into the drilled hole and leave about 1/8 of an inch from the wall to mount the screen.
3. Mount your screen from the keyhole located on the back of the screen's left and right end caps.

Example shown is the end cap for the 80" – 120" models.



B. Flush Ceiling Mounting (only for models 135" and above)

1. Measure the distance between the top screw holes located on the top of the end caps.
2. Mark the location of where the screen is to be installed for the pre-drilled hole.
3. Drill your hole, use a hollow wall anchor if needed
4. Insert the proper screw into the drilled hole and secure the screen to the ceiling.

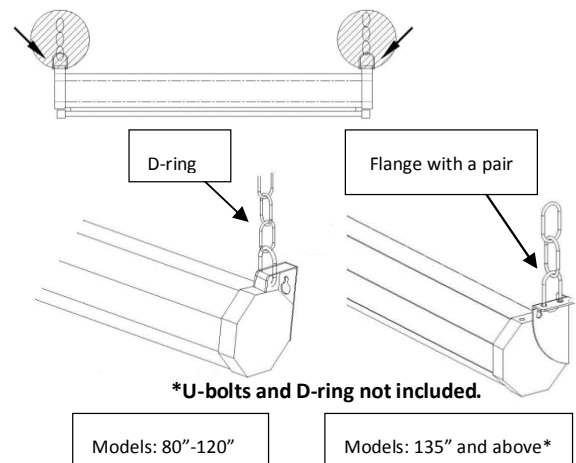


C. Suspended Ceiling Installation (for models 80"-120")

1. You can hang the screen from the ceiling by using chains (not included) and hooking them to the D-ring loops on models 80"-120", which are located on each end of the end cap.

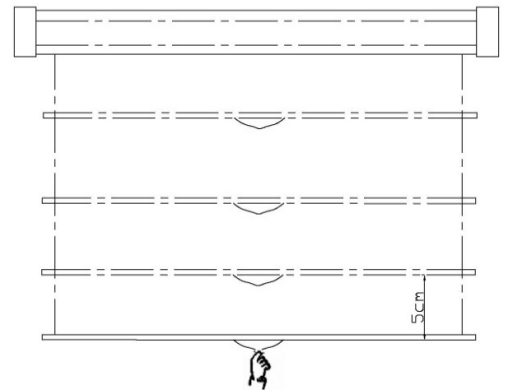
For models 135"- and above, D-ring or U-bolts (not included) are required to create loops for hanging the screen with chains from the end caps' flanges.

Note: Please consult with a hardware store professional for proper screws for your specific wall or ceiling installation. The installer must ensure that proper mounting hardware and fasteners used are of adequate strength and suitable for the mounting surface.



Screen Operation

1. Pull the screen down from the lanyard or from the handle only at a 90-degree angle. The screen is designed to lock at 2 inch intervals. To achieve this, make sure to pull straight down and allowing the screen to come up to lock into place. **Do not attempt to pull the screen down by the surface or touch the screen, as it will damage the screen and void the warranty.**
2. To retract the screen, simply pull the screen down more than two inches with a quick snap of the wrist and guide it back up in to the housing without releasing the handle.



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Attention: When retracting, always pull the screen down at a 90-degree angle and **do not let go** until the screen is entirely inside the housing. If ever the screen feels stuck, keep in mind that the screen's mechanism is new and needs to be run up/down a few times to loosen up. If this happens, carefully, with a little force, yank the screen straight down to unlock the mechanism.

Section 5: Product Specifications

5.1 E-TYPE Dimensions

Model Number	Diag Size	Aspect Ratio	Case L. (A)	View W. (A1)	Screen W. (A2)	Bar L. (A3)	Overall Ht. (B)	View Ht. (B1)	Top Masking (B2)	B3	B4	B5	C	C1
Unit: Inches														
M71UWS1	71"	1:1	56.4	50.2	53.2	56.2	60.4	50.2	4.5	57.1	2.4	3.2	2.7	0.8
M71XWS1	71"	1:1	56.4	50.2	53.2	56.2	60.4	50.2	4.5	57.1	2.4	3.2	2.7	0.8
M85UWS1	85"	1:1	66.4	60.1	63.1	66.2	70.3	60.1	4.5	67.0	2.4	3.2	2.7	0.8
M85XWS1	85"	1:1	66.4	60.1	63.1	66.2	70.3	60.1	4.5	67.0	2.4	3.2	2.7	0.8
M99UWS1	99"	1:1	76.3	70.0	73.0	76.1	79.1	70.0	3.0	75.4	2.4	3.6	3.1	0.8
M99NWS1	99"	1:1	76.3	70.0	73.0	76.1	79.1	70.0	3.0	75.4	2.4	3.6	3.1	0.8
M113UWS1	113"	1:1	86.3	79.9	82.9	86.1	90.5	79.9	4.5	86.9	2.4	3.6	3.1	0.8
M113NWS1	113"	1:1	86.3	79.9	82.9	86.1	90.5	79.9	4.5	86.9	2.4	3.6	3.1	0.8
M119UWS1	119"	1:1	90.3	84.1	87.1	90.2	94.2	84.1	4.0	90.6	2.4	3.6	3.1	0.8
M119XWS1	119"	1:1	90.3	84.1	87.1	90.2	94.2	84.1	4.0	90.6	2.4	3.6	3.1	0.8
M136UWS1	136"	1:1	102.3	96.2	99.2	102.1	106.7	96.2	4.5	103.1	2.4	3.6	3.1	0.8
M136XWS1	136"	1:1	102.3	96.2	99.2	102.1	106.7	96.2	4.5	103.1	2.4	3.6	3.1	0.8
M170XWS1	170"	1:1	126.5	120.2	123.2	126.3	131.3	120.2	4.5	127.1	2.4	4.1	3.5	0.8
M80NWV	80"	4:3	70.3	64.0	67.0	70.2	57.8	48.0	4.5	54.5	2.0	3.2	2.7	0.8
M84NWV	84"	4:3	73.5	67.2	70.2	73.3	58.7	50.4	3.0	55.4	2.0	3.2	2.7	0.8
M100NWV1	100"	4:3	85.3	80.0	82.2	85.1	70.2	60.0	4.5	66.9	2.4	3.2	2.7	0.8
M100UWV1	100"	4:3	85.3	80.0	82.2	85.1	70.2	60.0	4.5	66.9	2.4	3.2	2.7	0.8
M120XWV2	120"	4:3	102.3	96.0	99.0	102.1	82.6	72.0	4.5	78.9	2.4	3.6	3.1	0.8
M120UWV2	120"	4:3	102.3	96.0	99.0	102.1	82.6	72.0	4.5	78.9	2.4	3.6	3.1	0.8
M135XWV2	135"	4:3	114.4	108.0	111.0	114.3	92.0	81.0	4.5	87.9	2.4	4.1	3.5	0.8
M135UWV2	135"	4:3	114.4	108.0	111.0	114.3	92.0	81.0	4.5	87.9	2.4	4.1	3.5	0.8
M150XWV2	150"	4:3	126.5	120.0	123.0	126.3	101.1	90.0	4.5	96.9	2.4	4.1	3.5	0.8
M150UWV2	150"	4:3	126.5	120.0	123.0	126.3	101.1	90.0	4.5	96.9	2.4	4.1	3.5	0.8
M80UWH	80"	16:9	76.0	69.7	72.7	75.9	49.4	39.2	4.5	46.1	2.4	3.2	2.7	0.8
M84UWH	84"	16:9	79.3	73.2	76.2	79.1	51.3	41.2	4.5	48.1	2.4	3.2	2.7	0.8
M84UWH-E30	84"	16:9	79.3	73.2	76.2	79.1	76.9	41.2	30.0	73.6	2.4	3.2	2.7	0.8

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M84XWH-E30	84"	16:9	79.3	73.2	76.2	79.1	76.9	41.2	30.0	73.6	2.4	3.2	2.7	0.8
M92UWH	92"	16:9	85.3	80.2	82.4	85.1	55.3	45.1	4.5	52.0	2.4	3.2	2.7	0.8
M100XWH	100"	16:9	93.5	87.2	90.2	93.3	59.6	49.0	4.5	55.9	2.4	3.6	3.1	0.8
M100UWH	100"	16:9	93.5	87.2	90.2	93.3	59.6	49.0	4.5	55.9	2.4	3.6	3.1	0.8
M100XWH-E24	100"	16:9	93.5	87.2	90.2	93.3	79.1	49.0	24.0	75.5	2.4	3.6	3.1	0.8
M106UWH	106"	16:9	98.7	92.4	95.4	98.5	62.5	52.0	4.5	58.9	2.4	3.6	3.1	0.8
M106UWH-E24	106"	16:9	98.7	92.4	95.4	98.5	82.0	52.0	24.0	78.4	2.4	3.6	3.1	0.8
M120XWH2	120"	16:9	110.9	104.6	107.6	110.7	69.4	58.8	4.5	65.7	2.4	3.6	3.1	0.8
M120UWH2	120"	16:9	110.9	104.6	107.6	110.7	69.4	58.8	4.5	65.7	2.4	3.6	3.1	0.8
M120XWH2-E24	120"	16:9	110.9	104.6	107.6	110.7	88.9	58.8	24.0	85.3	2.4	3.6	3.1	0.8
M135XWH2	135"	16:9	126.0	117.7	120.7	123.8	77.2	66.2	4.5	73.1	2.4	4.1	3.5	0.8
M135UWH2	135"	16:9	126.0	117.7	120.7	123.8	77.2	66.2	4.5	73.1	2.4	4.1	3.5	0.8
M142UWH2	142"	16:9	131.7	126.8	123.8	129.9	76.5	69.6	4.5	80.7	2.4	4.1	3.5	0.8
M150XWH2	150"	16:9	137.2	130.7	133.7	137.0	84.6	73.5	4.5	80.5	2.4	4.1	3.5	0.8
M150UWH2	150"	16:9	137.2	130.7	133.7	137.0	84.6	73.5	4.5	80.5	2.4	4.1	3.5	0.8
M86UWX	86"	16:10	79.3	72.9	75.9	79.1	55.7	45.6	4.5	52.5	2.4	3.2	2.7	0.8
M94UWX	94"	16:10	85.3	79.7	82.7	85.1	60.0	49.8	4.5	56.7	2.4	3.2	2.7	0.8
M109UWX	109"	16:10	98.7	92.4	95.4	98.5	68.3	57.8	4.0	64.2	2.4	3.6	3.1	0.8
M128UWX	128"	16:10	114.8	108.5	111.5	114.7	78.4	67.8	4.5	74.8	2.4	3.6	3.1	0.8
M139UWX	139"	16:10	123.9	117.9	120.9	123.8	84.2	73.7	4.5	80.6	2.4	3.6	3.1	0.8
M95UWC-E18	95"	2.35:1	93.5	87.2	90.2	93.3	61.3	37.2	18.0	57.6	2.4	3.6	3.1	0.8
M114UWC-E18	114"	2.35:1	110.9	104.6	107.6	110.7	68.7	44.6	18.0	65.1	2.4	3.6	3.1	0.8
M128UWC-E20	128"	2.35:1	123.9	117.7	120.7	123.8	76.7	50.1	20.0	72.6	2.4	4.1	3.5	0.8

Model Number	Diag Size	Aspect Ratio	Case L. (A)	View W. (A1)	Screen W. (A2)	Bar L. (A3)	Overall Ht. (B)	View Ht. (B1)	Top Maskin g (B2)	B3	B4	B5	C	C1
Unit: mm														
M71UWS1	71"	1:1	1432	1275	1351	1428	1533	1275	114	1451	62	82	69	20
M71XWS1	71"	1:1	1432	1275	1351	1428	1533	1275	114	1451	62	82	69	20
M85UWS1	85"	1:1	1686	1527	1603	1682	1785	1527	114	1703	62	82	69	20
M85XWS1	85"	1:1	1686	1527	1603	1682	1785	1527	114	1703	62	82	69	20
M99UWS1	99"	1:1	1938	1778	1854	1934	2008	1778	76	1916	62	92	80	20
M99NWS1	99"	1:1	1938	1778	1854	1934	2008	1778	76	1916	62	92	80	20
M113UWS1	113"	1:1	2192	2030	2106	2188	2298	2030	114	2206	62	92	80	20
M113NWS1	113"	1:1	2192	2030	2106	2188	2298	2030	114	2206	62	92	80	20

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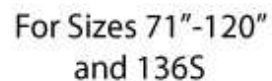
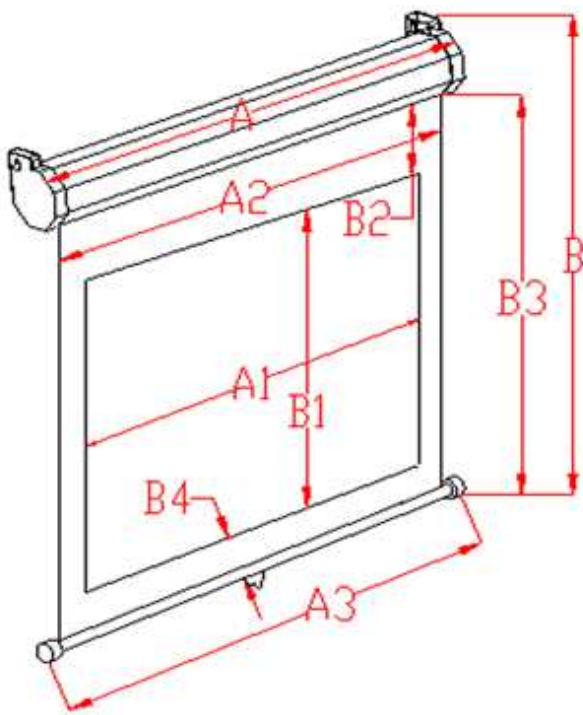
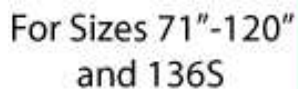
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M119UWS1	119"	1:1	2294	2137	2213	2290	2392	2137	101	2300	62	92	80	20
M119XWS1	119"	1:1	2294	2137	2213	2290	2392	2137	101	2300	62	92	80	20
M136UWS1	136"	1:1	2598	2443	2519	2594	2711	2443	114	2619	62	92	80	20
M136XWS1	136"	1:1	2598	2443	2519	2594	2711	2443	114	2619	62	92	80	20
M170XWS1	170"	1:1	3212	3053	3129	3208	3334	3053	114	3229	62	105	88	20
M80NWV	80"	4:3	1786	1626	1702	1782	1467	1219	114	1385	52	82	69	20
M84NWV	84"	4:3	1867	1707	1783	1863	1490	1280	76	1408	52	82	69	20
M100NWV1	100"	4:3	2166	2032	2088	2162	1782	1524	114	1700	62	82	69	20
M100UWV1	100"	4:3	2166	2032	2088	2162	1782	1524	114	1700	62	82	69	20
M120XWV2	120"	4:3	2598	2438	2514	2594	2097	1829	114	2005	62	92	80	20
M120UWV2	120"	4:3	2598	2438	2514	2594	2097	1829	114	2005	62	92	80	20
M135XWV2	135"	4:3	2907	2743	2819	2903	2338	2057	114	2233	62	105	88	20
M135UWV2	135"	4:3	2907	2743	2819	2903	2338	2057	114	2233	62	105	88	20
M150XWV2	150"	4:3	3212	3048	3124	3208	2567	2286	114	2462	62	105	88	20
M150UWV2	150"	4:3	3212	3048	3124	3208	2567	2286	114	2462	62	105	88	20
M80UWH	80"	16:9	1931	1771	1847	1927	1254	996	114	1172	62	82	69	20
M84UWH	84"	16:9	2014	1860	1936	2010	1304	1046	114	1222	62	82	69	20
M84UWH-E30	84"	16:9	2014	1860	1936	2010	1952	1046	762	1870	62	82	69	20
M84XWH-E30	84"	16:9	2014	1860	1936	2010	1952	1046	762	1870	62	82	69	20
M92UWH	92"	16:9	2166	2037	2093	2162	1404	1146	114	1322	62	82	69	20
M100XWH	100"	16:9	2374	2214	2290	2370	1513	1245	114	1421	62	92	80	20
M100UWH	100"	16:9	2374	2214	2290	2370	1513	1245	114	1421	62	92	80	20
M100XWH-E24	100"	16:9	2374	2214	2290	2370	2009	1245	610	1917	62	92	80	20
M106UWH	106"	16:9	2506	2347	2423	2502	1588	1320	114	1496	62	92	80	20
M106UWH-E24	106"	16:9	2506	2347	2423	2502	2084	1320	610	1992	62	92	80	20
M120XWH2	120"	16:9	2816	2657	2733	2812	1762	1494	114	1670	62	92	80	20
M120UWH2	120"	16:9	2816	2657	2733	2812	1762	1494	114	1670	62	92	80	20
M120XWH2-E24	120"	16:9	2816	2657	2733	2812	2258	1494	610	2166	62	92	80	20
M135XWH2	135"	16:9	3200	2989	3065	3144	1962	1681	114	1857	62	105	88	20
M135UWH2	135"	16:9	3200	2989	3065	3144	1962	1681	114	1857	62	105	88	20
M142UWH2	142"	16:9	3344	3220	3144	3300	1943	1768	114	2049	61	104	88	20
M150XWH2	150"	16:9	3484	3321	3397	3480	2149	1868	114	2044	62	105	88	20
M150UWH2	150"	16:9	3484	3321	3397	3480	2149	1868	114	2044	62	105	88	20
M86UWX	86"	16:10	2014	1852	1928	2010	1416	1158	114	1334	62	82	69	20
M94UWX	94"	16:10	2166	2025	2101	2162	1523	1265	114	1441	62	82	69	20

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5.3 R-TYPE Dimensions

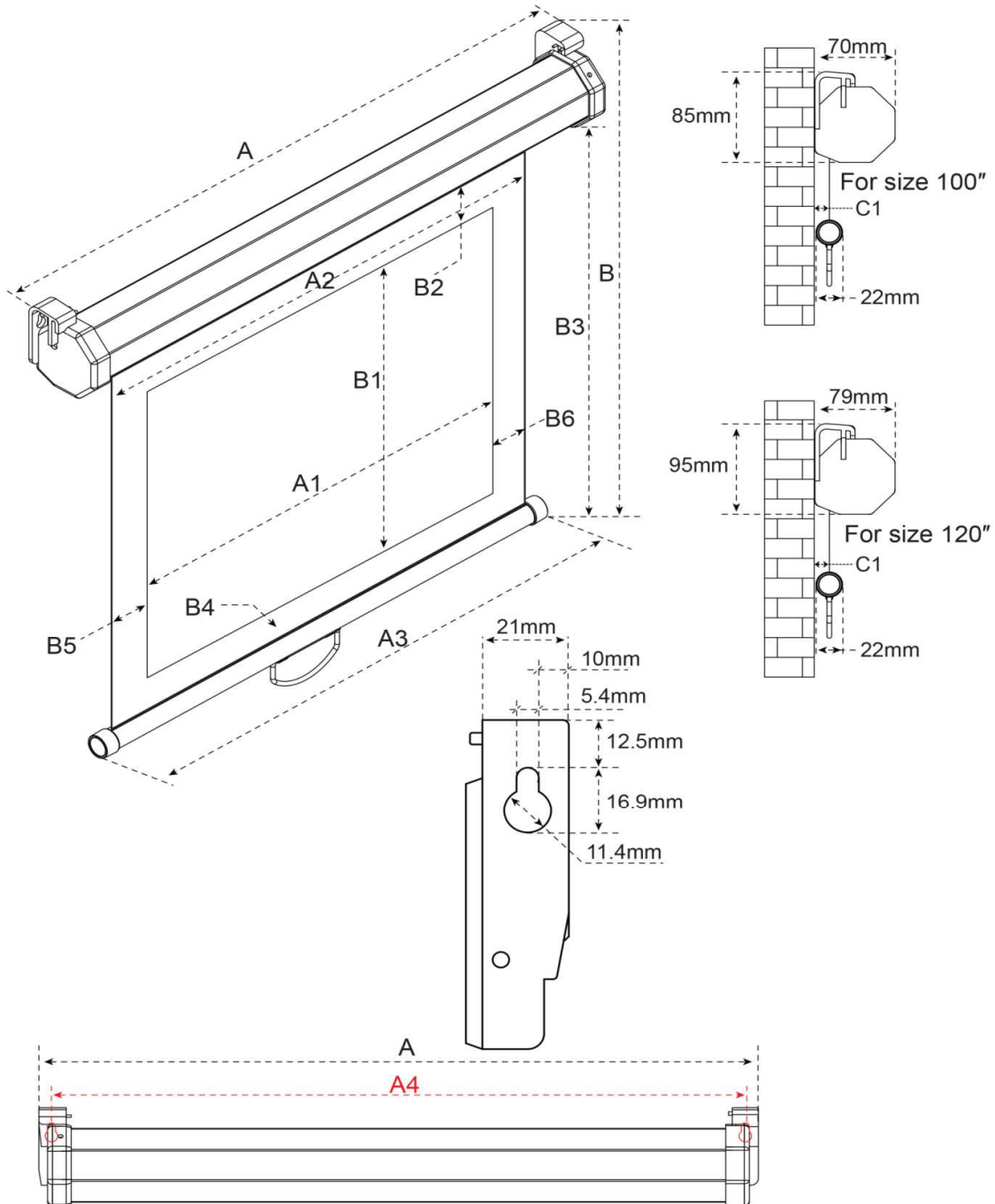
Model Number	Diag Size	Aspect Ratio	Case Length (A)	View W (A1)	Screen W (A2)	Weight bar L (A3)	Overall Height (B)	View H (B1)	Top Border (B2)	B3	B4	A4	B5	B6
Unit: Inches														
M80UWH	80"	16:9	76.7	69.7	72.7	75.9	50.3	39.2	4.5	47.0	2.4	75.5	1.5	1.5
M80NWV	80"	4:3	70.9	64.0	67.0	70.2	70.5	48.0	4.5	55.4	2.0	69.8	1.5	1.5
M84UWH	84"	16:9	80.2	73.2	76.2	79.4	52.3	41.2	4.5	48.9	2.4	79.0	1.5	1.5
M84NWV	84"	4:3	74.1	67.2	70.2	73.3	59.6	50.4	3.0	56.3	2.0	73.0	1.5	1.5
M100UWH	100"	16:9	93.3	87.2	89.4	92.5	59.9	49.0	4.7	56.5	2.0	92.1	1.1	1.1
M100XWH	100"	16:9	93.3	87.2	89.4	92.5	59.9	49.0	4.7	56.5	2.0	92.1	1.1	1.1
M100NWV1	100"	4:3	86.1	80.0	82.2	85.4	71.7	60.0	5.6	68.3	2.0	85.0	1.1	1.1
M100UWV1	100"	4:3	86.1	80.0	82.2	85.4	71.7	60.0	5.6	68.3	2.0	85.0	1.1	1.1
M120UWV2	120"	4:3	102.9	96.0	99.0	102.1	83.5	72.0	4.5	79.8	2.4	101.7	1.5	1.5
M120XWV2	120"	4:3	102.9	96.0	99.0	102.1	83.5	72.0	4.5	79.8	2.4	101.7	1.5	1.5
M120XWH2	120"	16:9	111.0	104.7	107.1	110.2	82.5	59.1	17.7	78.8	1.2	109.8	1.2	1.2
M120UWH2	120"	16:9	111.0	104.7	107.1	110.2	82.5	59.1	17.7	78.8	1.2	109.8	1.2	1.2
M92UWH	92"	16:9	87.2	80.3	82.7	85.8	63.0	45.3	4.5	59.7	1.2	85.4	1.2	1.2

Model Number	Diag Size	Aspect Ratio	Case Length (A)	View W (A1)	Screen W (A2)	Weight bar L (A3)	Overall Height (B)	View H (B1)	Top Border (B2)	B3	B4	A4	B5	B6
Unit: mm														
M80UWH	80"	16:9	1947	1771	1847	1927	1278	996	114	1193	62	1917	38	38
M80NWV	80"	4:3	1802	1626	1702	1782	1791	1219	114	1406	52	1772	38	38
M84UWH	84"	16:9	2036	1860	1936	2016	1328	1046	114	1243	62	2006	38	38
M84NWV	84"	4:3	1883	1707	1783	1863	1514	1280	76	1429	52	1853	38	38
M100UWH	100"	16:9	2370	2214	2270	2350	1521	1245	120	1436	50	2340	28	28
M100XWH	100"	16:9	2370	2214	2270	2350	1521	1245	120	1436	50	2340	28	28
M100NWV1	100"	4:3	2188	2032	2088	2168	1821	1524	141	1736	50	2158	28	28
M100UWV1	100"	4:3	2188	2032	2088	2168	1821	1524	141	1736	50	2158	28	28
M120UWV2	120"	4:3	2614	2438	2514	2594	2121	1829	114	2026	62	2584	38	38
M120XWV2	120"	4:3	2614	2438	2514	2594	2121	1829	114	2026	62	2584	38	38
M120XWH2	120"	16:9	2820	2660	2720	2800	2096	1500	450	2001	30	2790	30	30
M120UWH2	120"	16:9	2820	2660	2720	2800	2096	1500	450	2001	30	2790	30	30
M92UWH	92"	16:9	2216	2040	2100	2180	1601	1150	114	1516	30	2170	30	30

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5.4 Drawings



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5.3 Pictures

Manual Series White Casing with Lanyard



Manual Series White Casing



Manual Series Closed White Casing



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Manual Series Black Casing, Front View



Manual Series Closed Black Casing



Manual Series in 2.35:1 Aspect Ratio



Section 6: About Elite Screens

6.1 Company Description

Elite Screens Inc. is a California based company that specializes in making quality commercial and home-theater projection screens for the retail and custom install sales channels. Our company began as an innovative venture into the projection market by manufacturing veterans from the AV/IT industry. Elite Screens quickly established itself as an entry level commercial and home theater screen manufacturer. This was accomplished by making a quality product cost effective with a focus on mass-producing screen material, sizes and aspect ratios that were most commonly preferred by AV customers in general. We focused on uniformity with what would match the mainstream demographic while including extra features that are not usually included by other manufacturers. In time, we progressed from just retail sales into the realm of custom installer/integrator manufacture as our numerous reviews and awards will attest. We stand behind our product and are so certain of customer satisfaction with the quality of our product that we offer a 2-year manufacturer's warranty which is twice the industry standard.

In our continued devotion to excellence in products and service, we are committed to implementing green practices with our production. We have adopted manufacturing methods that promote conservative regulation of our energy needs. Our simple product designs combined with the expertise of our permanent staff ensures that our entire line of products are made by experienced hands devoted to the high standards of today's audio-video consumer.

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