

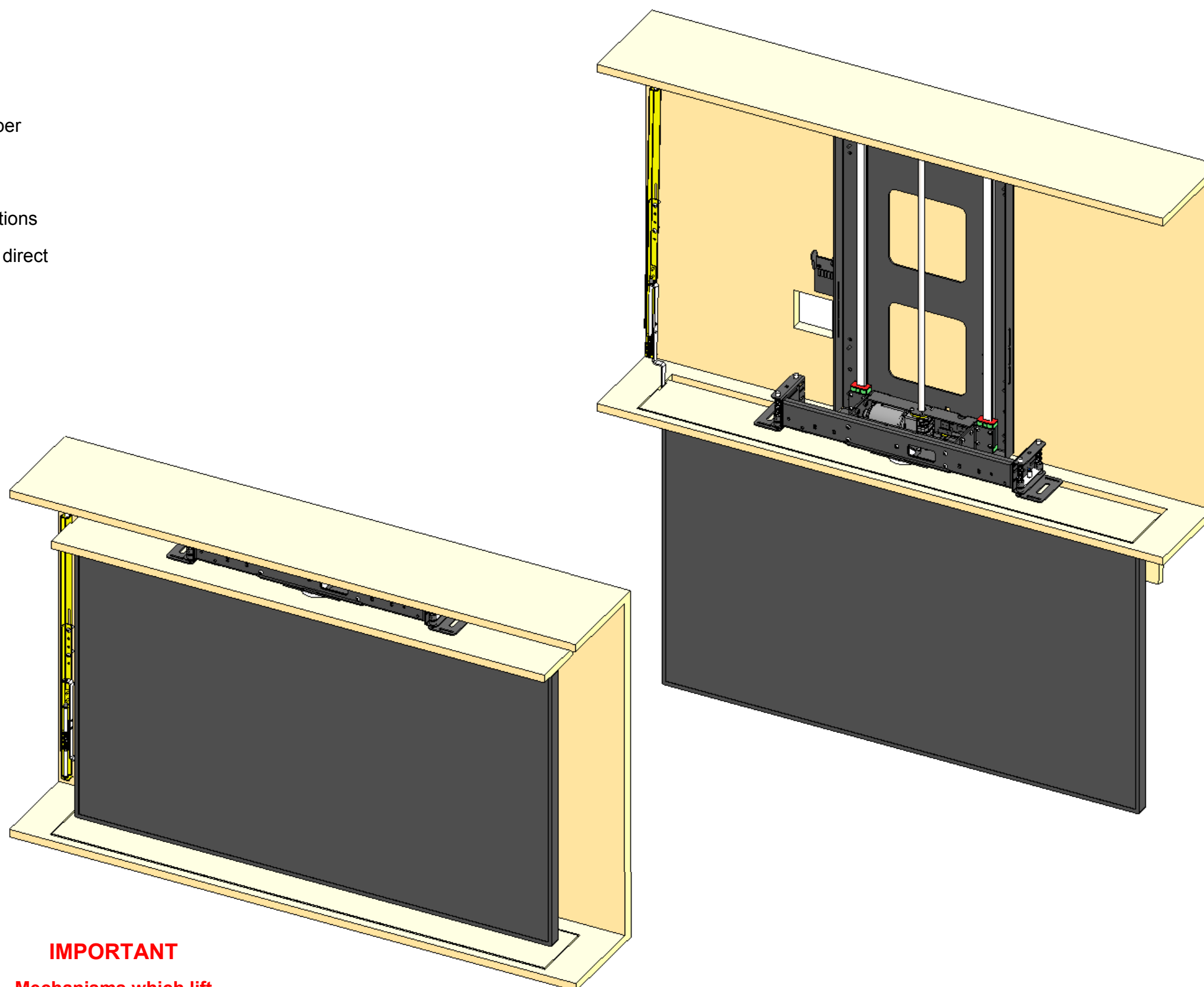


DESIGN HIGHLIGHTS

- Quiet smooth action at approximately 40mm [1.6] per second
- Full cable management
- Wide range of mounting options
- 24V DC motor. Suitable for direct DC supply
- Robust lifting beam

OPTIONS

- Box Enclosure with Swivel
- Box Enclosure
- Push Up Flap
- Custom screen back cover
- Heavy Duty



FUNCTION

An electric mechanism to reveal a flat screen television from above. Shown for use with a Telescopic Unit and Electric Flap Actuator.

SUITABILITY

Suitable for a total lifting weight of 50Kg [110lbs] OR 30Kg [66lbs] in a marine environment

Maximum Screen Height
915mm [36.0]

Lift systems to suit different screen heights are available.

SPECIFYING

Check screen mounting details and request a suitable mount plate

CONTROL

Supplied with basic infrared remote. Can be learnt by many learning remotes.

Also has switch control and RS232 so can be operated by relays, switches, Crestron / AMX or Lutron systems.

WARNING

It is the responsibility of the installer to warn all potential end users of the dangers of interfering with mechanisms during operation

IMPORTANT

Mechanisms which lift or move weights need to be checked on a yearly basis for any damage which may result in an accident

Design Highlights

A space efficient and robust lifting mechanism, suitable for use in marine environments.

A robust 24V DC motor with a purpose made lead screw enables a quiet and smooth lifting action at approximately 40mm [1.6] per second.

High precision linear guideways ensure stability and durability of the beam to prevent any unwanted movement of the screen.

Adjustable UP and DOWN positions allow for a precise final setup within the cabinet.

The safety switched base reduces the risk of damage to the mechanism or injury to the user by cutting power to the motor when there is an obstruction between the cabinet and base panel.

Full cable management protects all screen and power cables from damage and is easily accessible for future changes to the AV setup.

A wide range of mounting options are available to suit different screens and speaker arrangements.

The Electric Flap Actuator mechanism eliminates the need for a lid or box to be mounted around the screen.

Electronic Flap Actuator unit (EFA) Opens flap before lifting the screen

Robust lifting beam

Cable management

Safety switched base

Safety push rod to avoid finger trapping in flap

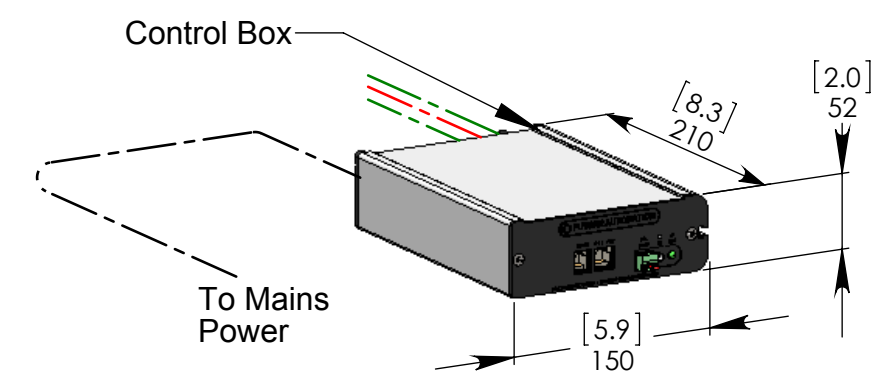
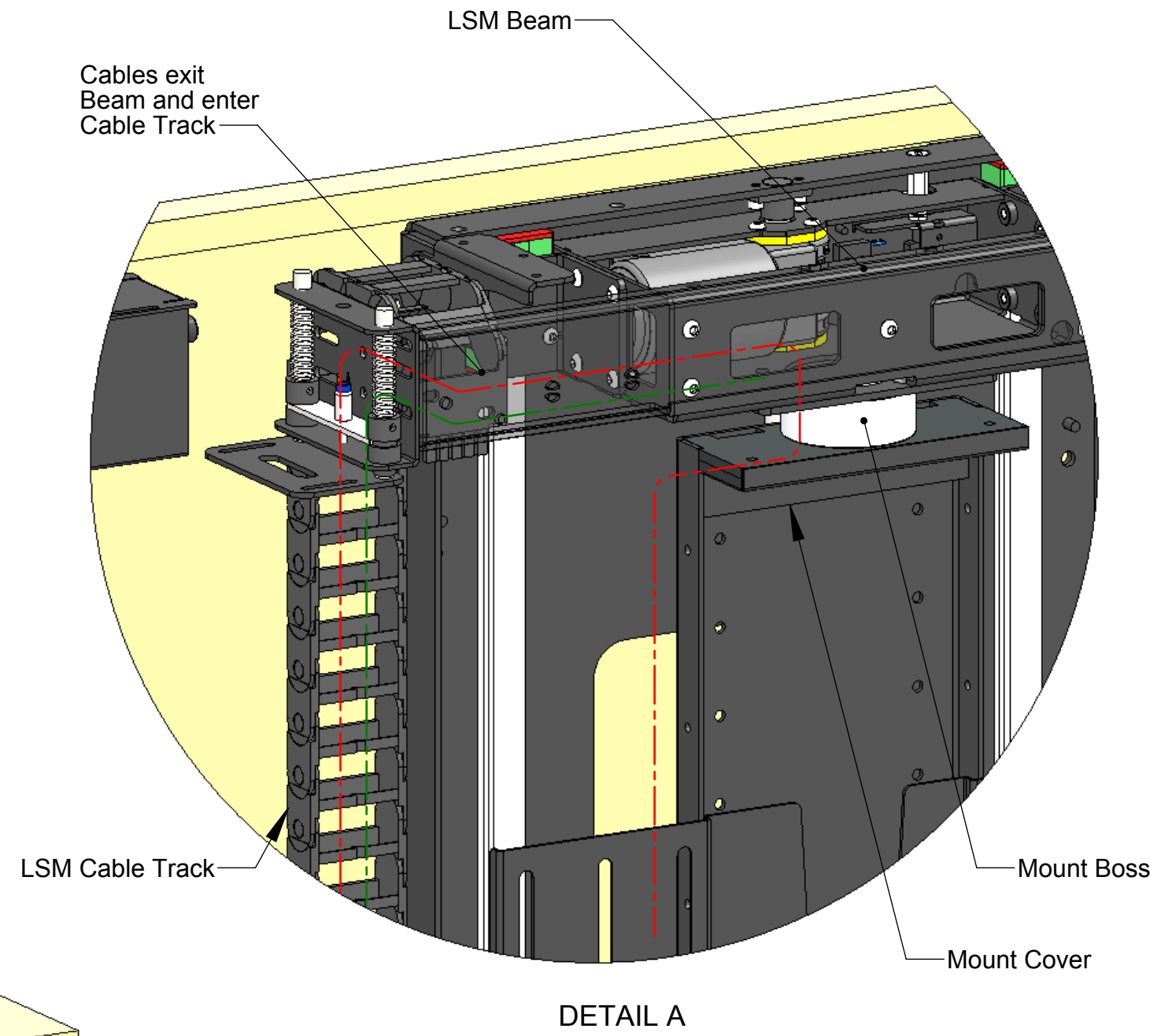
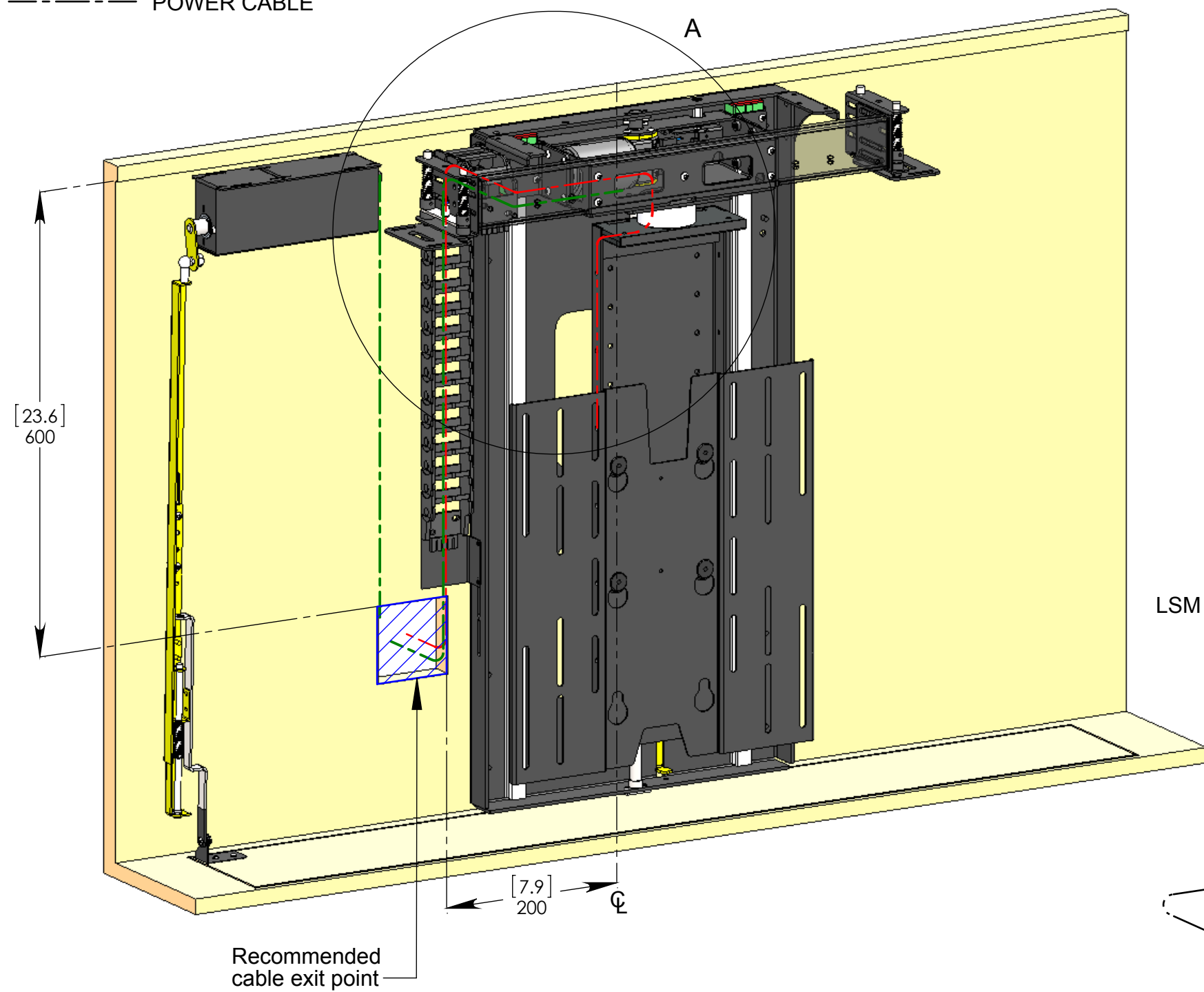
Screen Mount Plate
Suitable for VESA 400, 300 & 200 mounting patterns

Cable Routing

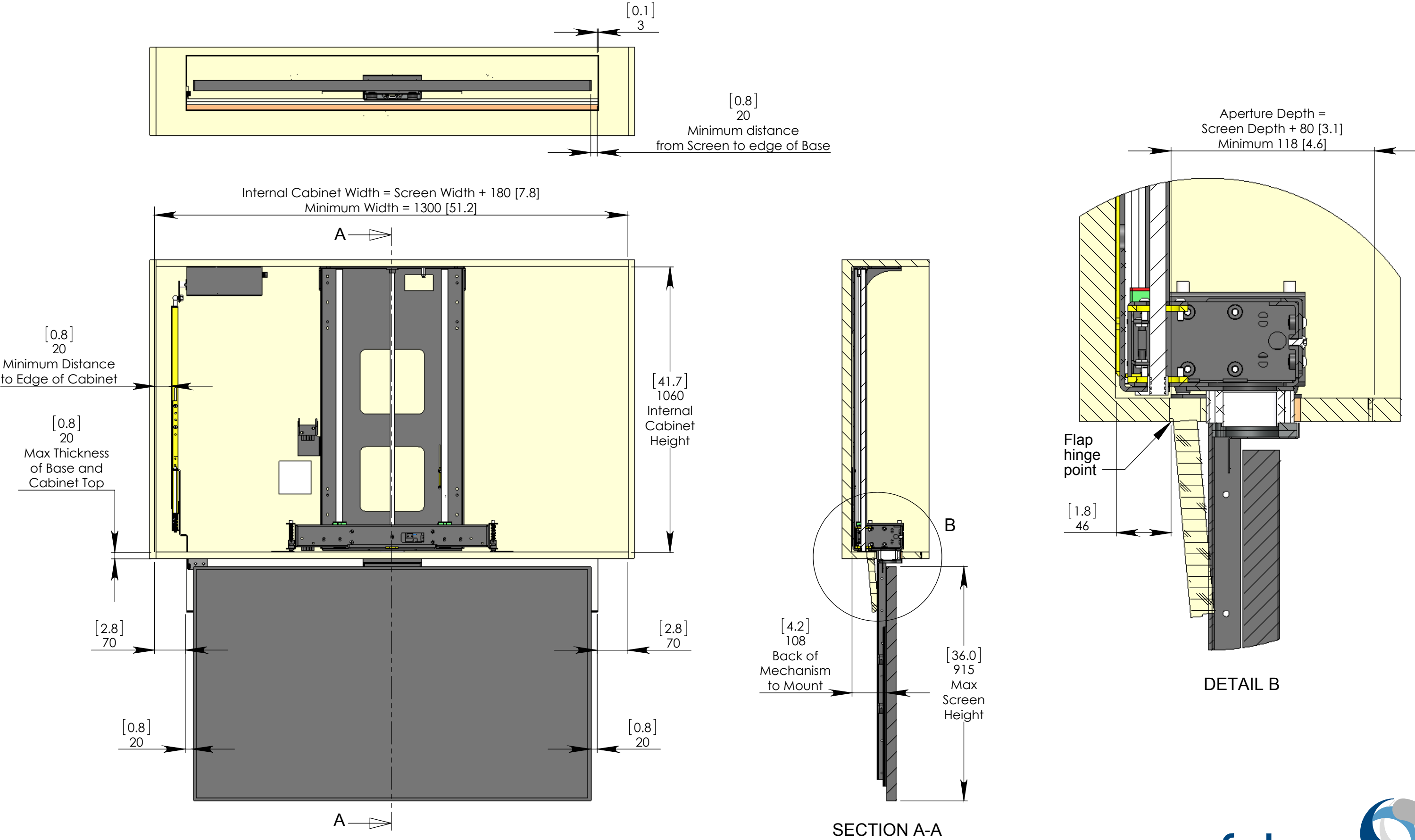
The LSM has an easily removable Mount Cover that cables from the screen can be routed underneath. Cables then travel through the centre of the Mount Boss and into the beam. Cables must be routed carefully to prevent any interference with the LSM beam as it operates.

Screen and Mechanism cables should be routed to a control box outside of the cabinet via an opening in the back of the cabinet or a conduit leading to the bottom.

- SCREEN CABLE
- MECHANISM CABLE
- POWER CABLE

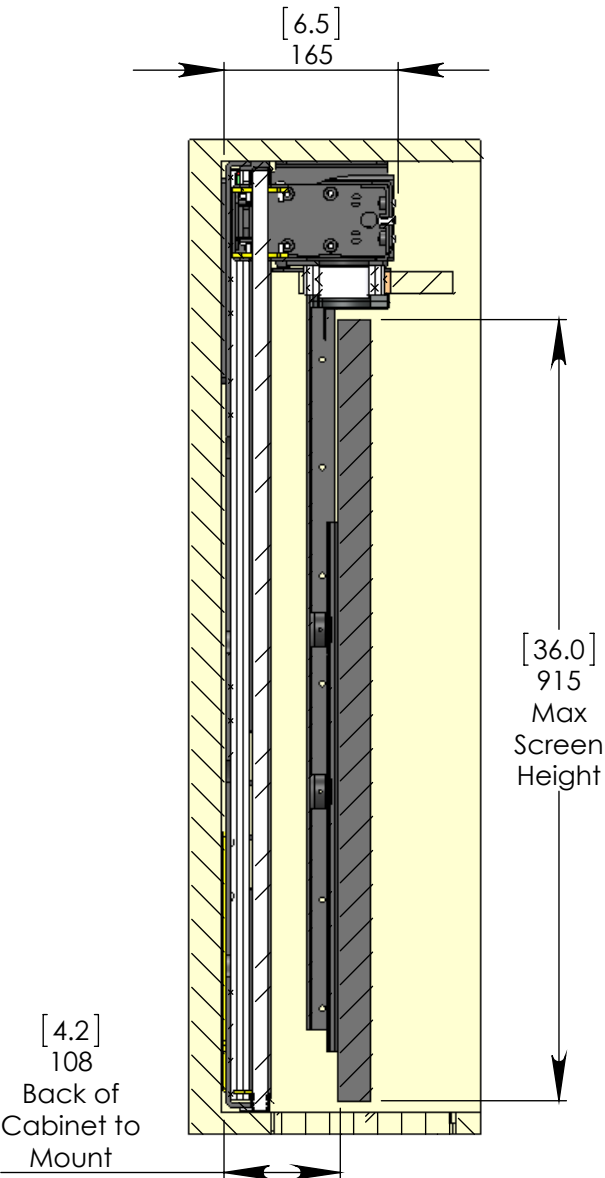
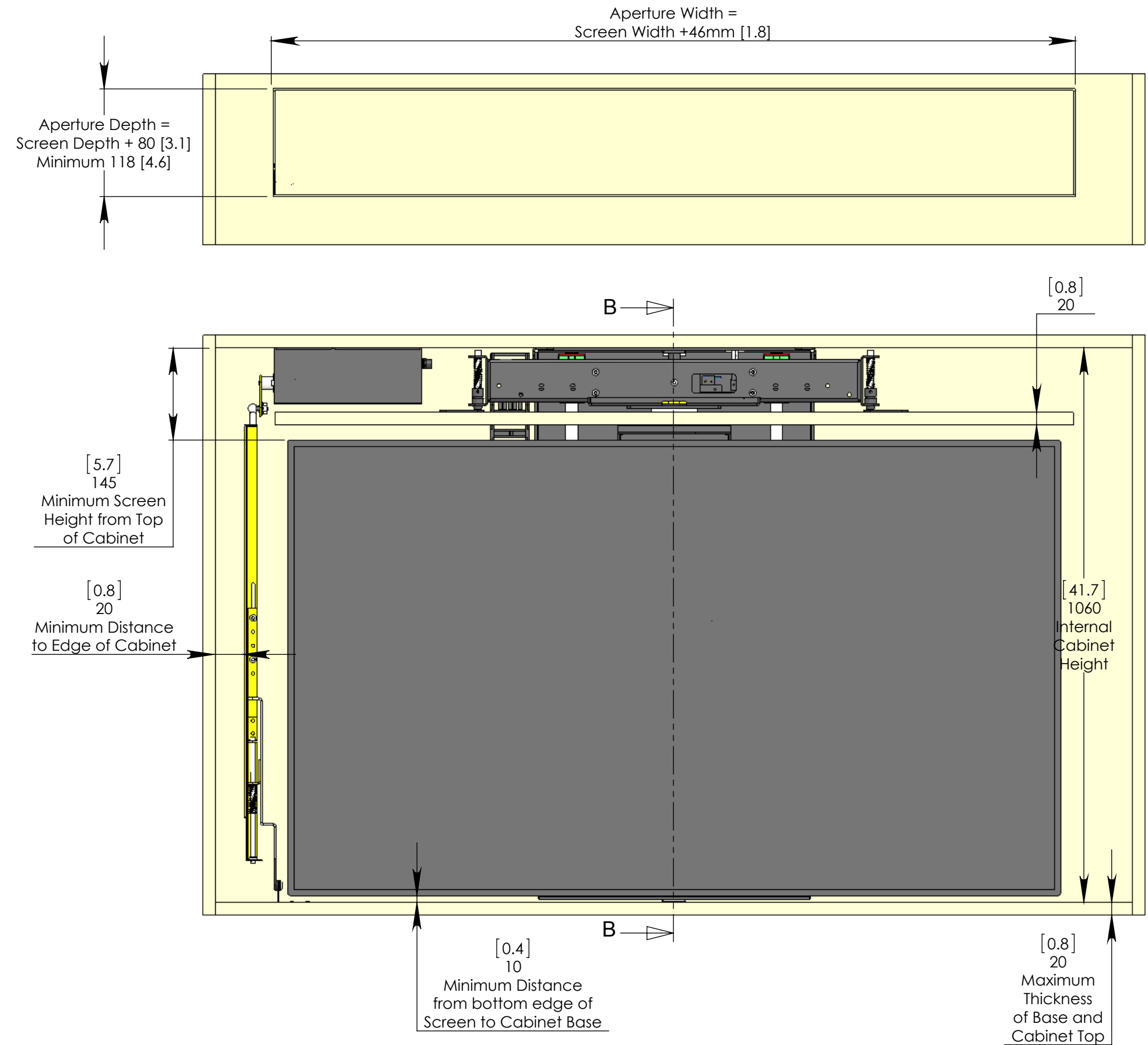


Mechanism Down - In Cabinet



IMPORTANT: Thicker cabinet tops will require a reduced maximum screen height

Mechanism Up - In Cabinet

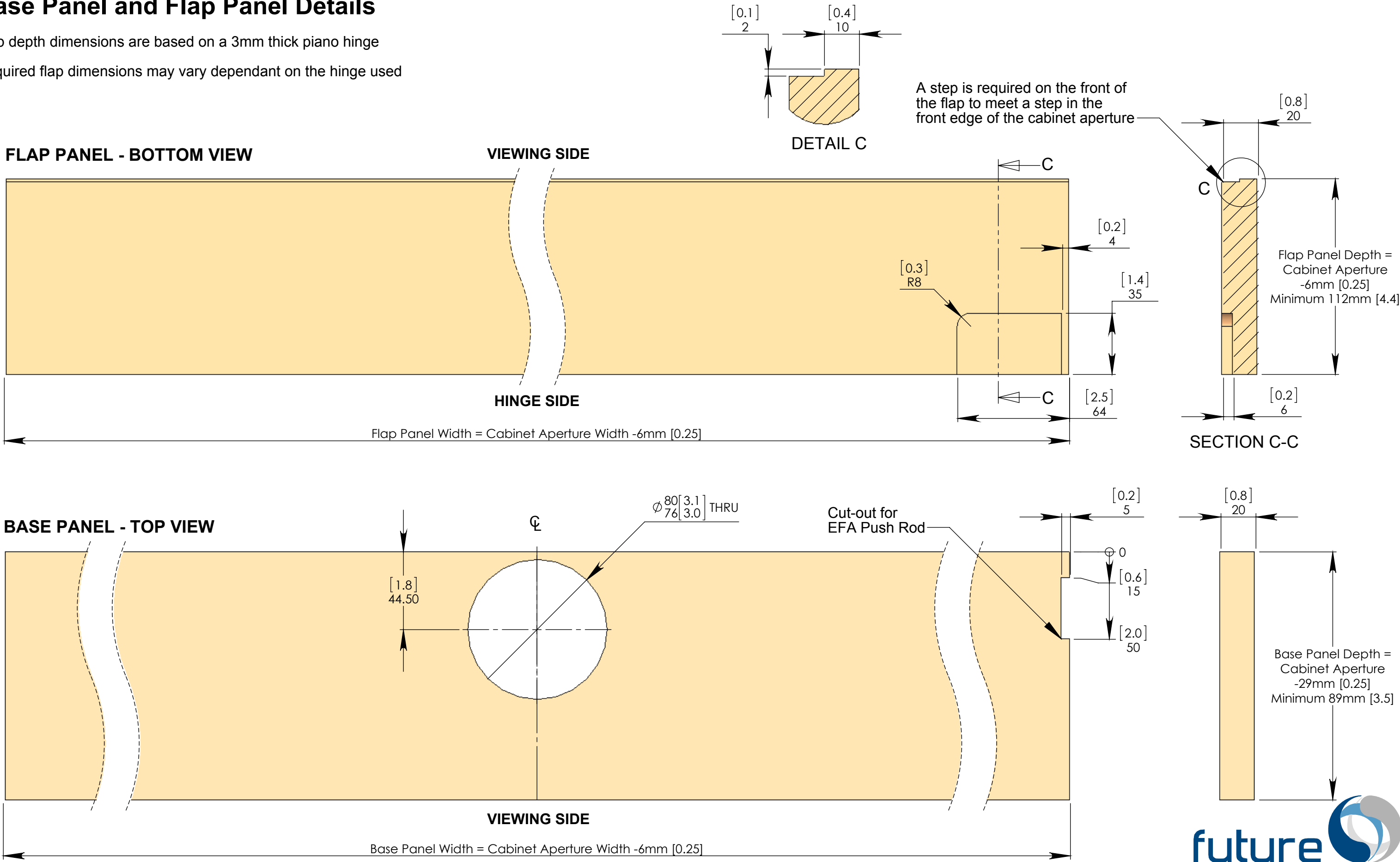


SECTION B-B

IMPORTANT: Thicker cabinet tops will
require a reduced maximum screen height

Base Panel and Flap Panel Details

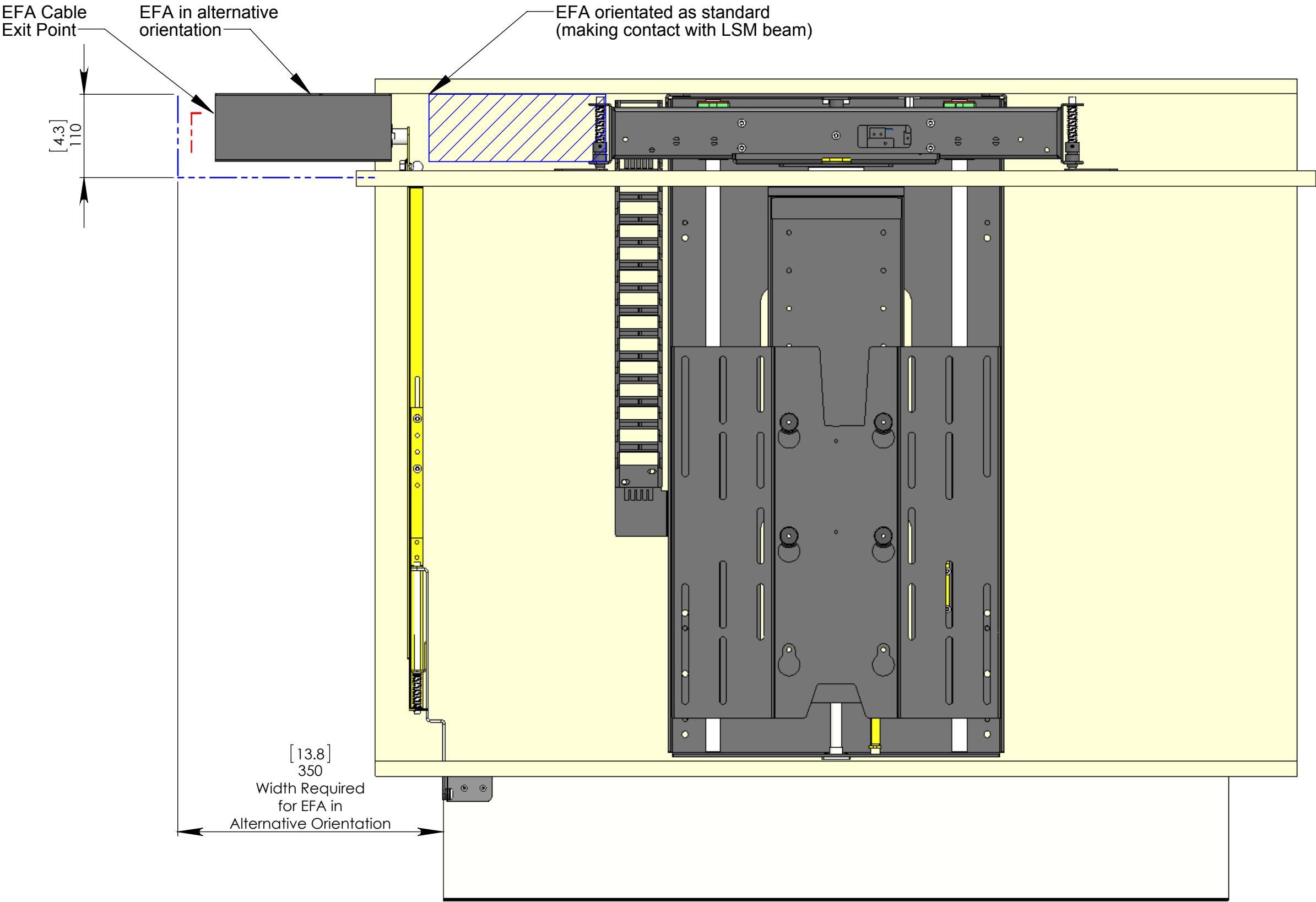
Flap depth dimensions are based on a 3mm thick piano hinge
Required flap dimensions may vary dependant on the hinge used



Positioning the EFA to Accommodate Smaller Screens

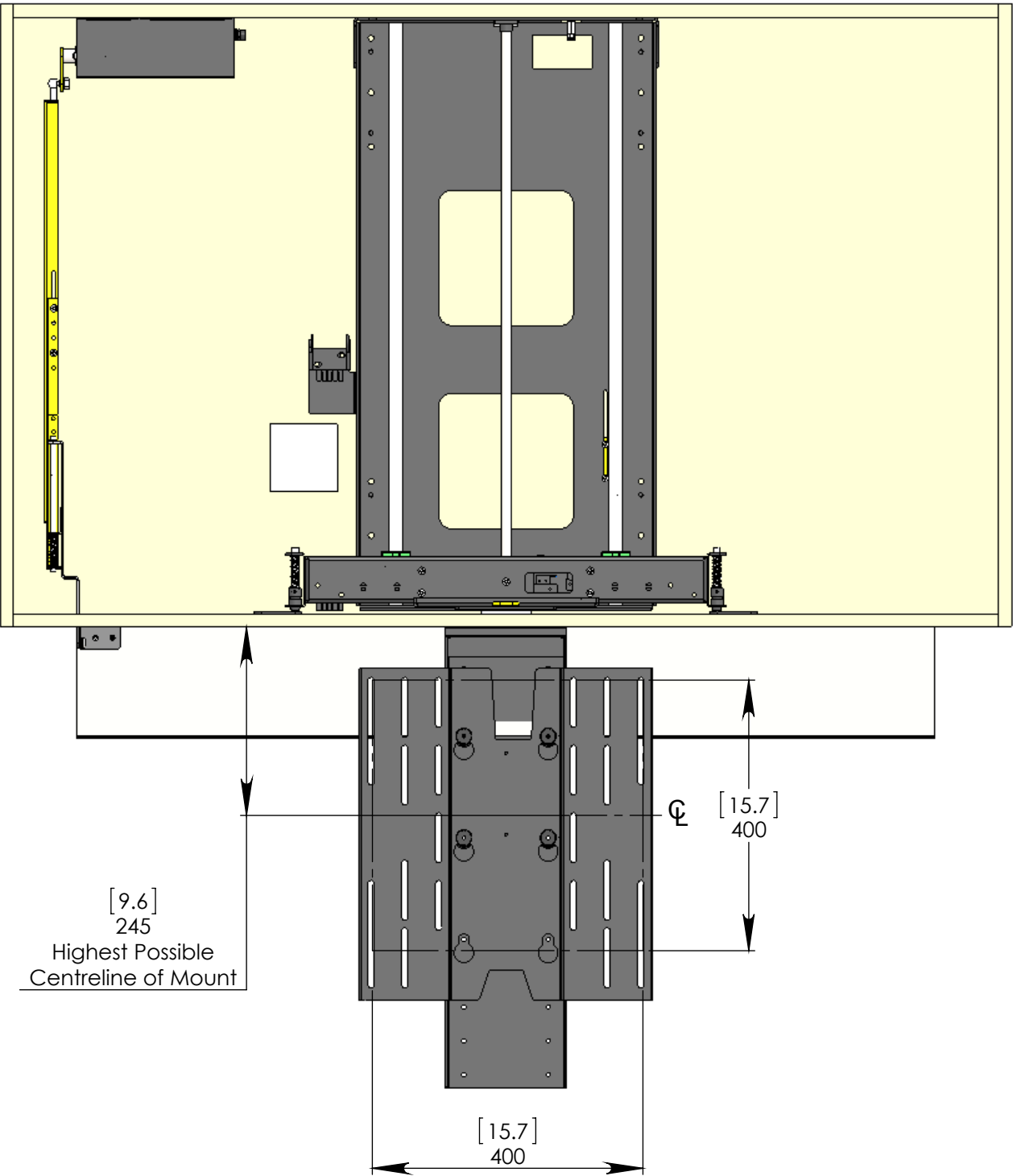
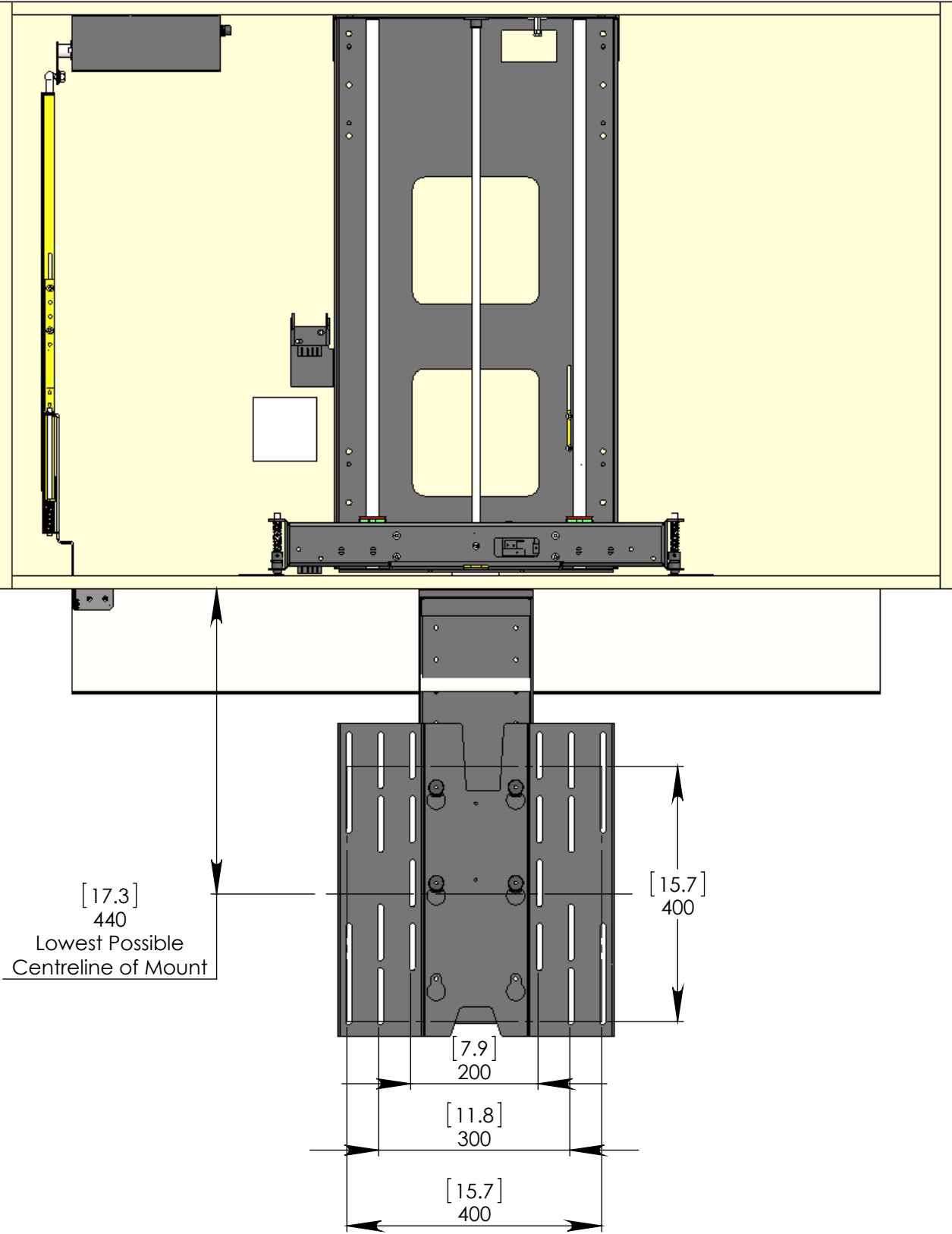
A Base Panel of less than 1170mm [46.0] wide will cause the EFA to interfere with the LSM beam.

This can be avoided by orientating the EFA away from the LSM. It will however require more space for the EFA to be positioned to the side of the cabinet.

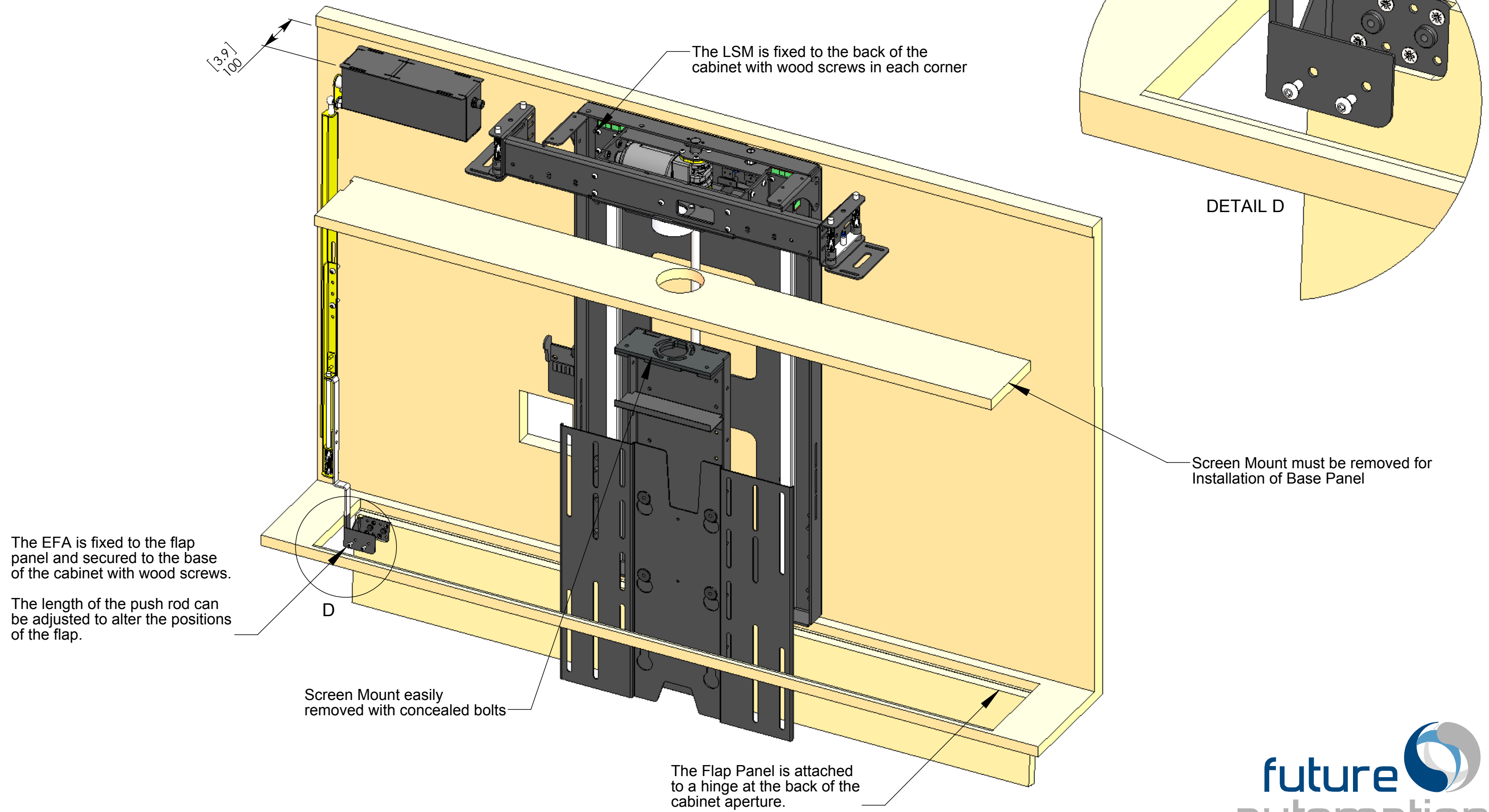


Screen Mount Adjustability

A standard adjustable height VESA 400 mount is included. This is also compatible with VESA 300 and 200 mounting patterns



Mechanism Installation Overview



Overall Mechanism Dimensions

