

# AeroLift 35

Ceiling-Recessed Projector Lift with a 35 lb. (16kg) Lifting Capacity



## SUBMITTAL TECHNICAL INFORMATION

Please check all appropriate selections and attach room schedule with verified dimensions.

AeroLift 35 is approved to UL 2442 and CSA C22.2 No. 60065-03.

### Specifications

#### AEROLIFT 35

**AEROLIFT 35 VIDEO PROJECTOR LIFTS.** Maximum capacity 35 lbs. (including projector, projector bracket, closure and ceiling material attached to closure). Electrically operated 110-120V, 60 Hz. 3-wire motor, instantly reversible, lifetime lubricated, with internal thermal overload protector and brake. UL approved motor. Designed to be ceiling recessed or surface mounted to fit within a standard 2" x 10" beam, 16" on center, ceiling joist pocket. Lift to have scissor arm for stabilization. Factory set limit switches automatically stop travel at open and closed positions. Three-position, 110-120V switch to stop or reverse cycle at any point. Maximum vertical drop to be 20". Net weight 20 lbs.

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#### Select Powder Coat Finish

- White (Standard)     Black (Optional)
- Trim Ring Only (Standard)
- Entire Environmental Air Space Housing (Optional)

#### Select Optional Accessories (drawings on pages 2 & 3)

- Optional Ceiling Access Door:**  
Allows access above finished ceiling (highly recommended).
- White Painted Finish     Accepts Ceiling Tile
- 
- Optional Environmental Air Space Housing:**     Small     Large  
Optional Ceiling Closure Panel not included
- 
- Optional Ceiling Closure Panel:**     Small     Large  
Pairs with Environmental Air Space Housing.
- 
- Optional Ceiling Finish Kit:**     Small     Large  
Ceiling Closure Panel and Trim Kit used to finish ceiling opening when no Environmental Air Space Housing is needed.
- 
- Optional Universal Projector Mount** (max. load 26 lbs).
- 
- Optional Video Conferencing Camera Adapter Bracket**
- Small (9" w. x 7½" h. x 7½" d.)     Large (12" w. x 9" h. x 9" d.)
- Custom for oversize or dual cameras

#### Select Control Options:

**Please Note: This Draper motorized lift comes with one 110V-120V AC 3-position wall switch (silver wall plate with black rocker).**

\_\_\_\_\_ **Total number of 110-120V AC switches** (switches operate independently)

- Substitute white switch(es) for silver wall plate with black rocker
- Optional Lift Low Voltage Control Module**
- 24 Volt 3-Button Switch    How many switches? \_\_\_\_\_
- Radio Frequency Remote Control (only with 24V)
- Infrared Remote Control (only with 24V)
- Optional Key Operated Switch**
- Power Supply Key Switch (On-off)
- 3-Position Key Control
- 3-Position Switch with Hinged Key-Locking Coverplate
- Optional Video Interface Control**
- VIC-115     Override Switch
- VIC-12     Override Switch
- VIC-6     Override Switch

#### OPTIONS

**OPTIONAL ENVIRONMENTAL AIR SPACE HOUSING:** Aluminum and steel, for use in environmental air space. Choose from two sizes: [SMALL (14<sup>9</sup>/<sub>16</sub>" x 23<sup>7</sup>/<sub>8</sub>") Net weight 95½ lbs] and [LARGE (23½" x 23½") Net weight 139 lbs]. Includes trim ring for ceiling opening.

**CEILING CLOSURE PANEL:** Finished in white baked textured powder coat, shall descend smoothly with projector. Choose from two sizes: Choose from two sizes (trim edge to trim edge): [SMALL (15<sup>5</sup>/<sub>8</sub>" x 25")]; weight 7.5 lbs;] and [LARGE (25" x 25"); closure & angle brackets weigh 10 lbs.

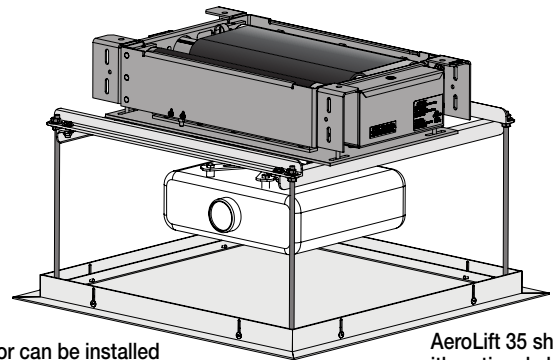
**CEILING FINISH KIT:** Finished white. Trims ceiling opening when required. Choose from two sizes: [SMALL] and [LARGE]. Consists of trim ring and closure panel. Ceiling access door provides ceiling access when unit is installed above hard ceiling and access to projector is not convenient.

**OPTIONAL UNIVERSAL PROJECTOR MOUNT:** Fits most projectors up to 26 lbs. Tilt, yaw and pan adjustment.

**OPTIONAL VIDEO CONFERENCING CAMERA ADAPTER BRACKET:** Enables installation of a video conferencing camera in AeroLift 35. Available in two sizes (Dimensions SMALL 7½" x 9" x 7½" or LARGE 9" x 12" x 9"). Special brackets available for oversize or dual camera installation.

**PLEASE NOTE:** The AeroLift 35 should be specified in conjunction with a Draper video format motorized screen. Specifications subject to change without notice.

Patent information available at <http://www.draperinc.com/legal/patents/>  
Downloadable 3-part specifications are available at [www.draperinc.com](http://www.draperinc.com).  
Please note: Dimensions of rollers, operators and hardware at manufacturer's discretion.



Projector can be installed as shown or turned 90° depending on projector size.

AeroLift 35 shown with optional closure.

Dimensions & Data	Small Closure	Large Closure
Height of lift in closed position <sup>1</sup>	4 <sup>13</sup> / <sub>16</sub> "	4 <sup>13</sup> / <sub>16</sub> "
Maximum Overall lift dimensions (WxL)	12½" x 22¼"	12½" x 22¼"
Ceiling opening (with closure)	23½" x 14 <sup>3</sup> / <sub>8</sub> "	23½" x 23½"
Optional Env. Air Space Housing (WxL) <sup>2</sup>	23 <sup>7</sup> / <sub>8</sub> " x 14 <sup>9</sup> / <sub>16</sub> "	23 <sup>7</sup> / <sub>8</sub> " x 23 <sup>7</sup> / <sub>8</sub> "
Max. projector size (with closure) (WxL) <sup>3</sup>	8¾" x 18"	20" x 20"
Max. down travel	24½"	24½"
Approx. travel time to lowest position	14 sec.	14 sec.
Total Capacity (lbs.) <sup>4</sup>	35	35
Net weight of lift (lbs.) <sup>5</sup>	20	20
Amperes	1.2	1.2

<sup>1</sup>Not including projector, mount or closure.

<sup>2</sup>Maximum Env. Air Space Housing Height: 20<sup>5</sup>/<sub>8</sub>". Min. Env. Air Space Housing Height: 12<sup>5</sup>/<sub>8</sub>".

<sup>3</sup>Maximum Available Projector/Bracket Height (with Env. Air Space Housing): 15¾"

Minimum Available Projector/Bracket Height (with Env. Air Space Housing): 7¾"

<sup>4</sup>Small Closure weighs 7.5 lbs. Large Closure & Angle Brackets weigh 10 lbs.

<sup>5</sup>Unit Only: Does not include projector, mount, Env. Air Space Housing or closure.



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PROJECT: \_\_\_\_\_

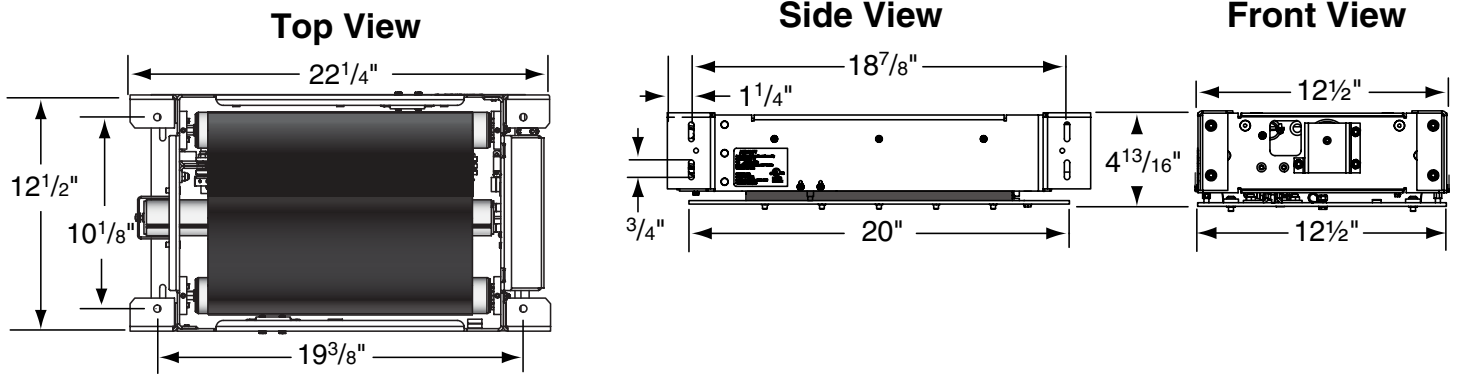
ARCHITECT: \_\_\_\_\_

CONTRACTOR: \_\_\_\_\_

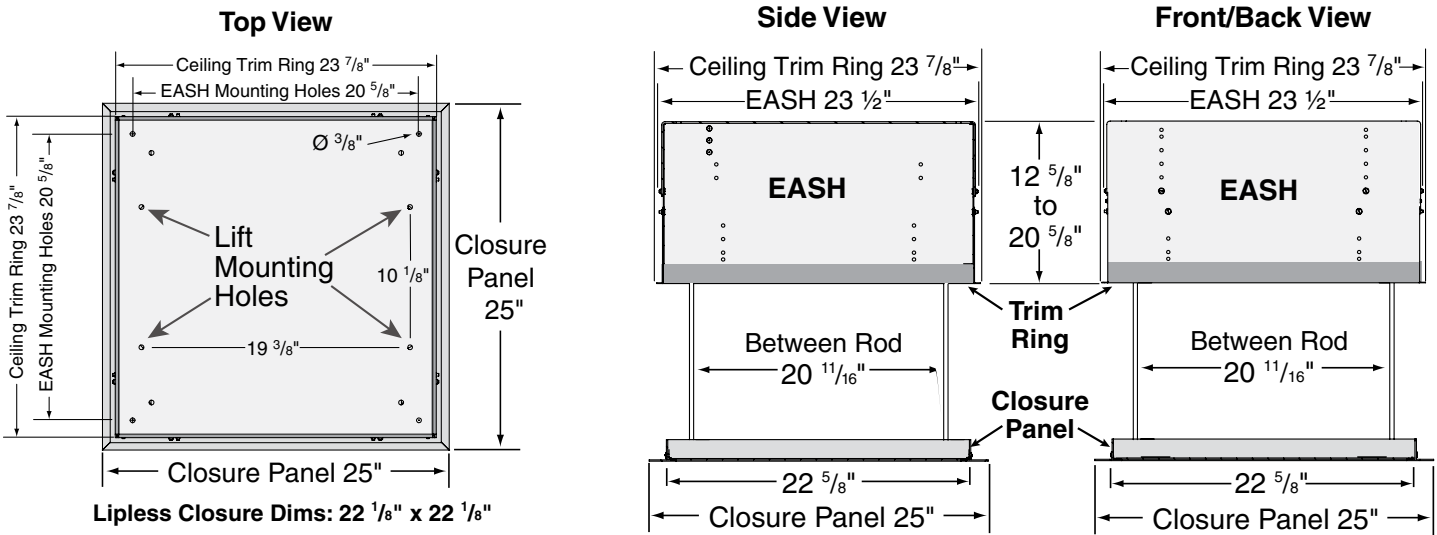
SUPPLIER: \_\_\_\_\_

DATE: \_\_\_\_\_ REVISED: \_\_\_\_\_

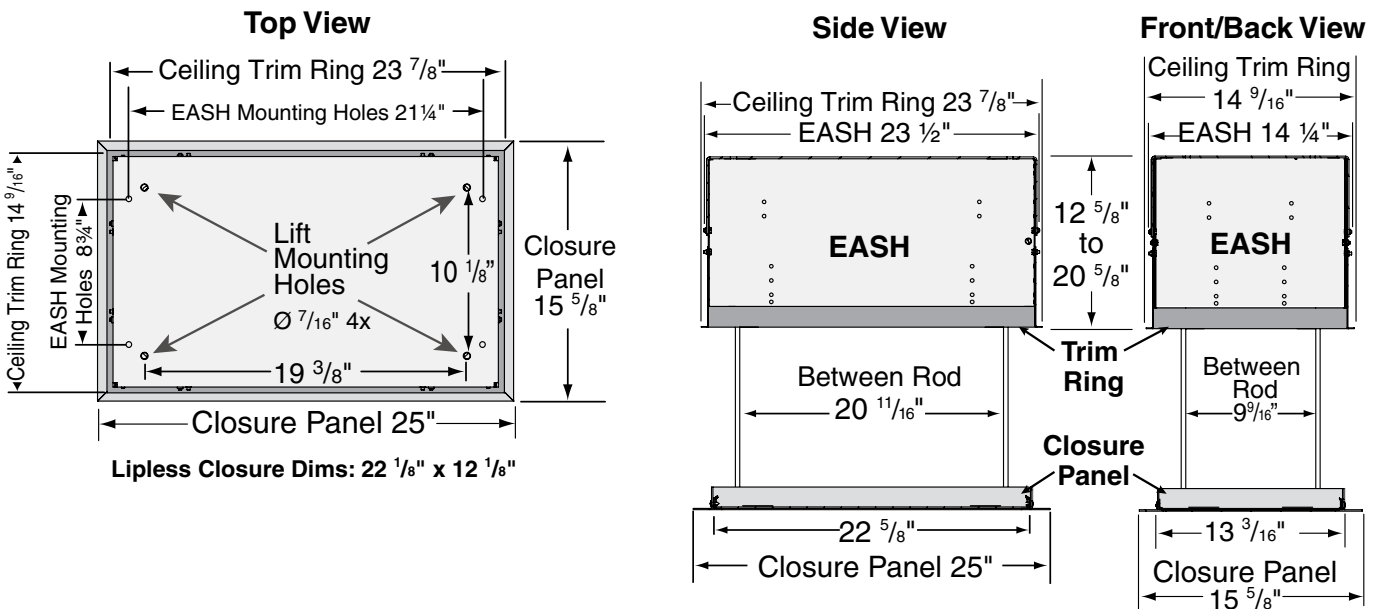
## AeroLift 35 Dimensions



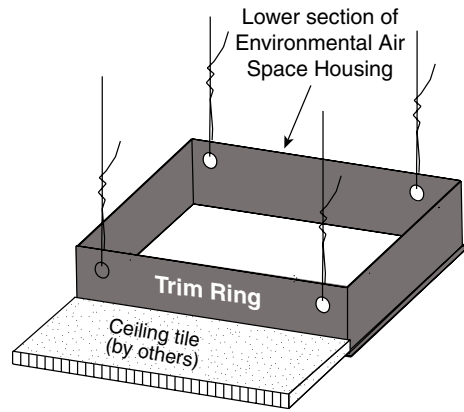
## Dimensions - AeroLift 35 with MPL Environmental Air Space and Closure



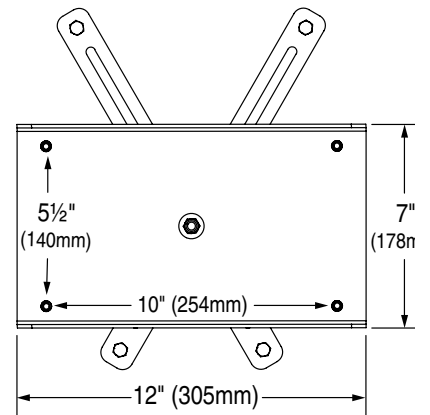
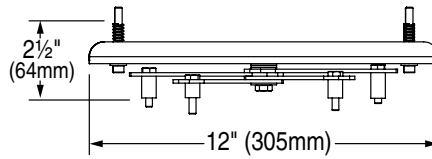
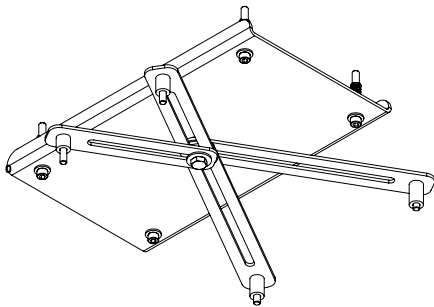
## Dimensions - AeroLift 35 with Small Environmental Air Space and Closure



**Ceiling Finish Trim Kit**  
*(includes Closure Panel - for use WITHOUT Environmental Air Space Housing)*



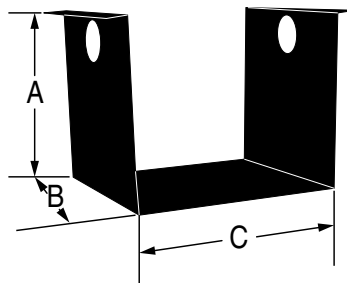
**Optional Universal Projector Mount**



**Optional Video Conferencing Camera Adapter**

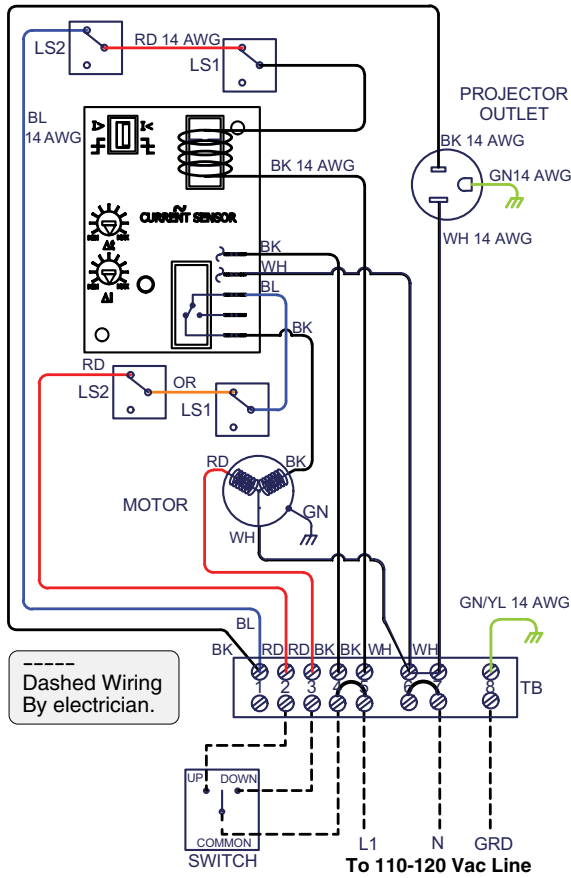
**Available Sizes:**

	A	B	C
Small	7 1/2"	7 1/2"	9"
Large	9"	9"	12"

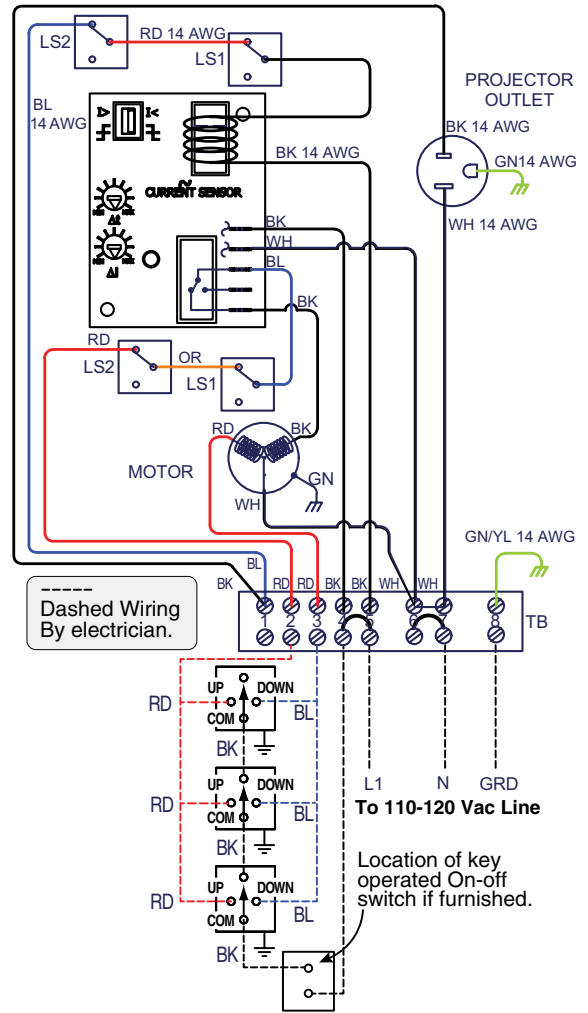


## Wiring Diagrams

### Single Station Control



### Optional Multiple Station Control



### LVC-IV - Low Voltage Controller

