

# Micro Projector Lift

Ceiling-recessed projector lift with a 35 lb (16kg) lifting capacity

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

## Specifications

**QUANTITY:** \_\_\_\_\_ **SIZE:** \_\_\_\_\_ h. x \_\_\_\_\_ w.

Maximum capacity 35 lb. (35kg). Grey baked powder coat finish. Projector bolts to operating pan or mounts to pan with optional SMS Low Profile Mount. Electrically operated 110-120V AC, 60 Hz 3-wire motor, instantly reversible, lifetime lubricated, with internal thermal overload protector and electric brake. Draws 1.2 Amp. Preset, accessible limit switches to adjust up and down stopping positions.

Projector to be suspended from a 2 3/4" x 20" x 20" x 1/8" (70mm x 508mm x 508mm x 3mm) thick aluminum pan, which is stabilized by 3 sets of scissors and operated by two, 1" (25mm) wide Kevlar belts. Lift equipped with scissors on the left, right, and rear. Scissor arms of nylon reinforced with long glass fibers. Scissor folding mechanism designed for tight stacking, with closed height not to exceed 5" (127mm) (not including projector, projector mount/bracket or ceiling closure). Also equipped with fail-safe inertial safety belt system and Cable Management System for projector power cord. Ceiling closure panel, finished in white baked enamel or recessed to accept ceiling tile, descends smoothly with projector. When required, Trim Kit available to finish ceiling edges. Entire unit certified by Underwriters' Laboratories for the U.S. and Canada.

### OPTIONS

**OPTIONAL ENVIRONMENTAL AIR SPACE HOUSING:** Aluminum and steel, for use in environmental air space. Includes trim ring for ceiling opening.

#### FACTORY INSTALLED CABLES AVAILABLE

**CEILING CLOSURE PANEL:** Finished in white baked textured powder coat, panel descends smoothly with projector. Dimensions (trim edge to trim edge): 25" x 25" (63.5cm x 63.5cm); weight 7.5 lb. (3.4kg). Closure + angle brackets weigh 10 lb. (4.5kg).

**CEILING FINISH KIT:** Finished white. Trims ceiling opening when required. Choose from two sizes: **SMALL** and **LARGE**. Consists of trim ring and closure panel.

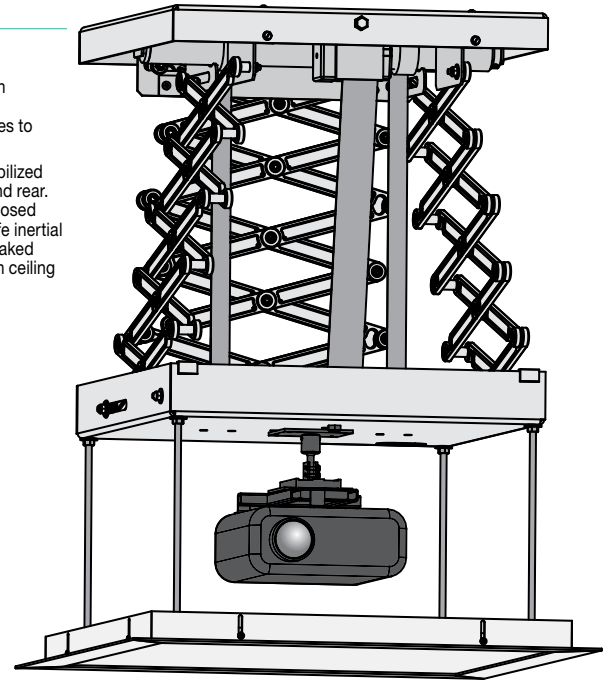
**CEILING ACCESS DOOR** provides ceiling access when unit is installed above hard ceiling and access to projector is not convenient. To be finished by ceiling contractor to match ceiling.

**OPTIONAL UNIVERSAL PROJECTOR MOUNT:** Fits most projectors up to 26 lb. (12kg). Tilt, yaw, and pan adjustment.

**OPTIONAL VIDEO CONFERENCING CAMERA ADAPTER BRACKET:** Enables installation of a video conferencing camera in MPL. Available in two sizes:

**SMALL:** 7 1/2" x 7 1/2" x 9" (191mm x 191mm x 229mm) and **LARGE:** 9" x 9" x 12" (229mm x 229mm x 305mm)  
Special brackets available for oversize or dual camera installation.

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



Specifications subject to change without notice. Entire unit certified by Underwriters' Laboratories, Inc. for the U.S. and Canada. Plenum rated case (UL approved "Suitable for Use in Environmental Air Space").

Downloadable 3-part specifications: available at [www.draperinc.com](http://www.draperinc.com)

**Please note:** Dimensions of rollers, operators, and hardware at manufacturer's discretion.

Patent information: available at [www.draperinc.com/legal/patents](http://www.draperinc.com/legal/patents)

## Dimensions and Data

Height of lift in closed position <sup>1</sup>	5" (127mm)
Maximum Overall lift dimensions (WxL)	21" x 20 3/4" (533mm x 527mm)
Ceiling opening (with closure)	23 1/2" x 23 1/2" (597mm x 597mm)
Optional Env. Air Space Housing (WxL) <sup>2</sup>	23 1/2" x 23 1/2" (597mm x 597mm)
Max. projector size (with closure) (WxL) <sup>3</sup>	20" x 20" (508mm x 508mm)
Max. down travel	48" (1.22m)
Approx. travel time to lowest position	27 sec.
Total Capacity (lb.) <sup>4</sup>	35 (16kg)
Net weight of lift (lb.) <sup>4</sup>	35 (16kg)
Amperes	1.2

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

<sup>2</sup> Max. Env. Air Space Height: 20 3/8" (52.4cm). Min. Env. Air Space Height: 12 3/8" (32.1cm).

<sup>3</sup> Max. Available Projector/Bracket Height (with Env. Air Space Housing): 13 1/2" (34.3cm).

Min. Available Projector/Bracket Height (with Env. Air Space Housing): 5 1/2" (14cm).

<sup>4</sup> Does not include any load placed on Lift's pre-wired power cable.

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

- Ceiling Access Door**  
(Allows access above finished ceiling. Highly recommended.)
  - White Painted Finish
  - Accepts Ceiling Tile
- Environmental Air Space Housing**  
(Ceiling Closure Panel not included.)
- Ceiling Closure Panel**  
(Pairs with Environmental Air Space Housing.)
- Ceiling Finish Kit**  
(Ceiling Closure Panel and Trim Kit used to finish ceiling opening when no Environmental Air Space Housing is needed.)
- Universal Projector Mount** (max. load 26 lb. (12kg).
- Video Conferencing Camera Adapter Bracket**
  - Small (9"w x 7 1/2"h x 7 1/2"d) (229mm x 191mm x 191mm)
  - Large (12"w x 9"h x 9"d) (305mm x 229mm x 229mm)
  - Custom for oversize or dual cameras



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

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

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

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

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

## Factory installed cables for Video and Projector Control

**Please Note:** Cables are Optional, not plenum rated, and are unshielded

- Yes
- No

## Connector Types

(Inputs to Projector and Outputs at top of Lift)

- BNC Qty.: \_\_\_\_\_
- RCA Qty.: \_\_\_\_\_
- RS232 (DB9) Qty.: \_\_\_\_\_
- HDMI Qty.: \_\_\_\_\_
- 15 Pin HD Qty.: \_\_\_\_\_
- S-Video Qty.: \_\_\_\_\_
- Cat 6 Qty.: \_\_\_\_\_

**Please Note:** There is a limit of four (4) cables, plus power cord, per Micro Projector Lift.

## Select Voltage

- 110-120V
- 220-230V

## Will this unit be controlled by other equipment?

- No
- Yes  
What kind of equipment? \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

## Select Control Options:

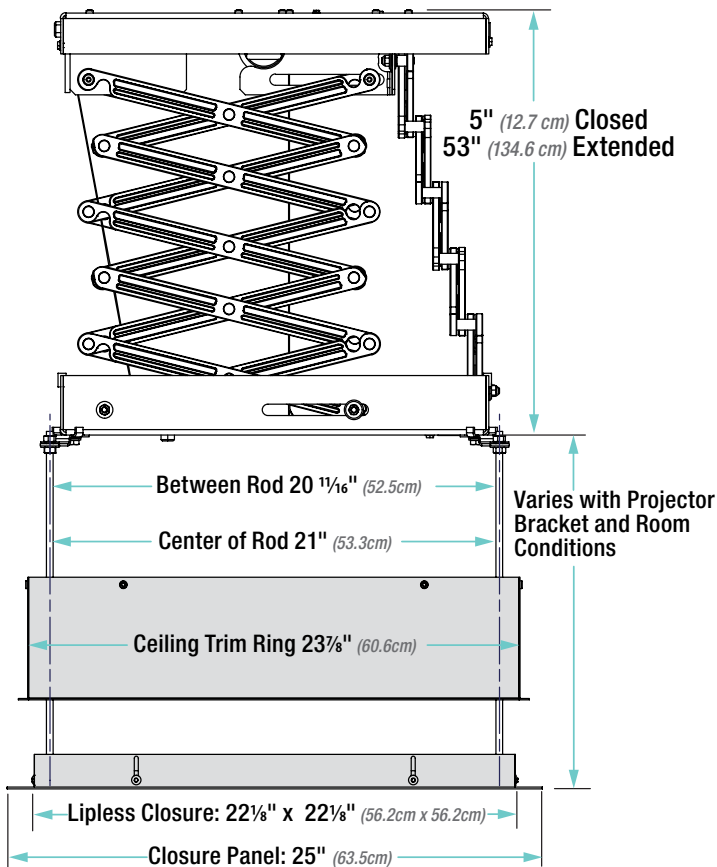
**Please Note:** This Draper motorized lift comes with one 110V-120V AC 3-position wall switch (silver wall plate with black rocker). External LVC-IV is available to use with this lift

- Optional 110-120V AC switch**
  - Substitute white switch for silver wall plate with black rocker
- Optional Lift Low-Voltage Control Module**
  - 24 Volt 3-Button Switch Qty: \_\_\_\_\_
  - 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

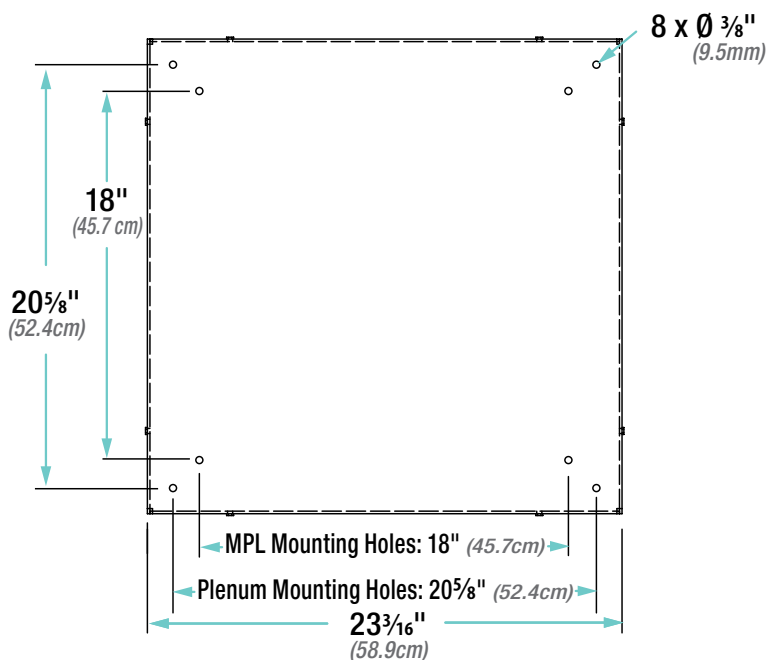
## Dimensions

**LIPLESS CLOSURE OPTION:** Available by removing the Trim Flange from the Closure Panel. A substrate material (ceiling tile, gypsum board, etc.) can be attached directly to the Closure Panel using adhesive, double-sided tape, or screws.

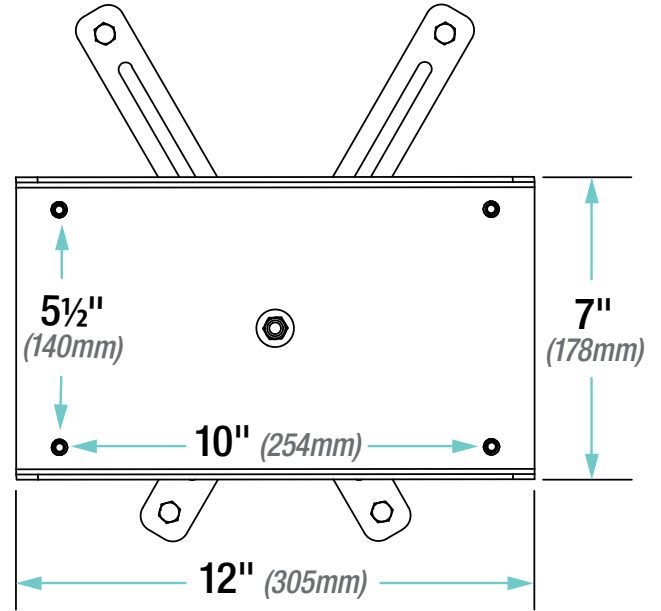
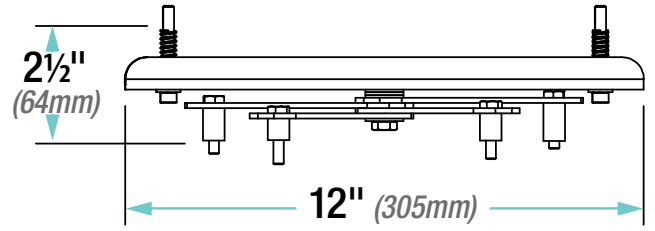
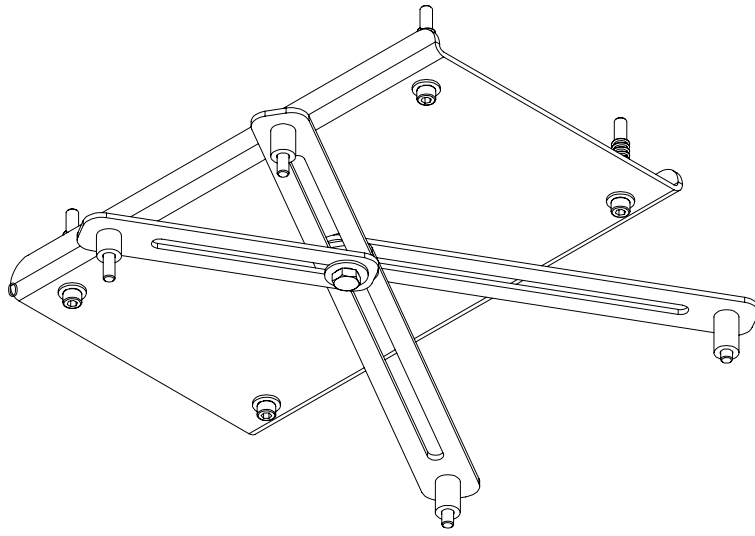
**PLEASE NOTE:** Make sure the added weight of the substrate does not exceed the stated weight capacity of the lift. Substrate should be installed so that it is centered within the finished opening in the ceiling, with a gap of **AT LEAST 3/16" (4.8mm)** around all edges.



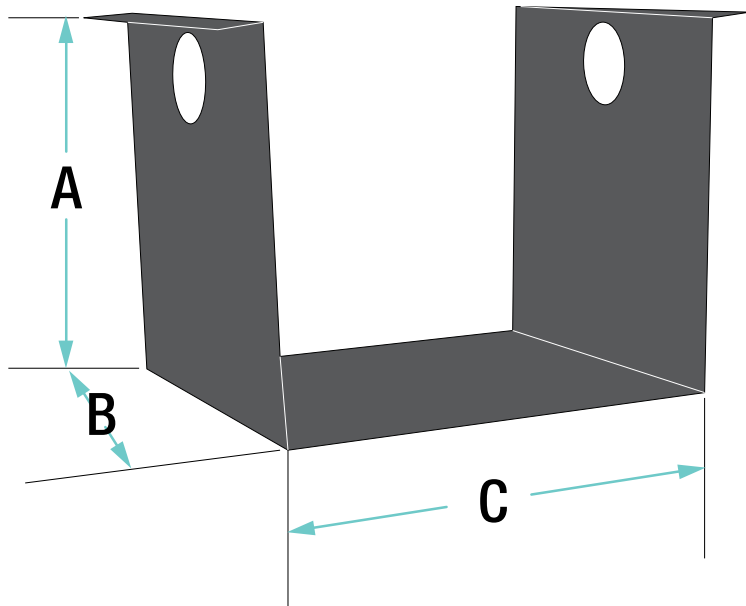
## Micro Projector Lift Hole Spacing



## Optional Universal Projector Mount



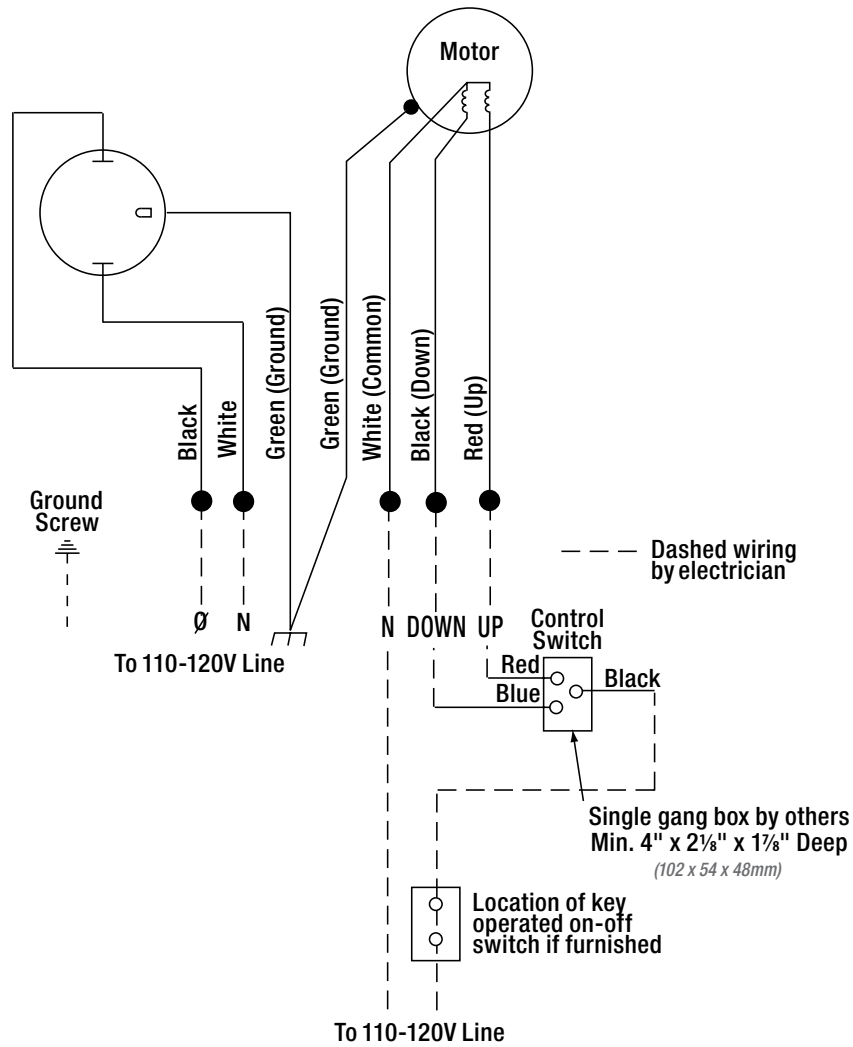
## Optional Video Conferencing Camera Adapter



### Available Sizes

	A	B	C
<b>Small</b>	7 1/2" (191mm)	7 1/2" (191mm)	9" (229mm)
<b>Large</b>	9" (229mm)	9" (229mm)	12" (305mm)

## Micro Projector Lift Wiring Diagram—Single Unit



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

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

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

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

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