# Tensioned Advantage® Deluxe Electrol®

Automatic Electric Projection Screen Model

SPECIFICATION DATA

**SUGGESTED SPECIFICATIONS:** _____projection screen(s), _____(H) x _____(W). 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) not more than 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 "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. 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 picture surface in the "up" and "down" positions. The roller to be of rigid metal. 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. The ends of the slat to be protected by heavy duty plastic caps enclosing a preset adjustable mechanism for screen tensioning. Case shall be a white powder coated extruded aluminum. 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 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 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 integrated low voltage control unit and 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.

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## HDTV (16:9) Format Dimensions

| Viewing Area (H x W) | | Nominal Diagonal | | Overall Length of Case* | | Approx. Ship. Wt. | |
|---|---|---|---|---|---|---|---|
| In. | 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 |
| 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 |
| 90" x 160" | 229 x 406 | 184" | 467 | 184¼" | 468 | 203 | 92.3 |

## Wide (16:10) Format Dimensions

| Viewing Area (H x W) | | Nominal Diagonal | | Overall Length of Case* | | Approx. Ship. Wt. | |
|---|---|---|---|---|---|---|---|
| In. | Cm | In. | Cm | In. | Cm | Lbs. | Kg |
| 50" x 80" | 127 x 203 | 94" | 239 | 103¼" | 262 | 125 | 56.7 |
| 57½" x 92" | 146 x 234 | 109" | 277 | 116¼" | 295 | 148 | 67.1 |
| 60" x 96" | 152 x 244 | 113" | 287 | 120¾" | 307 | 145 | 65.8 |
| 65" x 104" | 165 x 264 | 123" | 312 | 129¼" | 328 | 150 | 68 |
| 69" x 110" | 175 x 279 | 130" | 330 | 135¾" | 345 | 157 | 71.2 |
| 72½" x 116" | 184 x 295 | 137" | 348 | 142¼" | 361 | 170 | 77.1 |
| 87" x 139" | 221 x 353 | 164" | 417 | 163¼" | 415 | 188 | 85.3 |
| 100" x 160" | 254 x 406 | 189" | 480 | 185¼" | 471 | 203 | 92.1 |

## Video (NTSC 4:3) Format Dimensions

| Viewing Area (H x W) | | Nominal Diagonal | | Overall Length of Case* | | Approx. Ship. Wt. | |
|---|---|---|---|---|---|---|---|
| In. | 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 |

*Case length does not include flange

## PRODUCT NOTES

- **All screens standard with 12" black drop at the top.** Extra drop may alter case dimensions. Contact Da-Lite for details.
- Overall case length dimensions +/- ¼" (6mm).
- Detail dimensional drawings, wiring diagrams and installation instructions available upon request.
- Specifications subject to change without notice.
- Custom formats and sizes available upon request.

## SURFACE INFORMATION

- All surfaces will be seamless.
- All viewing surfaces are standard with black backing except Da-Tex® and Dual Vision.
- High Contrast Cinema Perf and HD Progressive 1.1 Perf available in sizes up to 87" x 116" in Video Format and 78" x 139" in HDTV Format.

## WHEN ORDERING, MARK APPROPRIATE SELECTIONS

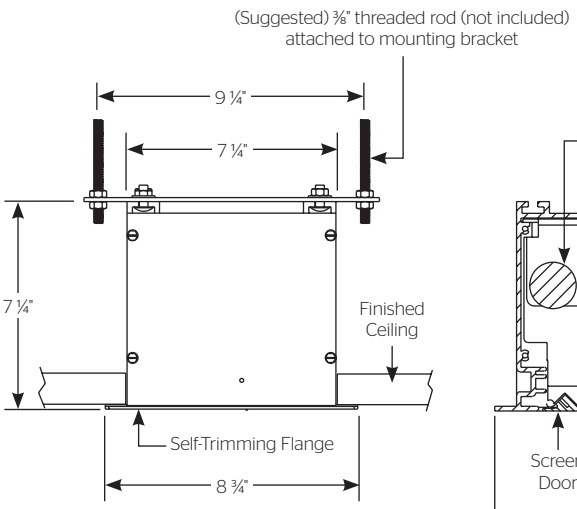
1. Select Size from Charts.
2. Select Viewing Surface (All Da-Lite surfaces are GREENGUARD GOLD Certified.)::

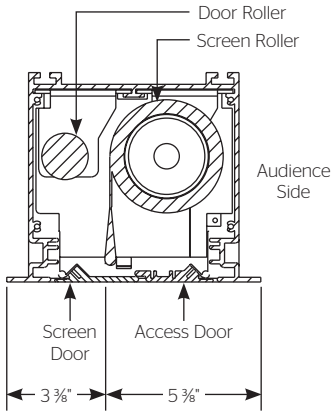
- ○ HD Progressive 0.6
- ○ HD Progressive 0.9
- ○ HD Progressive 1.1
- ○ HD Progressive 1.3
- ○ Da-Mat®
- ○ High Contrast Da-Mat®
- ○ Pearlescent
- ○ Cinema Vision
- ○ High Contrast Cinema Vision
- ○ High Contrast Cinema Perf
- ○ HD Progressive 1.1 Perf
- ○ Da-Tex®(Rear)
- ○ Dual Vision

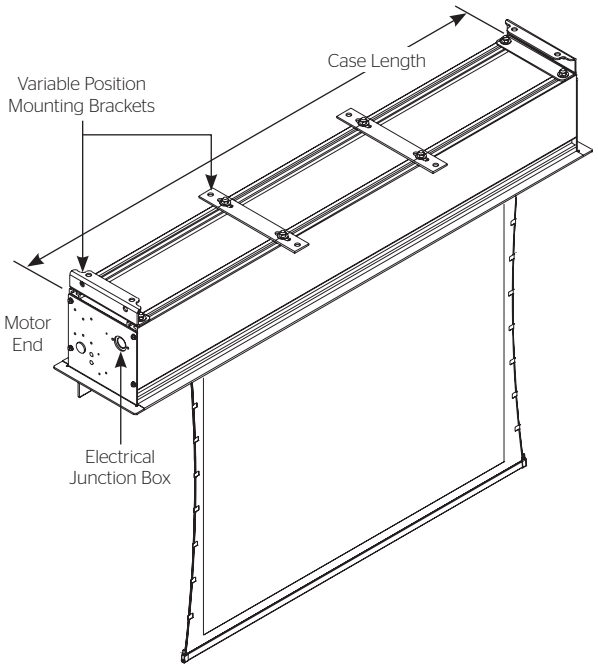
3. Select Optional Accessories:

- ☐ Wireless Remote Control for LVC.
  - ☐ Radio Frequency Remote.
    - ☐ Radio Frequency Range Extender available
  - ☐ Infrared Remote.
- ☐ Key Locking Cover Plate for LVC Switch.
- ☐ 220 Volt (50 Hz) Motor.
- ☐ Video Projector Interface Control – built-in
- ☐ 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

## SUGGESTED CEILING INSTALLATION




DA-LITE®

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In British Columbia, Milestone AV Technologies ULC carries on business as MAVT Milestone AV Technologies ULC.

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Project Name: _____

Architect: _____

Contractor: _____ Phone: _____

Reseller: _____ Phone: _____