

# LCD Lift

Motorized Ceiling-Recessed  
LCD Projector Lift

by **DRAPER**

## Specifications—LCD Lift

\_\_\_\_\_ LCD projector lifts, Model (A/B), electrically operated 110-120V AC, 60 Hz, to accept projectors weighing up to 65 lbs. Motor is UL, CSA, and CE recognized, instantly reversible & lifetime lubricated. Draws .41 amp (LCD A) or .42 Amp (LCD B). Unit designed to be ceiling recessed, with aluminum panels formed to serve as both frame and enclosure, suitable for use in return air plenum. Ceiling closure to be sheet metal (doors/ceiling closure panel), finished in white baked textured powdercoat. Doors shall be hinged to open "bomb bay" style. Ceiling closure panel shall be attached to unit via threaded rods. Projector to be suspended from 11¼" x 18" (A)/16¼" x 18" (B) mounting plate of 1/8" thick aluminum attached by Z-brackets to internal aluminum tray operated by sprocket and ladder system. Factory set limit switches to automatically stop travel at open and closed positions. One 110-120V AC 60 Hz fused duplex outlet, automatically energized in the fully down position, to be mounted within the unit. (Option: Video and control cables to be factory installed inside unit.) Unit to be furnished with knockouts for cable passage. AC sensor to delay upward operation until projector's ventilation system has shut off. Three-position, 110-120V control switch (Option: two or more 24v switches and/or infrared remote transmitter and/or radio frequency remote transmitter) to stop or reverse cycle at any point.

**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 47/8". 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 access to projector and lift when unit is installed above hard ceiling. Metal finish or accepts ceiling tile.

## Please Check All Appropriate Selections

### Select Model:

- LCD Lift A  
 LCD Lift B

### Select Closure:

- "Bomb Bay" Doors  
 Ceiling Closure Panel

### Select Options:

- SMS Low Profile Mount with Universal Projector Bracket  
**If you are ordering an SMS Low Profile Mount with this unit, please specify projector manufacturer and model number:**

(If not available at time of order, it may be provided later.)

- Optional ceiling access door to allow access above finished ceilings.  
 Ceiling access door, white painted finish  
 Ceiling access door, accepts ceiling tile

### Select Controls:

**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)  
 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  
 Factory Installed Cables (see Planning Sheet)

## Dimensions & Data

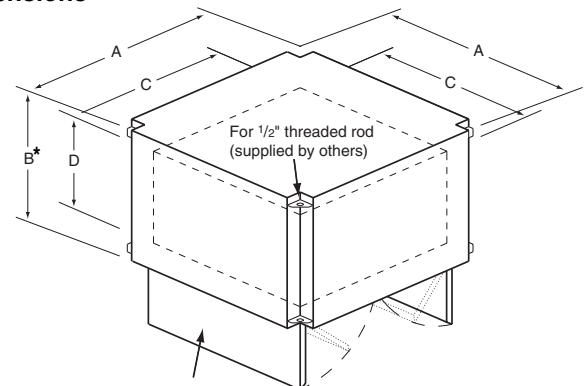
	LCD Lift A	LCD Lift B
Overall Unit Size (HWL) <sup>2</sup> :	17¾" x 24" x 24"	22¾" x 29" x 29"
Projector Space (HWL) <sup>1</sup> :	11" x 18" x 18"	16" x 23" x 23"
Required Space Above Ceiling <sup>2</sup> :	17¾"	22¾"
Clearance Below Ceiling:	12"	14½"
Ceiling Opening:	24½" x 24½"	29½" x 29½"
Capacity:	65 lbs.	65 lbs.
Shipping Weight:	95 lbs.	130 lbs.
Amperes <sup>3</sup> :	1	1
Downward Travel Distance:	11½"	16½"
Travel Time:	16 sec.	21 sec.

<sup>1</sup> Subtract 47/8" from available projector height if SMS Low Profile Mount with Universal Projector Bracket is specified.

<sup>2</sup> Add ¾" to height dimension if Ceiling Closure Panel is specified.

<sup>3</sup> Does not include any load placed on LCD Lift's internal switched outlets.

## Dimensions

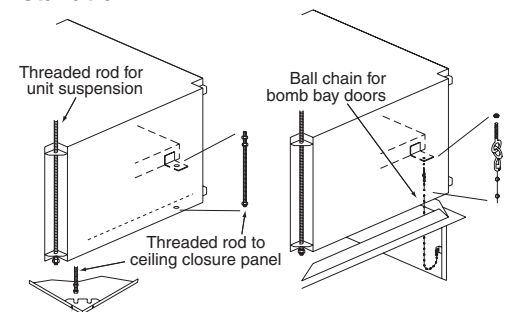


Bomb bay door assembly standard.  
Flat ceiling closure panel available.

	A	B*	C	D	Travel	Lift Capacity
LCD Lift A	24"	17¾"	18"	11"	11½"	65 lbs.
LCD Lift B	29"	22¾"	23"	16"	16½"	65 lbs.

\* Ceiling Closure Panel adds ¾" to this dimension

## Methods of Installation



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

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

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

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

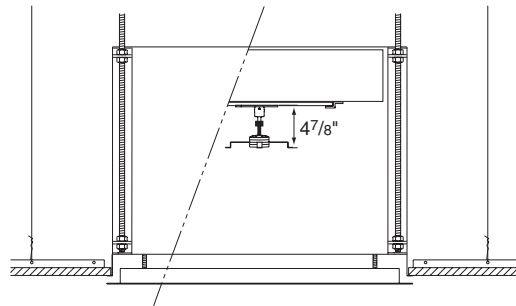
DATE: \_\_\_\_\_ REVISED: \_\_\_\_\_

**DRAPER**

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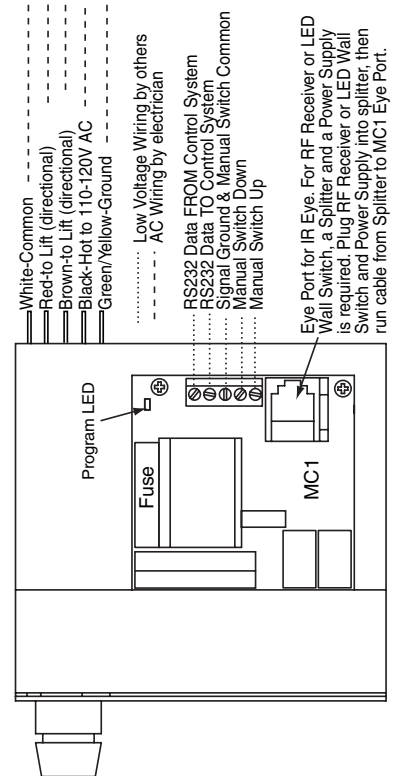
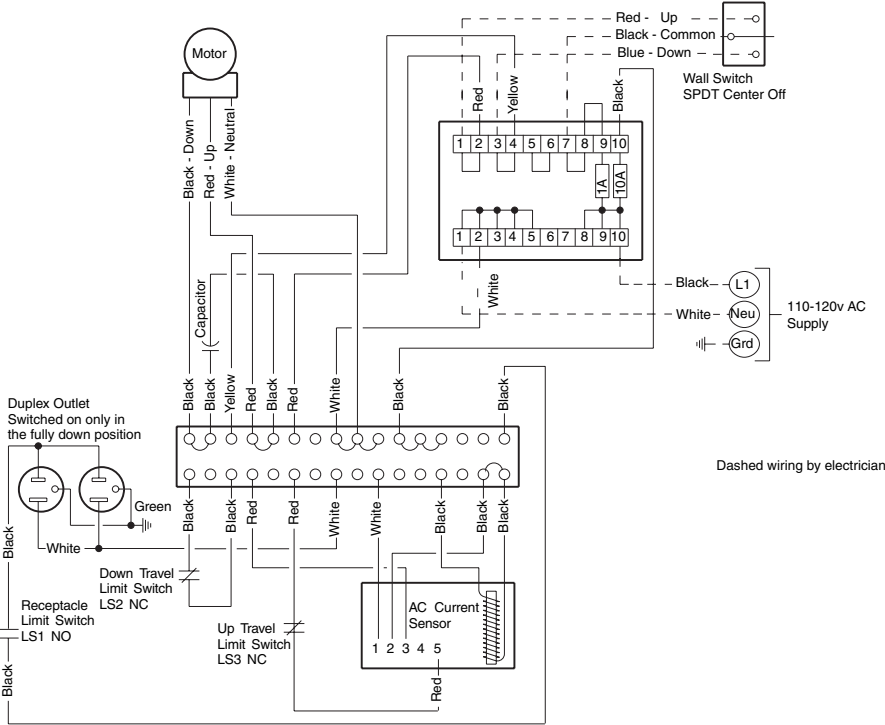
## LCD Lift with optional SMS Low Profile Lift Bracket



### Wiring Diagram—MC1

See separate Serial Communication-RS232 Instruction sheet for enabling RS232 with the MC1.

### Wiring Diagram—Single Station Control



### Wiring Diagram—Infrared and Radio Frequency Remote Control

