



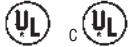
TENSIONED ADVANTAGE® DELUXE ELECTROL®

Automatic Electric Projection Screen

SPECIFICATION DATA

DA-LITE SCREEN COMPANY, INC.
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SUGGESTED SPECIFICATIONS: _____ projection screen(s), _____ (H) x _____ (W), size. The Tensioned Advantage® Deluxe screen shall have two motors, one to operate door and one to operate screen. Door motor electrically operated 120 volt (60 Hz) 1.2 amp. Shall have motor mounted inside the roller, to be three wire with ground, quick reversal type, oiled for life, with automatic thermal overload cutout, integral gears, capacitor and an electric brake to prevent coasting. To have pre-set but adjustable limit switches to automatically stop fabric door in the "up" and "down" positions. The roller to be of rigid aluminum, 1½" in diameter. Screen motor is electrically operated 120 volt (60 Hz) 1.4 amp. Shall have motor mounted inside the roller with a noise silencer to be three wire quick reversal type, oiled for life, with automatic thermal overload cutout, integral gears, capacitor and an electric brake to prevent coasting. To have pre-set but adjustable limit switches to automatically stop picture surface in the "up" and "down" positions. The roller to be of rigid metal, 3¾" in diameter. Screen fabric to be seamless, flame retardant and mildew resistant vinyl, with black masking borders standard. Each side of the fabric to have tab guide cable system to maintain even lateral tension and hold surface flat. Custom slat bar with added weight maintains vertical tension on the screen surface. Case shall be an aluminum extrusion. Bottom of case to be self-trimming with a built-in flange around the bottom of the case. Case to be white with steel brackets bolted to the ends. A section of the bottom of the case shall be an aluminum door equipped with hinges so that it opens and closes automatically with the lowering and raising of the picture surface. The balance of the bottom of the case shall be a second hinged aluminum door with manual opening to provide access. Hinges shall be mounted in a concealed way. Junction box shall be integrated into the housing making it possible to install the housing and wire to the building's electrical system during construction. The junction box shall contain a five prong connector that is mounted in the housing for easy plug-in connection to the motorized fabric and roller assembly. The motorized fabric and roller assembly to be installed in the case at the factory or at a later time at the job site. To be complete with three position control switch and cover plate. Suitable for use in environmental air space in accordance with section 300-22 (c) of the National Electric Code, and sections 2-128, 12-010 (3) and 12-100 of the Canadian Electrical Code, part 1, CSA C22.1. Screen to be listed by Underwriters' Laboratories.



VIDEO FORMAT DIMENSIONS

Viewing Area		Nominal Diagonal		Overall Length of Case		Approx. Ship. Wt.	
H x W	Cm	In.	Cm	In.	Cm	Lbs.	Kg
43" x 57"	109 x 145	72"	183	79¼"	201	102	46.3
50" x 67"	127 x 170	84"	213	90¼"	229	114	51.7
60" x 80"	152 x 203	100"	254	104¼"	265	125	56.7
69" x 92"	175 x 234	120"	305	118¼"	300	148	67.1
87" x 116"	221 x 295	150"	381	145¼"	369	170	77.1
108" x 144"	274 x 366	180"	457	170¼"	432	189	85.7
120" x 160"	305 x 406	200"	508	187¼"	476	203	92.1

HDTV FORMAT DIMENSIONS

Viewing Area		Nominal Diagonal		Overall Length of Case		Approx. Ship. Wt.	
H x W	Cm	In.	Cm	In.	Cm	Lbs.	Kg
45" x 80"	114 x 203	92"	234	102¾"	261	125	56.7
52" x 92"	132 x 234	106"	269	115¼"	293	140	63.5
54" x 96"	137 x 244	110"	279	119¾"	304	145	65.8
58" x 104"	147 x 264	119"	302	128¼"	326	150	68.0
65" x 116"	165 x 295	133"	338	141¼"	359	163	73.9
78" x 139"	198 x 353	159"	404	166¼"	422	188	85.3

16:10 WIDE FORMAT DIMENSIONS

Viewing Area		Nominal Diagonal		Overall Length of Case		Approx. Ship. Wt.	
H x W	Cm	In.	Cm	In.	Cm	Lbs.	Kg
50" x 80"	127 x 203	94"	239	103¾"	264	125	56.7
60" x 96"	152 x 244	113"	287	120¾"	307	145	65.8
69" x 110"	175 x 279	130"	330	134¾"	342	157	71.2
87" x 139"	221 x 353	164"	417	163¾"	415	188	85.3

DIMENSIONS

Viewing Area		Overall Length of Case		Approx. Ship. Wt.	
H x W	Cm	In.	Cm	Lbs.	Kg
50" x 50"	127 x 127	73¼"	186	93	42.2
60" x 60"	152 x 152	84¼"	214	104	47.2
70" x 70"	178 x 178	95¾"	243	116	52.6
84" x 84"	213 x 213	112¼"	288	125	56.7
6' x 8'	183 x 244	122¼"	311	140	63.5
8' x 8'	244 x 244	125¾"	319	148	67.1
7' x 9'	213 x 274	136¼"	346	155	70.3
9' x 9'	274 x 274	134¾"	342	159	72.1
8' x 10'	244 x 305	149¾"	380	165	74.8
10' x 10'	305 x 305	146¾"	373	168	76.2
9' x 12'	274 x 366	170¾"	434	189	85.7
12' x 12'	366 x 366	175¼"	445	194	88.0

All screens standard with 12" black drop at top.

Extra drop may alter case dimensions. Contact Da-Lite for details.

Overall case length dimensions $\pm 1/4"$.

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

Specifications subject to change without notice.

Custom formats and sizes available upon request.

All viewing surfaces will be seamless.

All viewing surfaces are standard with black backing except Da-Tex® and Dual Vision.

Audio Vision, High Contrast Audio Vision and High Contrast Cinema Perf available in sizes up to 87" x 116" in Video Format and 78" x 139" in HDTV Format.

WHEN ORDERING, MARK APPROPRIATE SELECTIONS:

Select size from charts on the other side.

Select viewing surface:

- Da-Mat®
- Pearlescent
- Audio Vision
- Dual Vision
- High Contrast Audio Vision
- High Contrast Da-Mat®
- Cinema Vision
- Da-Tex® (Rear)
- High Contrast Cinema Vision
- High Contrast Cinema Perf

Optional Accessories:

- Single motor Low Voltage Control(LVC) - external.
- Single motor Low Voltage Control(LVC) - built-in. Electrical connections will be on right end of screen case on units with built-in LVCs.
- Wireless Remote Control for LVC.
 - Radio Frequency Remote
 - Infrared Remote
- Key Locking Cover Plate for 120 V Switch or LVC.
- Key Operated Switch for 120 V only (NOTE: Cannot be used with LVC).
- 220/240 Volt (50 Hz) motor.
- Video Projector Interface.

Project: _____

Architect: _____

Phone: _____

Contractor: _____

Phone: _____

Supervisor: _____

Phone: _____

Supplier: _____

Date: _____

Revised: _____

- SCB-100 RS-232 Serial Control Board - external.
 - NET-100 Ethernet-Serial Adapter
- SCB-100 RS-232 Serial Control Board - built-in. Electrical connections will be on right end of screen case on units with built-in SCB-100.
 - NET-100 Ethernet-Serial Adapter
- SCB-200 RS-232 Serial Control Board - built-in. Electrical connections will be on right end of screen case on units with built-in SCB-200.
 - NET-200 Ethernet-Serial Adapter
 - WC-200 Wall Controller
 - IR-200 Infrared Remote

TENSIONED ADVANTAGE® DELUXE ELECTROL® SUGGESTED CEILING INSTALLATION

