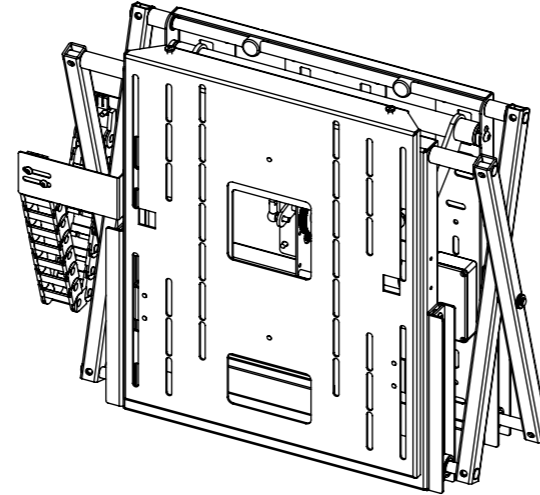
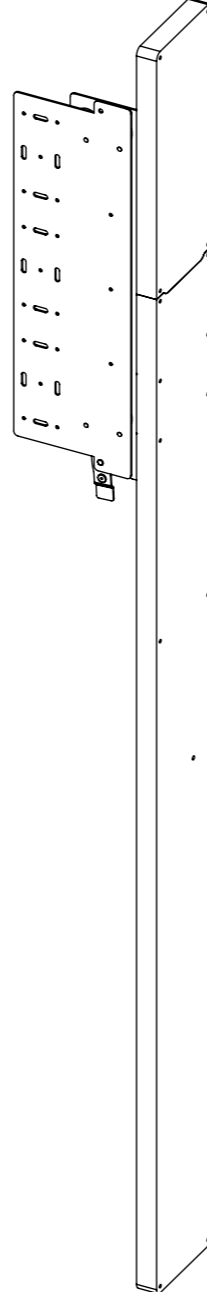
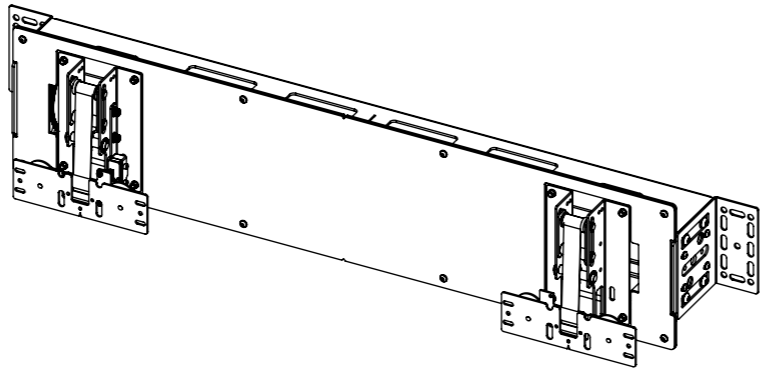
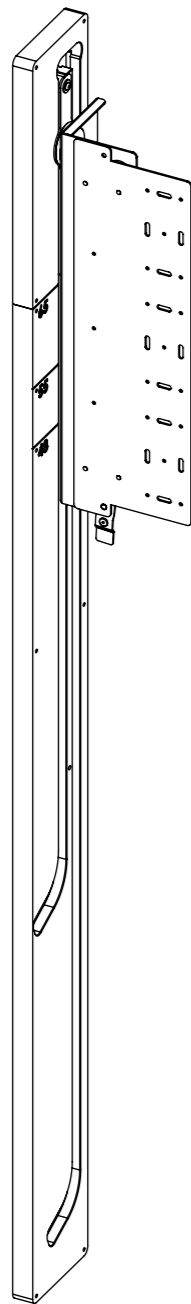


# RPS-SA

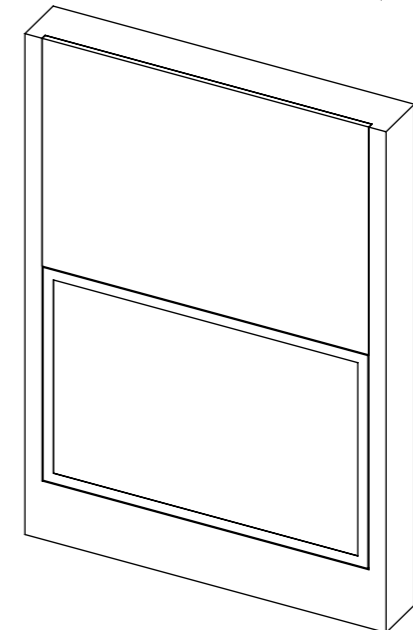
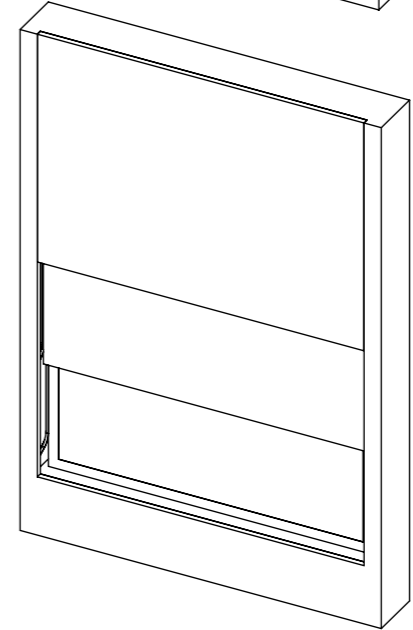
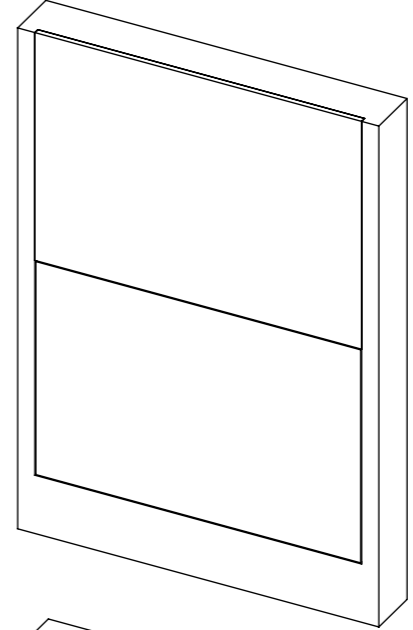
## RETRACTING PANEL SYSTEM & SCREEN ADVANCE



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Mechanism as supplied.



# RPS-SA

## RETRACTING PANEL SYSTEM & SCREEN ADVANCE

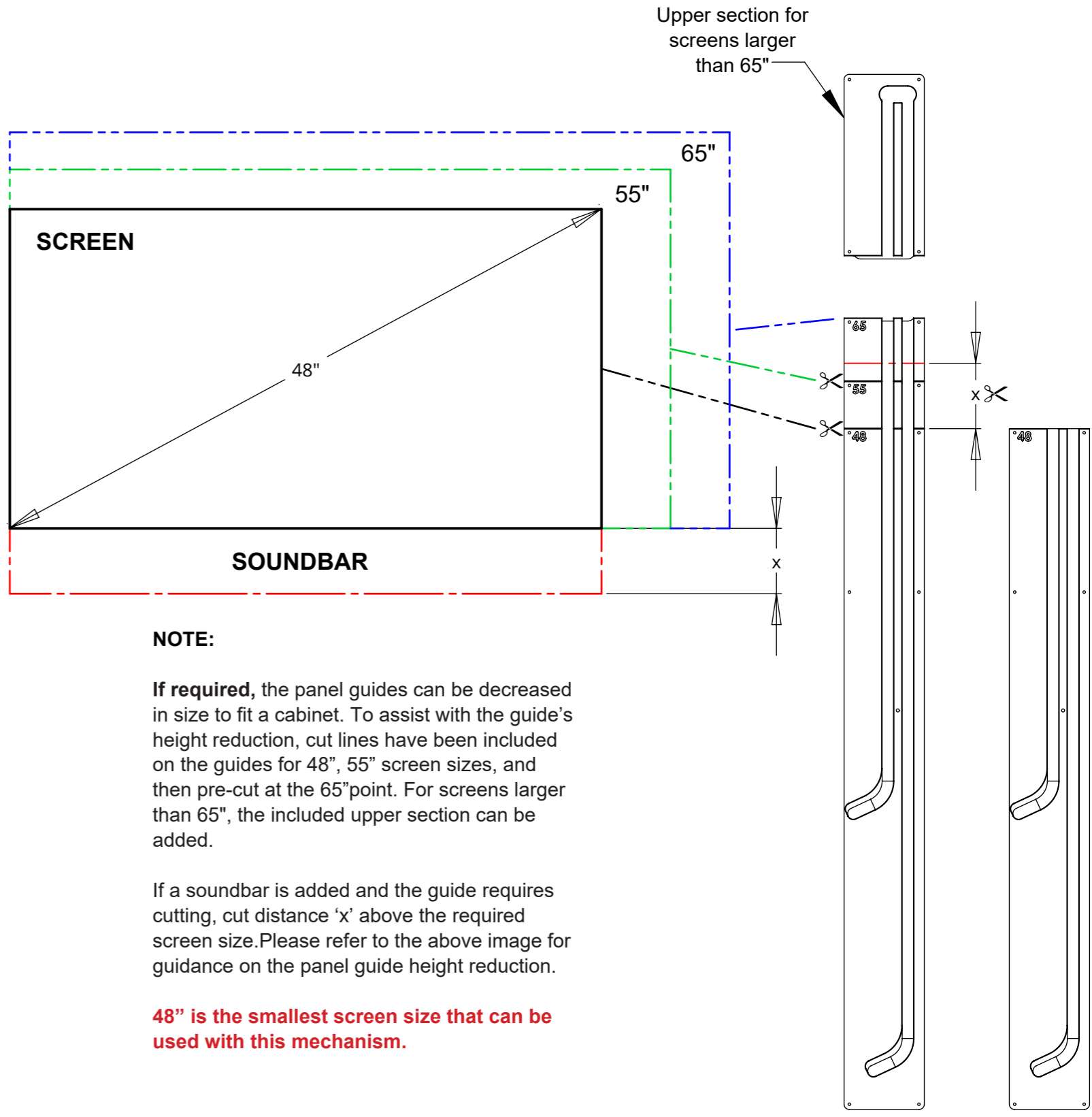
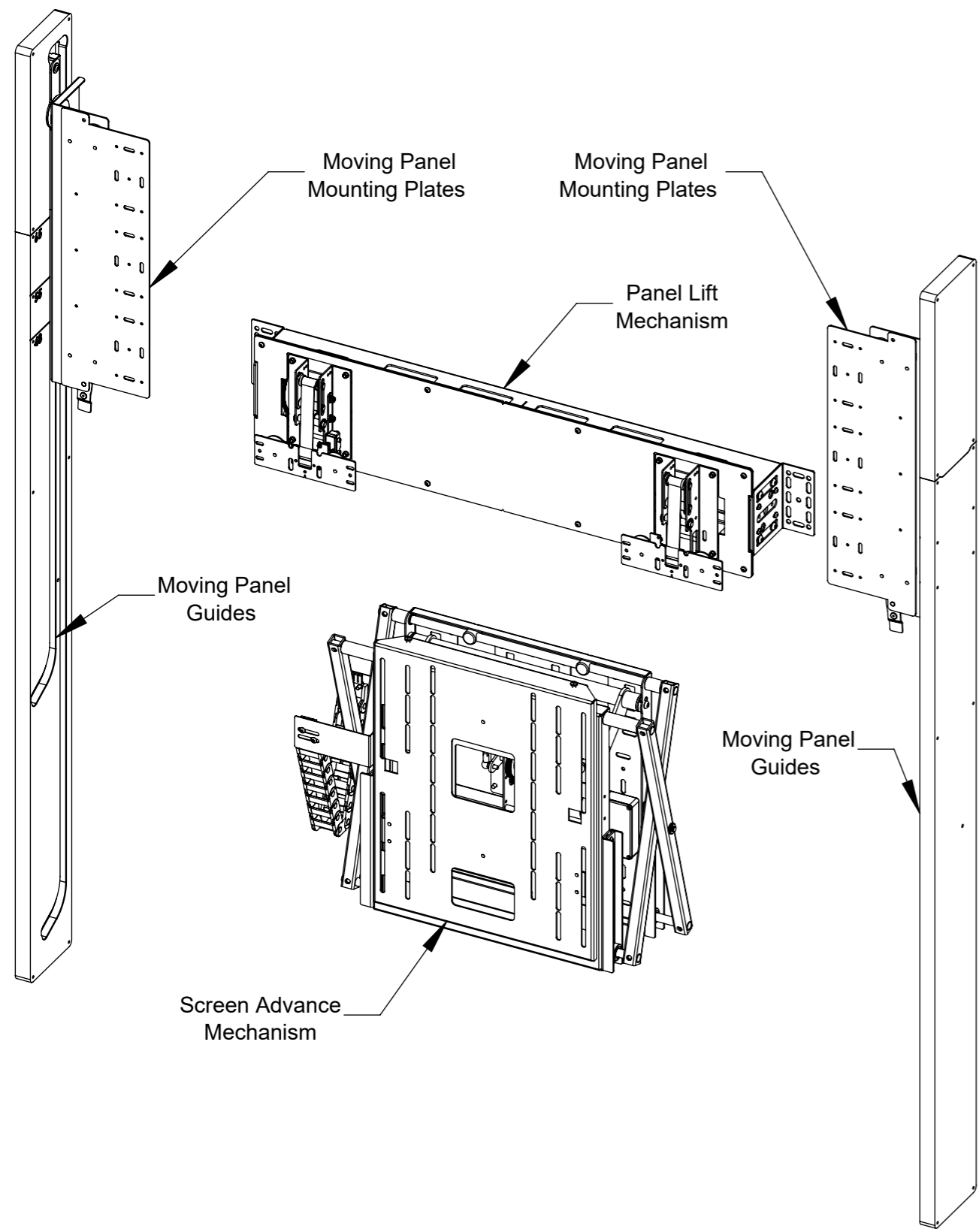


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SPECIFICATION	MEASUREMENTS
Maximum Screen Size	W: 1700mm (66 15/16") H: 1150 (45 1/4")
Maximum Weight Capacity (RPS)	15Kg (33lbs)
Maximum Weight Capacity (SA)	50Kg (110lbs)
Maximum Speed	75mm/s
Product Weight (RPS)	37Kg (82lbs)
Product Weight (SA)	28Kg (62lbs)
Packaging Dimensions (RPS)	W: 403 (15 7/8") H: 355 (13 31/32") L: 1693 (66 5/8")
Packaging Dimensions (SA)	W: 658 (25 7/8") H: 185(7 5/16") L: 760 (29 15/16")
Shipping Weight (RPS)	69Kg (152lbs)
Shipping Weight (SA)	35Kg (77lbs)
Movement Type	Motorised
Power Supply Required	110V - 240V AC
Power Consumption Max.	110W
Power Consumption Standby	3W
Mounting Patterns Supported	VESA 400, 300, 200 W x 400, 300, 200 H
Control Options	IR Remote, RS232, Contact Closure
Product Options / Features	Custom RAL paint finishes, RPS-QA, RPS-FB
Package Contents	Mechanism, IR remote control
Marine Suitable	No

## RETRACTING PANEL SYSTEM & SCREEN ADVANCE

### MECHANISM OVERVIEW



## RETRACTING PANEL SYSTEM & SCREEN ADVANCE

### CABINET DIMENSIONS

**IMPORTANT NOTES:**

- Cabinet depth = **Screen depth + 160mm (6 5/16")**. Minimum depth being **220mm (8 11/16")**.

- The distance from the rear of the lift mechanism to the internal front face of the cabinet must remain the same regardless of cabinet depth. This distance being **220mm (8 11/16")**, refer to view **"DEEP CABINET"**.

- A cabinet with an internal depth of **220mm (8 11/16")** will allow for a maximum screen depth of **60mm (2 3/8")**.

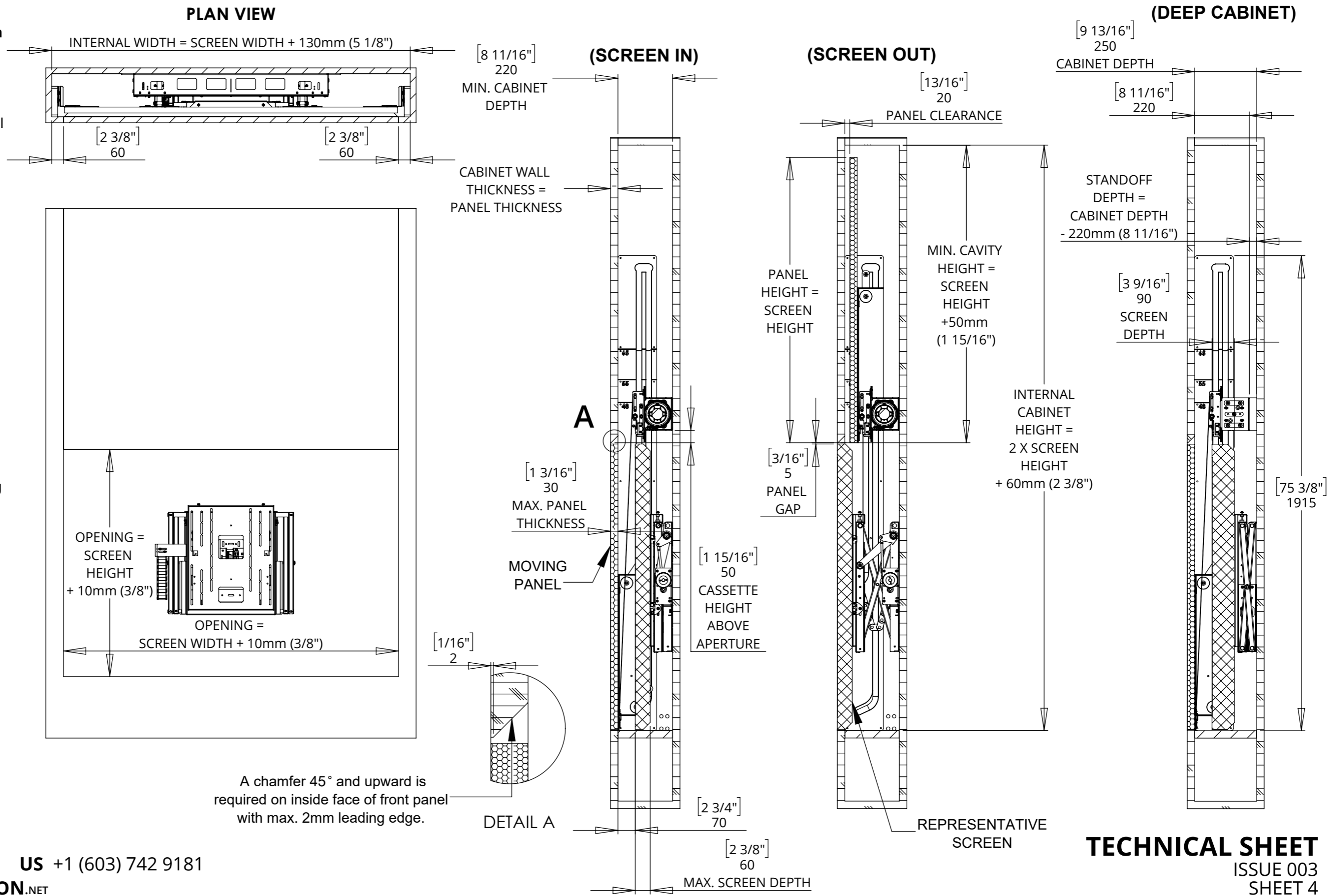
- Thinner screens do not allow the internal cabinet depth to decrease. **220mm (8 11/16")** is the minimum depth.

**CABINET PANEL NOTES:**

- The moving panel retracts **50mm (1 15/16")** before moving upward. It is advised to use a panel thickness of no more than **30mm (1 3/16")** to provide the **20mm (13/16")** clearance.

- Please also note that the moving panel thickness **MUST** be made from the same thickness material as the cabinet.

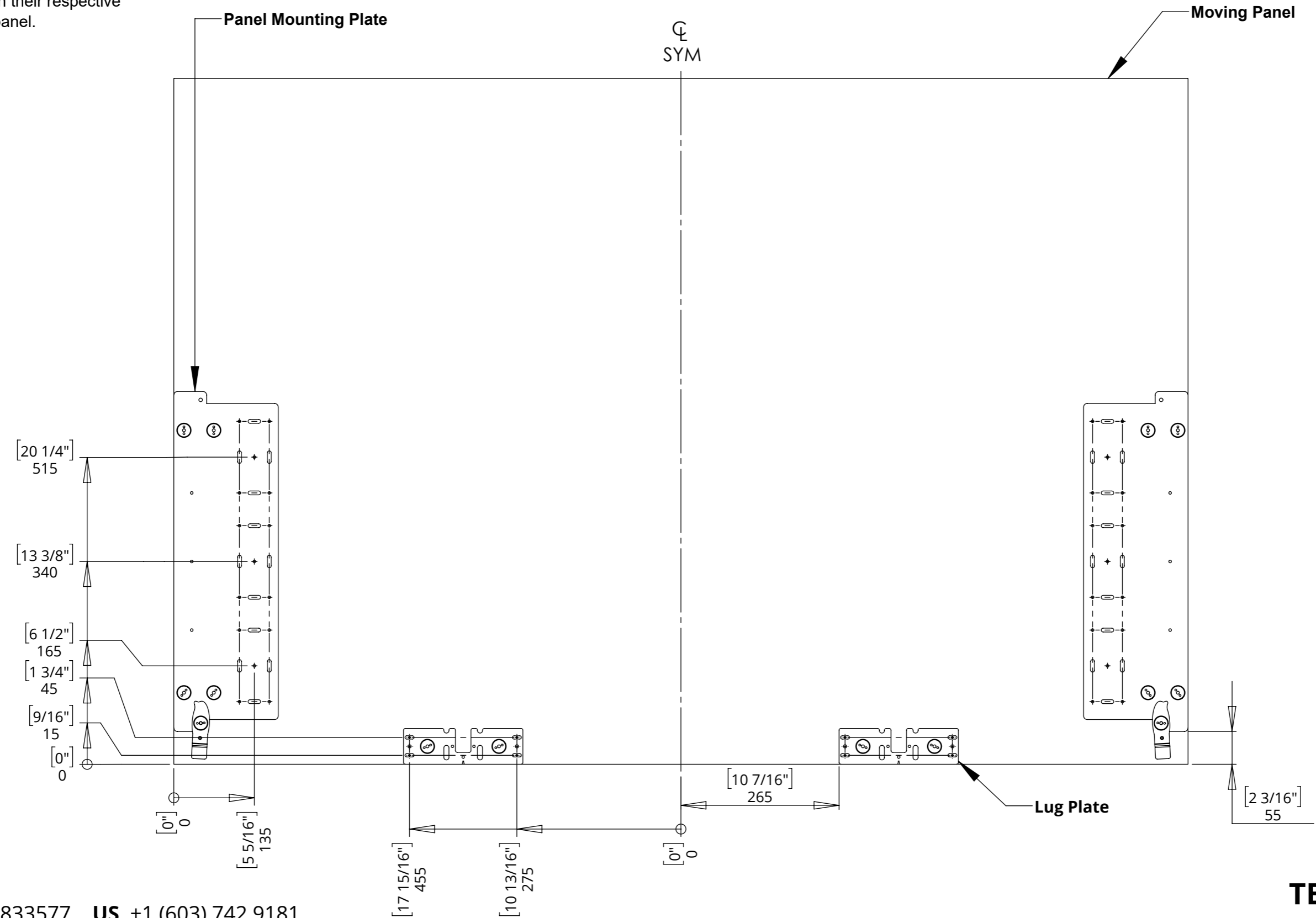
- The maximum panel weight is **15kg (33lbs)**.



## RETRACTING PANEL SYSTEM & SCREEN ADVANCE

### PANEL MOUNTING & LUG PLATE LOCATIONS

**NOTE:**  
Both panel mounting plates and lug plates mount flush with their respective edges of the moving panel.



# RPS-SA

## RETRACTING PANEL SYSTEM & SCREEN ADVANCE



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### SCREEN ADVANCE MECHANISM DIMENSIONS

The Screen Advance bracket has a service mode that can be used during installation and servicing of mechanisms and TV.

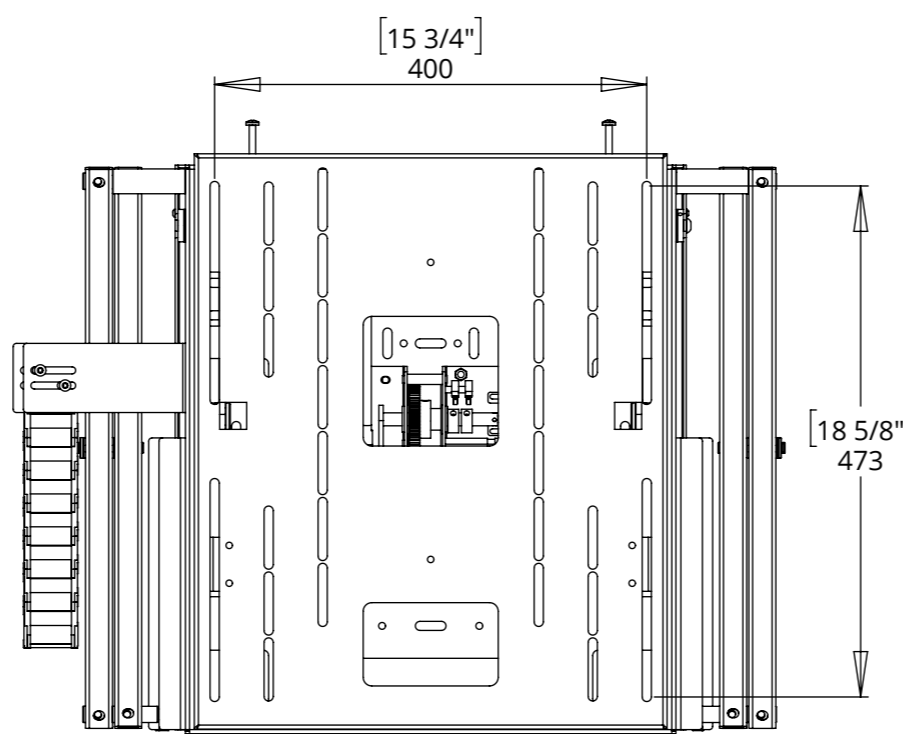
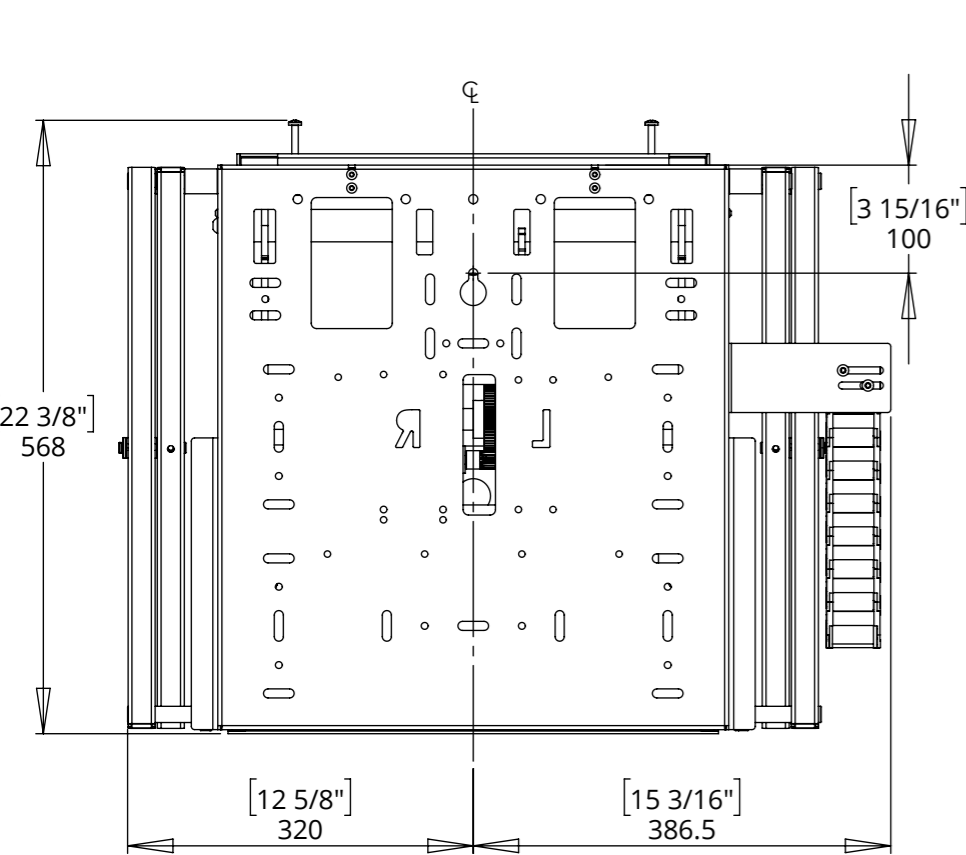
This allows TV to be pulled out far from the wall to allow access to back of the screen and inside the mechanisms during fitting.

Please refer to installation instructions on how to enable and manoeuvre the screen advance mechanism into the service position.

(SCREEN IN)

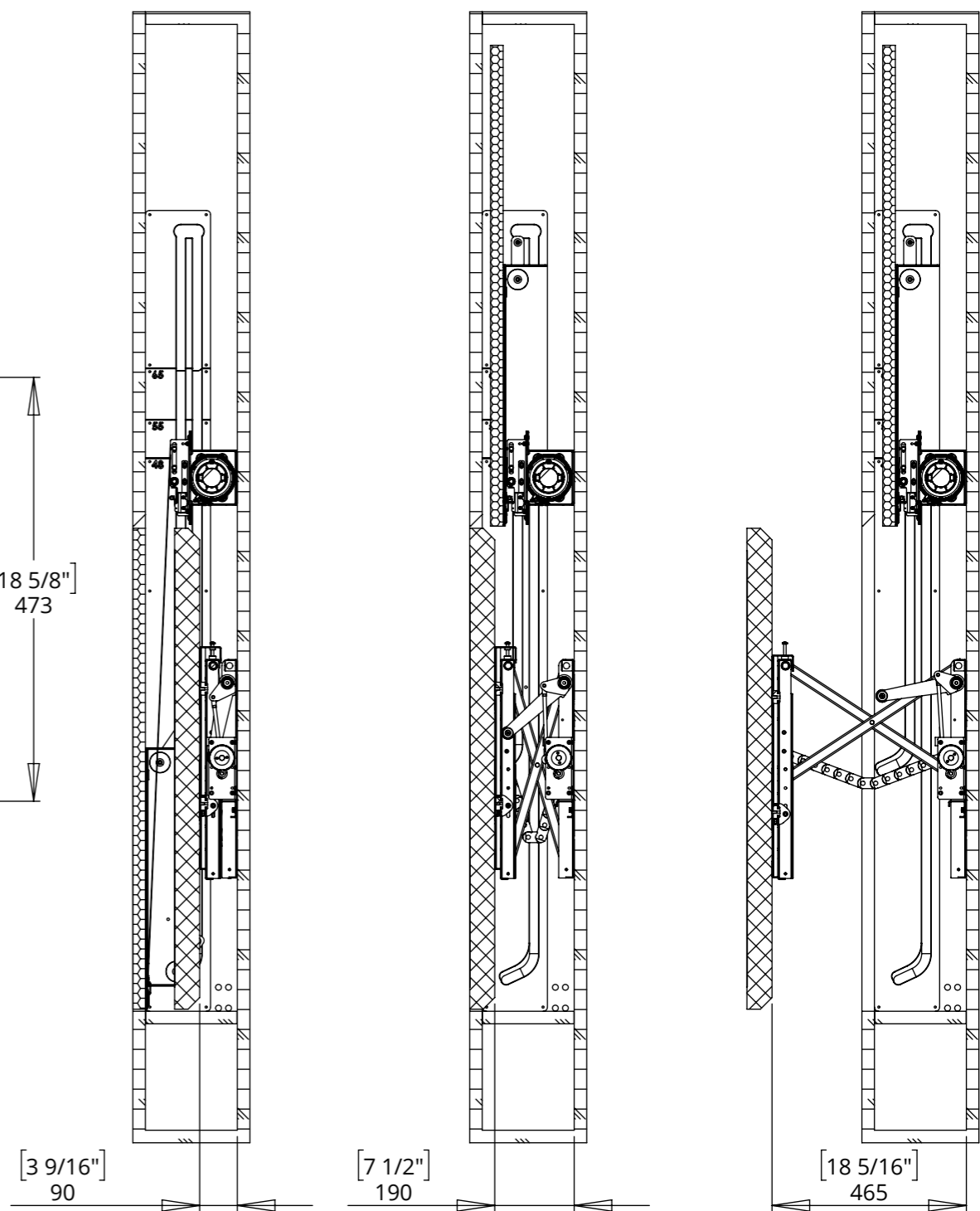
(SCREEN OUT)

(SCREEN SERVICE)



The Screen Advance bracket can accommodate a screen bolt pattern up to: VESA 400. Up to M8 diameter fixings.

The bracket can be positioned within the opening as required based on TV VESA mount location.



### TECHNICAL SHEET

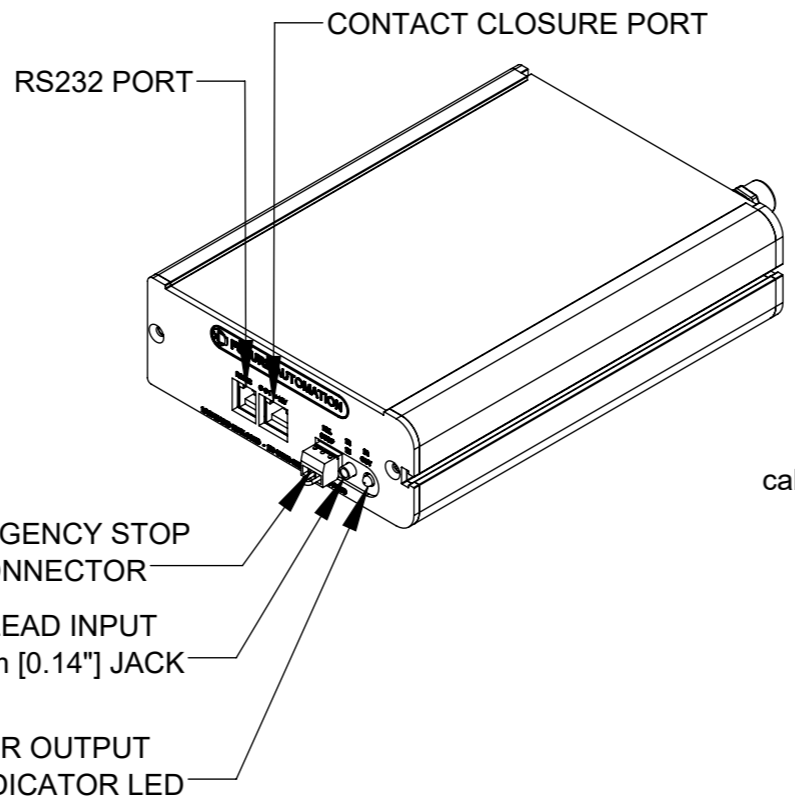
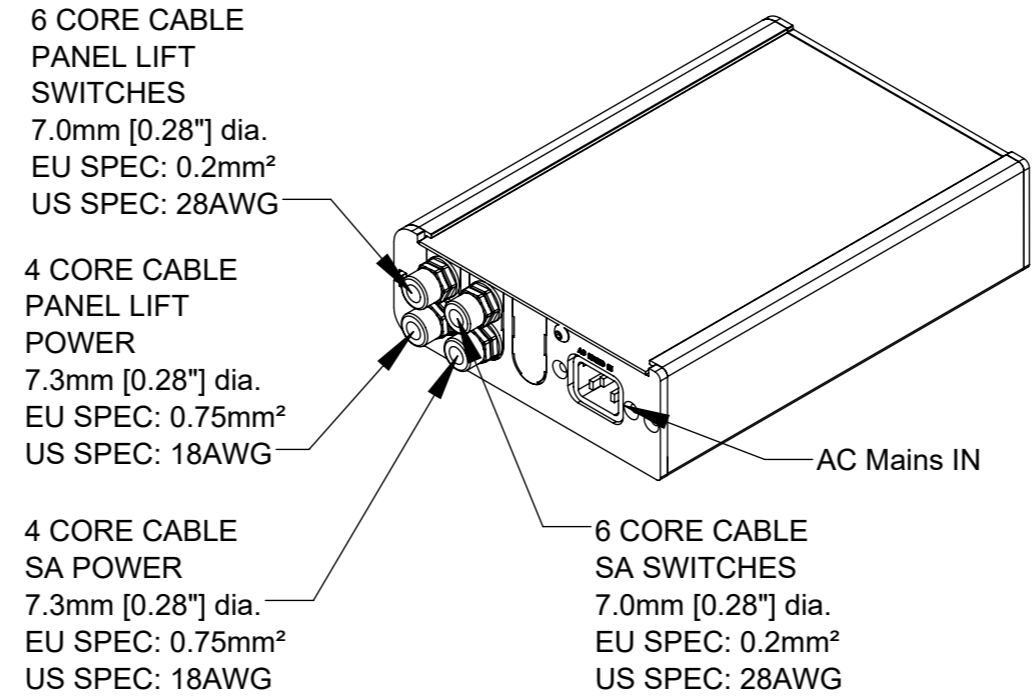
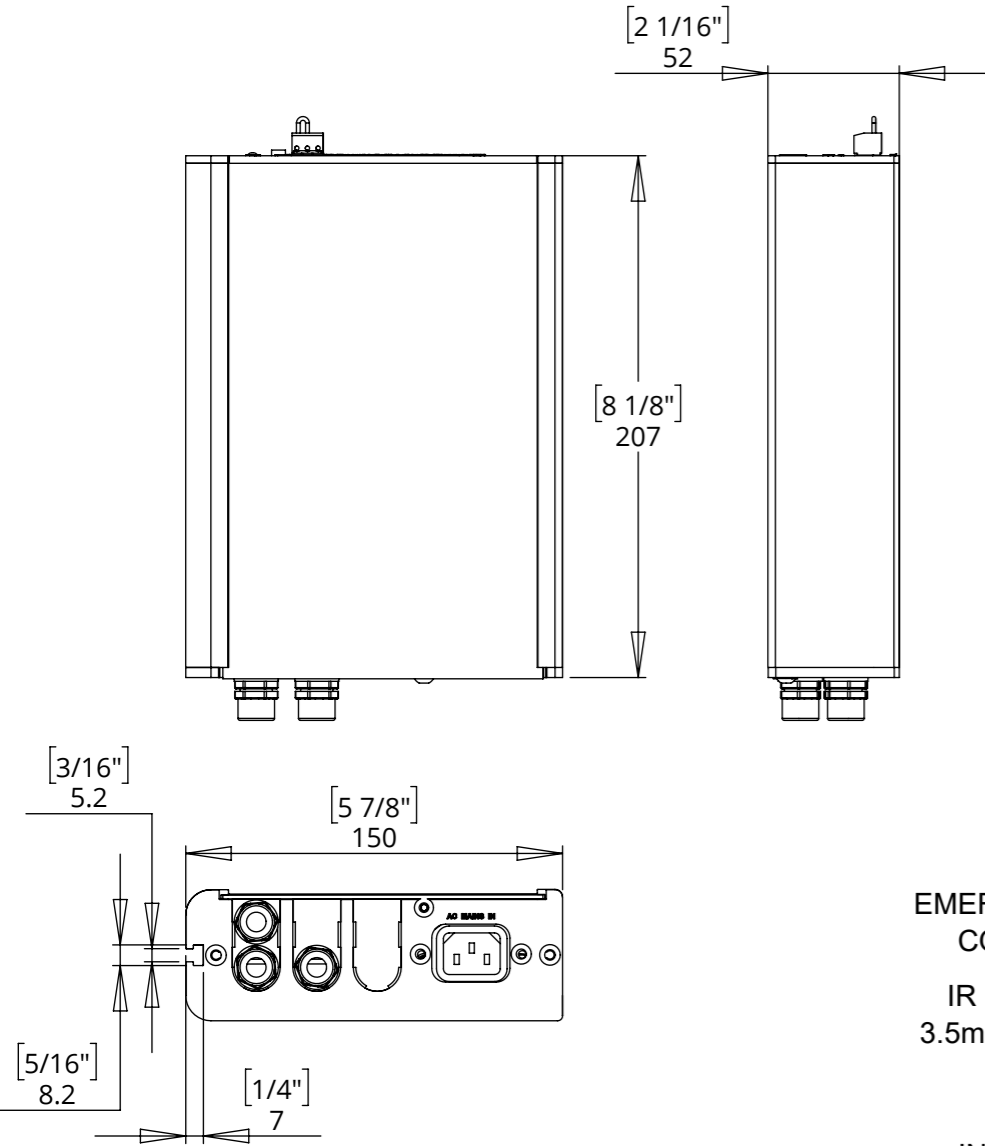
ISSUE 003  
SHEET 6

## RETRACTING PANEL SYSTEM & SCREEN ADVANCE

### CONTROL BOX & CABLE MANAGEMENT

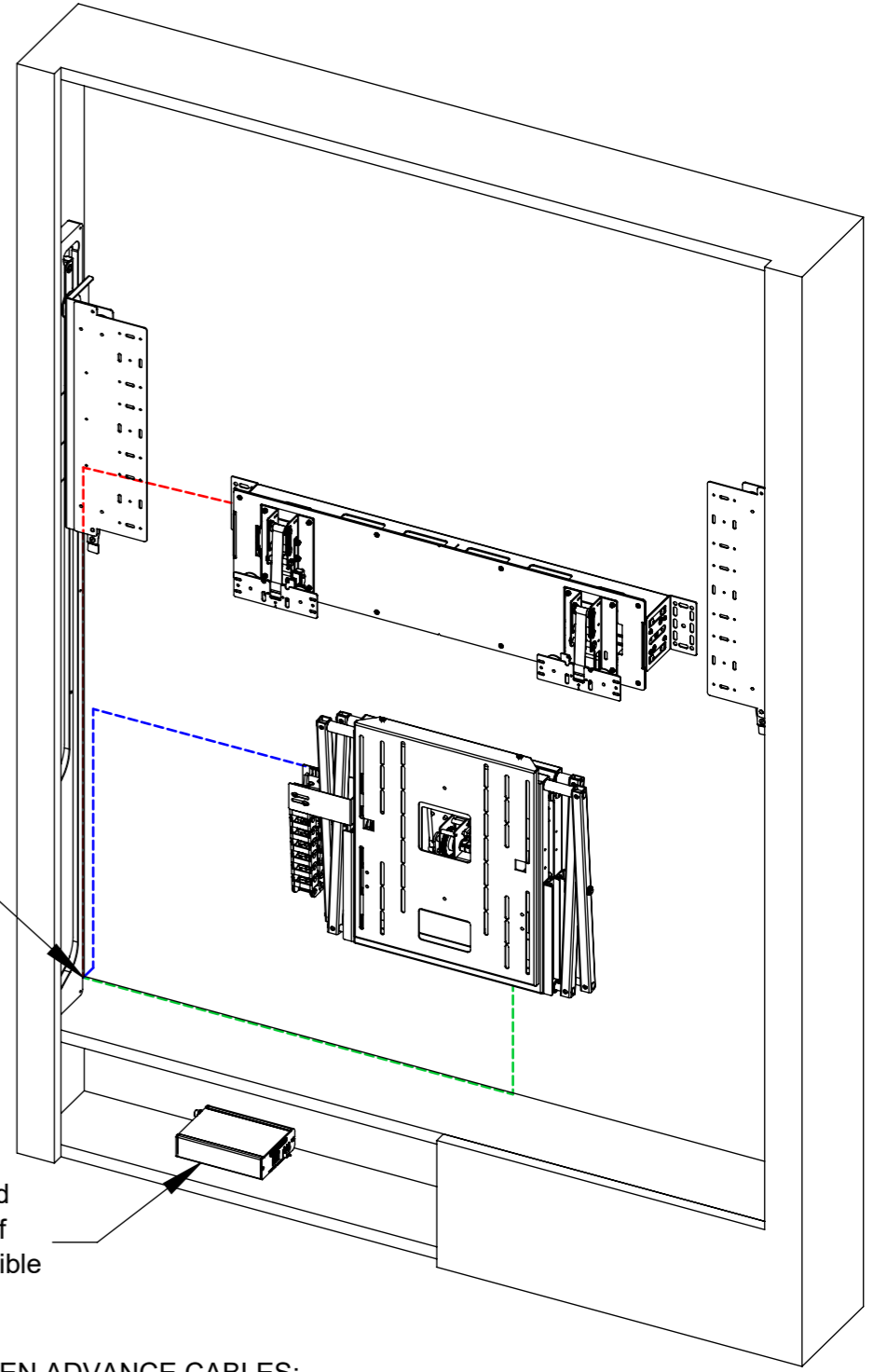
**NOTE:**

- Power Supply Unit (PSU) will allow 110V or 240V AC input. The same PSU is used for EU or US mains supplies.
- Other than control cables, all cables terminate at the control board via standard Phoenix connectors.
- Cable loom length supplied at approx. 3m [118"]. Loom can be extended to a maximum of approx. 10m [400"].
- Minimum cable bend radius 25mm [1"].



CABLES EXIT CABINET HERE

Control box to be located underneath or outside of cabinet in an easily accessible location.



SCREEN ADVANCE CABLES: -----

LIFT CABLES: -----

SCREEN CABLES: -----

# RPS-SA

## RETRACTING PANEL SYSTEM & SCREEN ADVANCE

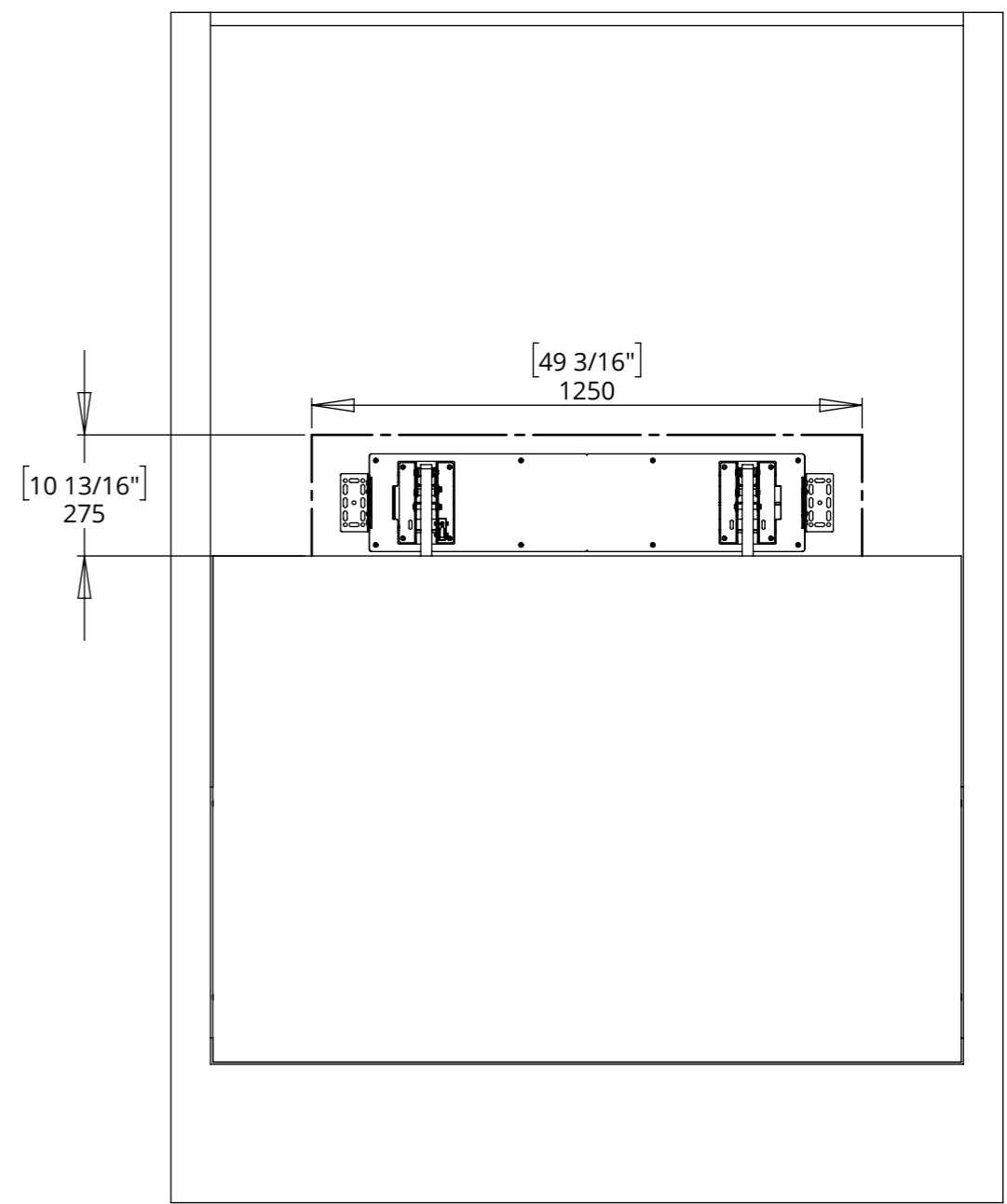
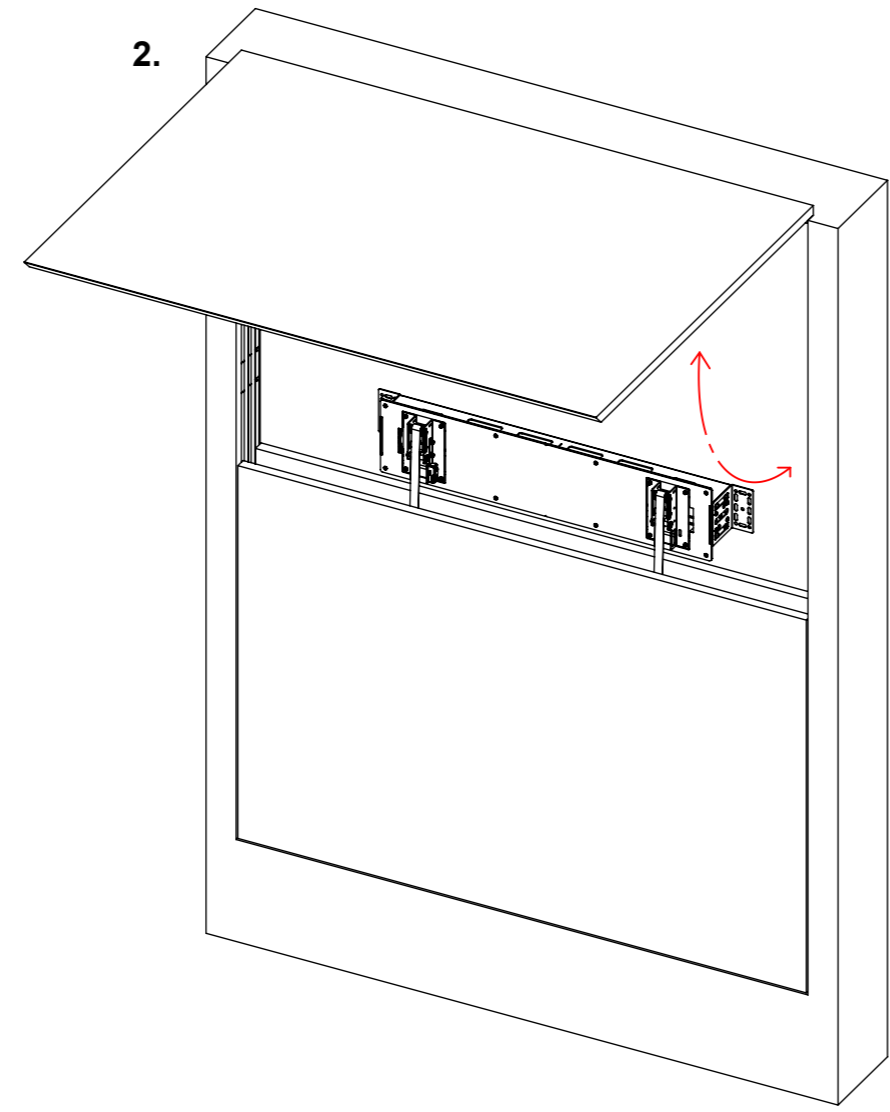
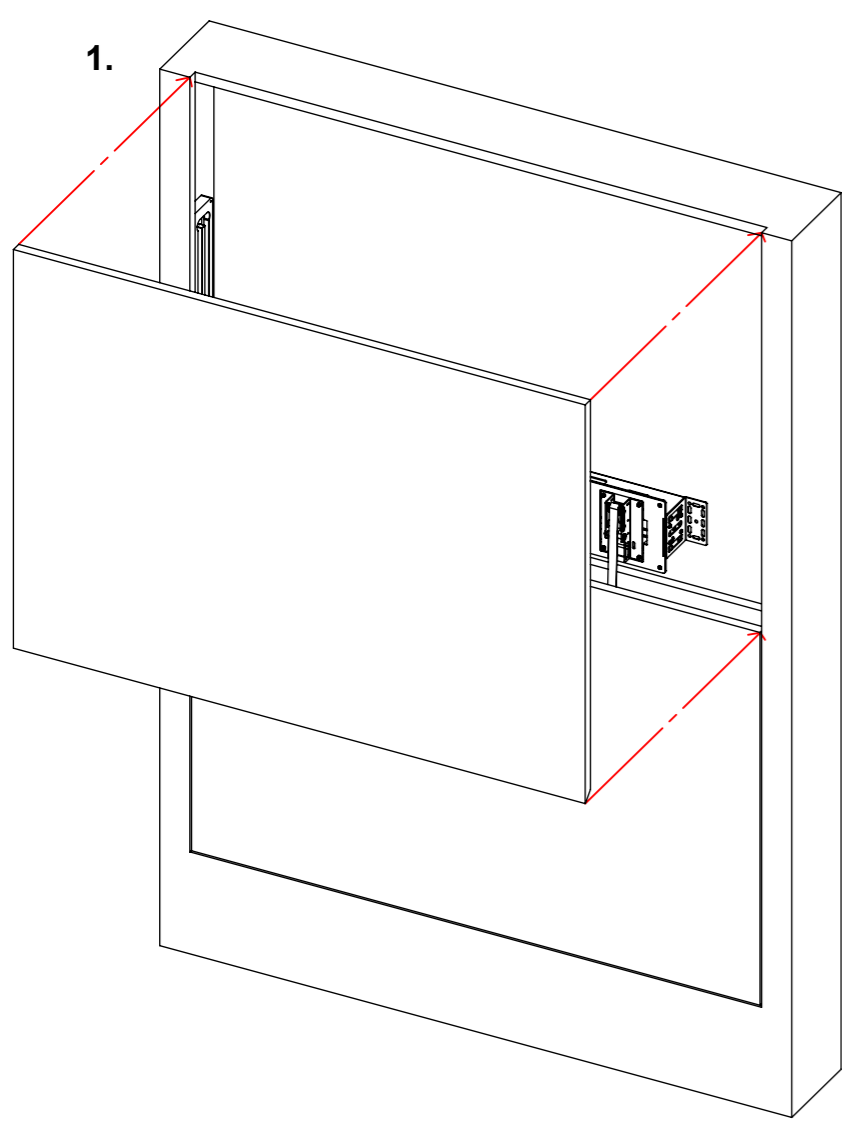


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### ESSENTIAL ACCESS

**NOTE:**

For installation, good access to the cabinet interior void is required. Examples of access solutions can be found below in images 1. and 2.



**If the front panel is unable to be removed after installation, then the minimum amount of space required for maintenance of the panel mechanism is as shown above.**