





# ADVANTAGE<sup>®</sup> DELUXE ELECTROL<sup>®</sup>

Automatic Electric Projection Screen Model

## SPECIFICATION DATA

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**SUGGESTED SPECIFICATIONS:** \_\_\_\_\_ projection screen(s), \_\_\_\_\_ (H) x \_\_\_\_\_ (W). The Advantage<sup>®</sup> Deluxe Screen shall have two motors, one to operate door and one to operate screen. Door motor electrically operated 120 volt (60 Hz) not more than 1.2 amp, 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 "down" position. The door will lift to the closed position where a micro switch shall cut off the electrical current to the door motor. The roller to be of rigid aluminum. Screen motor is electrically operated 120 volt (60 Hz) not more than 2.4 amp, 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 picture surface in the "up" and "down" positions. The roller to be of rigid metal. 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 with plastic caps. Case shall be a white powder coated aluminum extrusion. Bottom of case to be self-trimming with a built-in flange around the bottom of the case. A section of the bottom of the case shall be an aluminum door equipped with concealed 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. 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. 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 with 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 (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
43" x 57"	109 x 145	72"	183	72 <sup>1</sup> / <sub>4</sub> "	184	83	37.7
50" x 67"	127 x 170	84"	213	82 <sup>1</sup> / <sub>4</sub> "	209	93	42.2
57" x 77"	145 x 196	96"	244	96 <sup>1</sup> / <sub>4</sub> "	244	108	49.0
60" x 80"	152 x 203	100"	254	96 <sup>1</sup> / <sub>4</sub> "	244	108	49.0
69" x 92"	175 x 234	120"	305	108 <sup>1</sup> / <sub>4</sub> "	275	119	54.0
87" x 116"	221 x 295	150"	381	132 <sup>1</sup> / <sub>4</sub> "	336	144	65.3
105" x 140"	267 x 356	180"	457	156 <sup>1</sup> / <sub>4</sub> "	397	168	76.2
120" x 160"	305 x 406	200"	508	176 <sup>1</sup> / <sub>4</sub> "	448	188	85.3

### 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
45" x 80"	114 x 203	92"	234	96 <sup>1</sup> / <sub>4</sub> "	244	108	49.0
52" x 92"	132 x 234	106"	269	108 <sup>1</sup> / <sub>4</sub> "	275	119	54.0
54" x 96"	137 x 244	110"	279	112 <sup>1</sup> / <sub>4</sub> "	285	120	54.4
58" x 104"	147 x 264	119"	302	120 <sup>1</sup> / <sub>4</sub> "	305	122	55.3
65" x 116"	165 x 295	133"	338	132 <sup>1</sup> / <sub>4</sub> "	336	144	65.3
78" x 139"	198 x 353	159"	404	156 <sup>1</sup> / <sub>4</sub> "	397	188	85.3
90" x 160"	229 x 406	184"	467	176 <sup>1</sup> / <sub>4</sub> "	448	188	85.3

### 16:10 WIDE 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
50" x 80"	127 x 203	94"	239	96 <sup>1</sup> / <sub>4</sub> "	244	108	49.0
60" x 96"	152 x 244	113"	287	112 <sup>1</sup> / <sub>4</sub> "	285	120	54.4
69" x 110"	175 x 279	130"	330	126 <sup>1</sup> / <sub>4</sub> "	321	133	60.3
87" x 139"	221 x 353	164"	417	156 <sup>1</sup> / <sub>4</sub> "	397	188	85.3

### 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
50" x 50"	127 x 127	62 <sup>1</sup> / <sub>4</sub> "	158	71	32.2
60" x 60"	152 x 152	72 <sup>1</sup> / <sub>4</sub> "	184	81	36.7
70" x 70"	178 x 178	82 <sup>1</sup> / <sub>4</sub> "	209	92	41.7
84" x 84"	213 x 213	96 <sup>1</sup> / <sub>4</sub> "	244	107	48.5
6' x 8'^	183 x 244	108 <sup>1</sup> / <sub>4</sub> "	275	111	50.4
8' x 8'	244 x 244	108 <sup>1</sup> / <sub>4</sub> "	275	117	53.1
7' x 9'^	213 x 274	120 <sup>1</sup> / <sub>4</sub> "	305	122	55.3
9' x 9'^	274 x 274	120 <sup>1</sup> / <sub>4</sub> "	305	130	59.0
8' x 10'^	244 x 305	132 <sup>1</sup> / <sub>4</sub> "	336	142	64.4
10' x 10'^	305 x 305	132 <sup>1</sup> / <sub>4</sub> "	336	170	77.1
9' x 12'^	274 x 366	156 <sup>1</sup> / <sub>4</sub> "	397	180	81.7
12' x 12'	366 x 366	156 <sup>1</sup> / <sub>4</sub> "	397	200	90.7

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.

**Matte White:** Horizontal seam required when both dimensions exceed 10'.

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

**High Power®:** Available in sizes up to and including 9' x 12'. Horizontal seam required when both dimensions exceed 6'.

**WHEN ORDERING, MARK APPROPRIATE SELECTIONS:**

Select size from charts on the other side.

**Select viewing surface:**

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

 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). 13' maximum total surface height including picture area.
- No borders (Black masking borders standard).
- 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 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 - external.
- SCB-100 RS-232 Serial Control Board - external.
  - NET-100 Ethernet-Serial Adapter

<b>Project:</b>	_____
	_____
<b>Architect:</b>	_____
<b>Phone:</b>	_____
<b>Contractor:</b>	_____
<b>Phone:</b>	_____
<b>Supervisor:</b>	_____
<b>Phone:</b>	_____
<b>Supplier:</b>	_____
<b>Date:</b>	_____
<b>Revised:</b>	_____

- 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

**ADVANTAGE® DELUXE ELECTROL®  
 SUGGESTED CEILING INSTALLATION**

