



ADVANTAGE® ELECTROL®

(OVER 12' x 12')

Automatic Electric Projection Screen Model

SPECIFICATION DATA

DA-LITE SCREEN COMPANY, INC.
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SUGGESTED SPECIFICATIONS: _____ projection screen(s), _____ (H) x _____ (W), electrically operated 120 volt (60Hz), not more than 2.4 amp with a quick connect male plug-in connector on the motor. Shall have specially designed 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 preset but adjustable limit switches to automatically stop picture surface in the "up" and "down" positions. Junction box shall be internally 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 quick connect connector that is mounted in the housing for easy plug-in connection to the motorized fabric and roller assembly. Rigid metal roller, to be at least 5/8" in diameter (on screens 14' to 18' wide) or 7" in diameter (on screens where either height or width equal or exceed 20'). The motorized fabric and roller assembly to be installed in the case at the factory or at a later time at the job site. Roller mounting brackets to be adjustable to allow centering or offsetting of the screen within the case. Screen to be designed for left or right-hand motor installation. Screen fabric to be flame retardant and mildew resistant fiberglass with black masking borders standard. Bottom of fabric shall be formed into a pocket holding a metal rod. Heavy duty plastic caps shall protect the ends of the rod. Case to be made of extruded aluminum powder coated white. End caps to be of heavy gauge steel, powder coated white. Bottom of case to have a removable access door. Door to be of extruded aluminum powder coated white. Bottom of case to be self-trimming, with a built-in flange around the bottom of the case. To be complete with a 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.

Matte White: Horizontal seam required when both dimensions exceed 16'.



VIDEO (NTSC 4:3) FORMAT DIMENSIONS (2" standard black drop at top)

Viewing Area		Nominal Diagonal		Overall Length of Case (does not include flange)		Approx. Ship. Wt.	
H x W	Cm	In.	Cm	In.	Cm	Lbs.	Kg
123" x 164"	312 x 417	210"	533	183½"	466	749	339.7
141" x 188"	358 x 478	240"	610	207½"	527	828	375.6
159" x 212"	404 x 538	265"	673	231½"	588	910	412.8
177" x 236"	450 x 599	295"	749	255½"	649	1022	463.6

HDTV (16:9) FORMAT DIMENSIONS (2" standard black drop at top)

Viewing Area		Nominal Diagonal		Overall Length of Case (does not include flange)		Approx. Ship. Wt.	
H x W	Cm	In.	Cm	In.	Cm	Lbs.	Kg
106 x 188	269 x 478	216	549	207½"	527	818	371.0
119 x 212	302 x 538	243	617	231½"	588	896	406.4
133 x 236	338 x 599	271	688	255½"	649	997	452.2

SQUARE FORMAT DIMENSIONS (screens with ^ have 2" standard black drop at top)

Sizes		Overall Length of Case (does not include flange)		Approx. Ship. Wt.	
H x W	Cm	In.	Cm	Lbs.	Kg
10'6" x 14' ^	320 x 427	183½"	466	747	338.8
14' x 14'	427 x 427	183½"	466	758	343.8
12' x 16' ^	366 x 488	207½"	527	831	376.9
16' x 16'	488 x 488	207½"	527	846	383.7
13'6" x 18' ^	411 x 549	231½"	588	913	414.1
18' x 18'	549 x 549	231½"	588	924	419.1
15' x 20' ^	457 x 610	255½"	649	1025	464.9
20' x 20'	610 x 610	255½"	649	1048	475.4
16'6" x 22' ^	503 x 671	279½"	710	1118	507.1
22' x 22'	671 x 671	279½"	710	1145	519.4
18' x 24' ^	549 x 732	303½"	771	1205	546.6

Overall case length dimensions ± ¼".
 Detail dimensional drawings, wiring diagrams and installation instructions available upon request.
 Specifications subject to change without notice.
 Custom formats and sizes available upon request.

WHEN ORDERING, MARK APPROPRIATE SELECTIONS:

Select size from charts above.

Select viewing surface:

Matte White 

 Greenguard® and Greenguard® Children and Schools Certified.

Optional Accessories:

- Extra Drop available to lower picture area more than normal. Specify total drop at top ____ (black or white) or at bottom ____ (black or white). 22' maximum total surface height including picture area except for 24' wide, where maximum drop is 18'.
- Single Motor Low Voltage Control (LVC) - external.
- Single Motor Low Voltage Control (LVC) - built-in.
- Wireless Remote Control for LVC.
 - Radio Frequency Remote.
 - Radio Frequency Range Extender available
 - Infrared Remote.
- Key Locking Cover Plate for 120V or LVC Switch.
- Key Operated Switch for 120V only (NOTE: Cannot be used with LVC).
- No Borders (Black masking borders standard).
- 220 Volt (50 Hz) Motor.
- Video Projector Interface Control - external.
- SCB-100 RS-232 Serial Control Board - built in.
 - NET-100 Ethernet-Serial Adapter
- SCB-100 RS-232 Serial Control Board - external.
 - NET-100 Ethernet-Serial Adapter

Project:	_____

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

**ADVANTAGE® ELECTROL®
SUGGESTED METHODS OF INSTALLATION**

