

Micro Projector Lift

by 

Submittal/Planning Sheet

Planning sheet submission required with your order or request for quotation. Please mark appropriate response to each numbered item (front and back).

① Select Optional Accessories

- Optional Ceiling Access Door (2 x 2) to allow access above finished ceiling (highly recommended)
 - White Painted Finish Accepts Ceiling Tile
- Optional SMS Low Profile Mount with Universal Projector Bracket
 If you selected the SMS Low Profile Mount please provide the following Projector information (supplied by others)
 Manufacturer _____ Model _____ Projector Size H x W x L: _____
- Optional Environmental Air Space Housing: Optional ceiling closure panel not included.
- Optional ceiling closure panel.
- Optional ceiling finish kit (includes ceiling closure panel and mating trim ring).

② Do you want the optional factory installed cables for RGB, Video and Control? Yes No

What type of connectors do you need on **Inputs (to Projector)?***

- BNC How Many? _____
- 15 Pin HD How Many? _____
- RCA How Many? _____
- S-Video How Many? _____
- RS232 (DB9) How Many? _____
- Cat 5 How Many? _____

What type of connectors do you need on **Outputs (to Lift)?***

- BNC How Many? _____
- 15 Pin HD How Many? _____
- RCA How Many? _____
- S-Video How Many? _____
- RS232 (DB9) How Many? _____
- Cat 5 How Many? _____

* Please note: There is a limit of four (4) video, RGB and control cables per Micro Projector Lift

③ Select Voltage:

- 110-120V
- 220-230V

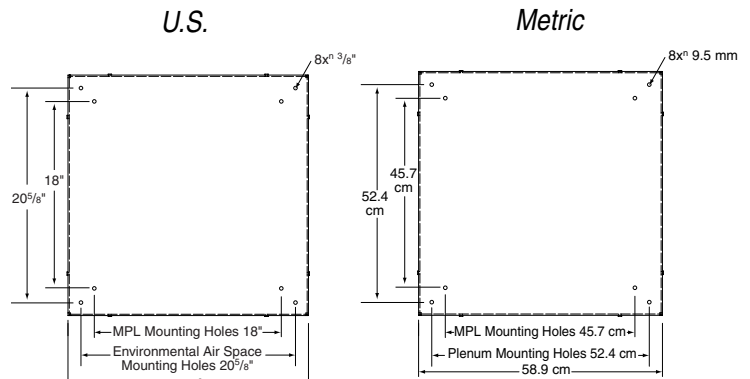
④ Please Note: This Draper motorized screen comes with one 110V-120V AC 3-position wall switch (silver wall plate with black rocker).

- ___ Total number of 110-120V AC switches (switches operate independently)
- Substitute white switch(es) for silver wall plate with black rocker
- Serial or Network Communication (Please see and complete a Serial and Network Screen and Lift Control Planning Sheet).
- Optional Low Voltage Control Module (LVC-III)
 - 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 (not compatible with LVC-III) Override Switch
 - VIC-12 (not compatible with LVC-III) Override Switch
 - VIC-6 (not compatible with LVC-III) Override Switch

⑤ Will this unit be controlled by other equipment?

- No.
- Yes. What kind of equipment? _____

MPL Hole Spacing




PROJECT: _____
ARCHITECT: _____
CONTRACTOR: _____
SUPPLIER: _____
DATE: _____ REVISED: _____

Specifications-Micro Projector Lift

video projector lifts, for projectors weighing up to 35 lbs. 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 2 $\frac{3}{4}$ " x 20" x 1 $\frac{1}{8}$ " thick aluminum pan, which is stabilized by 3 sets of scissors and operated by two, 1" 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" (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, shall descend smoothly with projector. Trim kit, when required, shall finish ceiling edges. Entire unit certified by Underwriters' Laboratories for the U.S. and Canada. U. S. Patent Nos. D395,909 and 6,637,711; other patents pending.

Options (select as needed):

Environmental Air Space housing of aluminum and steel for use in return air plenum.

Factory-installed control cables available.

SMS Low Profile Mount: Ceiling mount shall consist of a steel ball joint and Universal Projector Bracket. Mount shall be 2" long, and shall securely attach to lift with steel mounting plate (provided). Installer shall provide mounting hardware appropriate to ceiling conditions. Steel ball joint attaches to the Universal Projector Bracket with twist-lock engagement. Min. overall height of assembled unit shall be 4 $\frac{7}{8}$ ". Mount shall provide up to 30° roll or pitch adjustment and 360° yaw adjustment at ball joint. Two setscrews lock ball joint in position. Maximum load to be 26 lbs.

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.

Please Note: The Micro Projector Lift should be specified in conjunction with a Draper video format motorized screen.

Downloadable 3-part specifications are available at www.draperinc.com.

Dimensions/Diagrams

Dimensions & Data

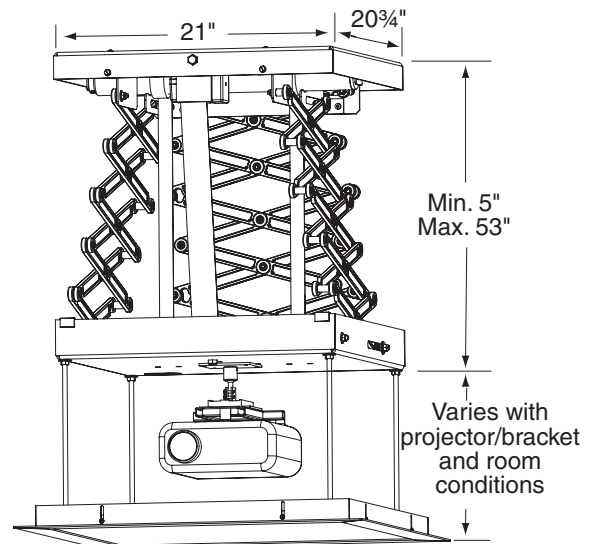
Micro Projector Lift	
Height of lift in closed position ¹	5"
Overall lift dimensions (WxL)	21" x 20 $\frac{3}{4}$ "
Ceiling opening	23 $\frac{1}{2}$ " x 23 $\frac{1}{2}$ "
Optional Env. Air Space Housing (wall to wall) ²	23 $\frac{1}{2}$ " x 23 $\frac{1}{2}$ "
Optional Env. Air Space Housing (trim edge to trim edge) ²	23 $\frac{7}{8}$ " x 23 $\frac{7}{8}$ "
Max. projector size (WxL) ³	20" x 20"
Max. down travel	4'
Approx. travel time to lowest position	27 sec.
Capacity (lbs.)	35
Capacity with SMS Low Profile (lbs.)	26
Net weight of lift (lbs.)	35
Amperes ⁴	1.2

¹ Not including projector, mount or closure. Optional SMS Low Profile Mount adds 4 $\frac{7}{8}$ " to height, including Universal Projector Bracket.

² Max. Env. Air Space Height: 20 $\frac{5}{8}$ ". Min. Env. Air Space Height: 12 $\frac{5}{8}$ ".

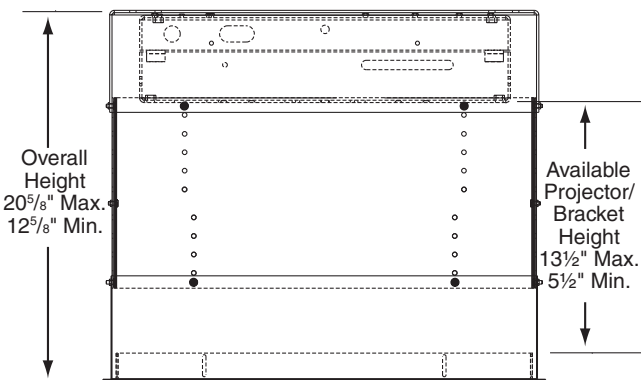
³ Max. Available Projector/Bracket Height (with Env. Air Space Housing): 13 $\frac{1}{2}$ ".
Min. Available Projector/Bracket Height (with Env. Air Space Housing): 5 $\frac{1}{2}$ ".

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

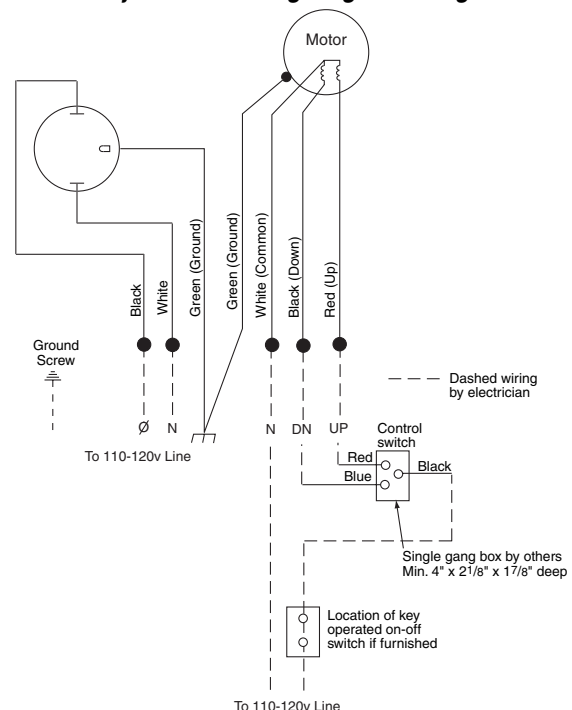
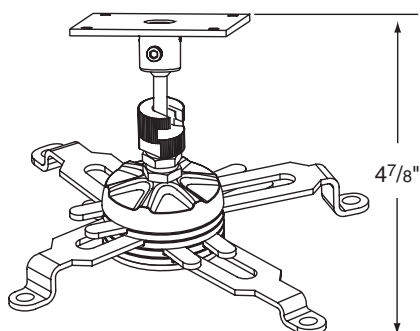


Micro Projector Lift Wiring Diagram—Single Unit*

Environmental Air Space Housing Available Space



SMS Low Profile Mount



*** For more information and wiring diagrams for low voltage multiple motors and network communication, please see Draper Screen and Lift Controls Planning Sheet, Draper Screens and Lift Controls Wiring Manual and wiring diagrams supplied with individual items.**