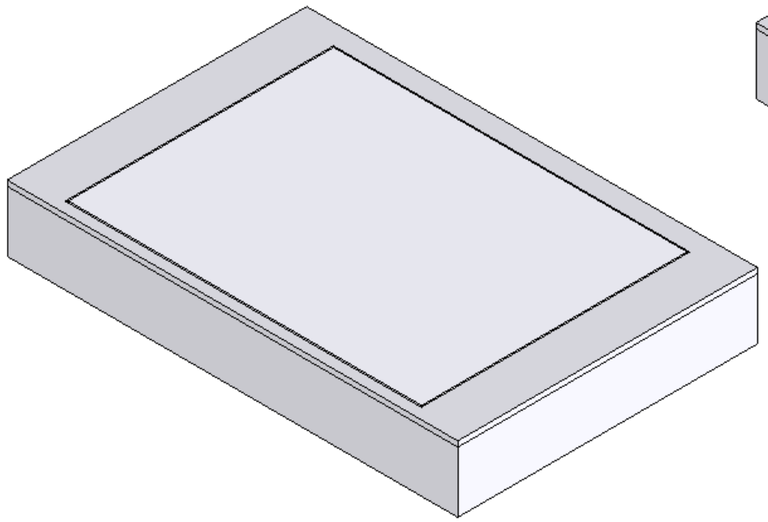
HU Hinge Up Mechanism

Technical Sheet

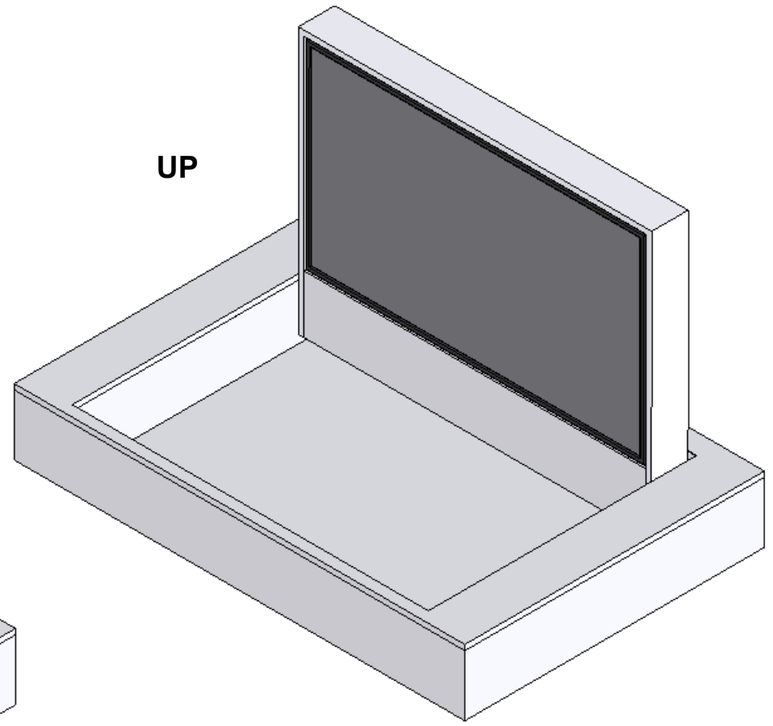
DESIGN HIGHLIGHTS

- Near silent motor system
- Easily adjustable limit switches.
- Custom made to suit the chosen screen.

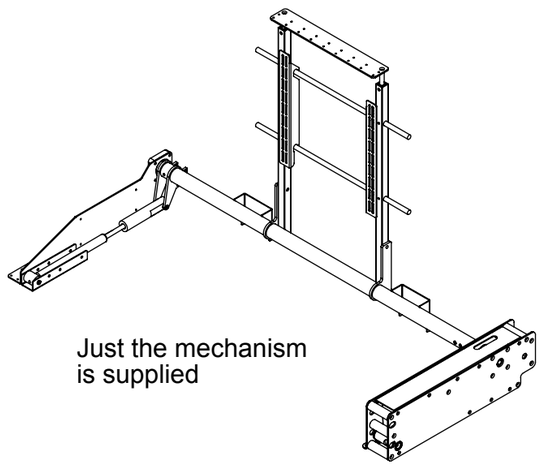
DOWN



UP



Cabinet to be made by others



Just the mechanism is supplied

FUNCTION

A mechanism to hinge a flat screen television up through an angle of 90 degrees from a cabinet.

SUITABILITY

This mechanism is built to order. Its size is adjusted to suit the chosen screen width and height.

Maximum weight of screen is 30Kg [66lb]. Maximum weight of the screen box and trim is 10Kg [22lb].

CONTROL

Supplied with basic infrared remote. Can be learnt by many learning remotes.Also has contact closure and RS232 so can be operated by switches, Crestron, AMX or Lutron systems.

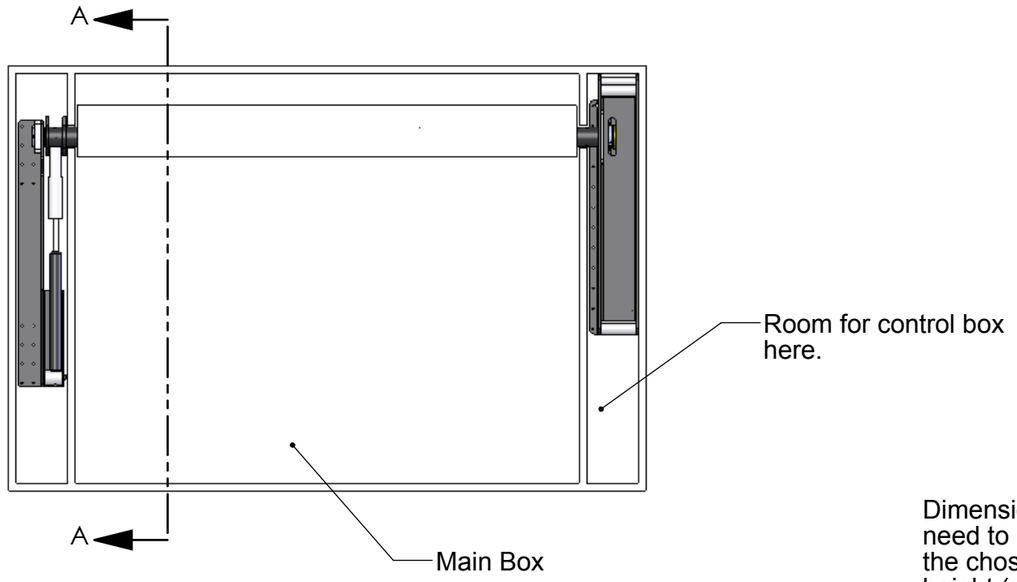
WARNING

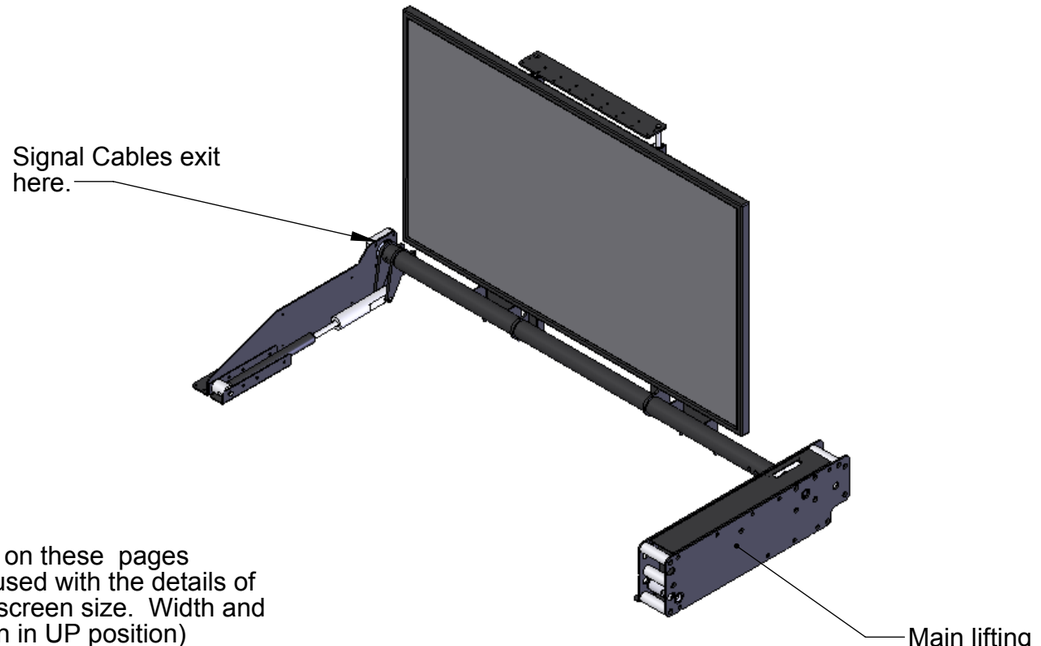
It is the responsibility of the installer to warn all potential end users of the dangers of interfering with mechanisms during operation.

IMPORTANT

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

PLAN - BOX TOP REMOVED





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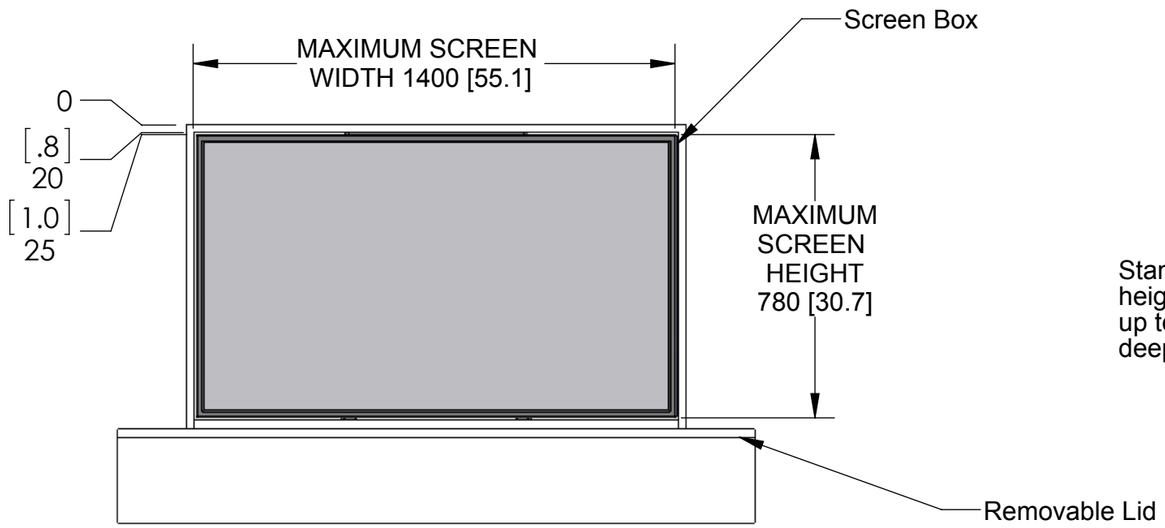
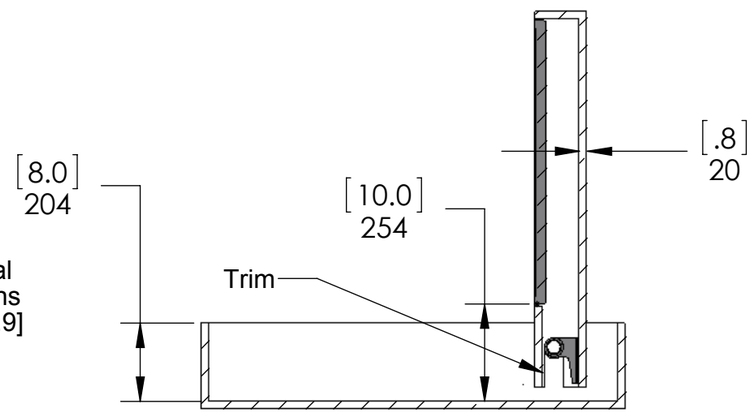
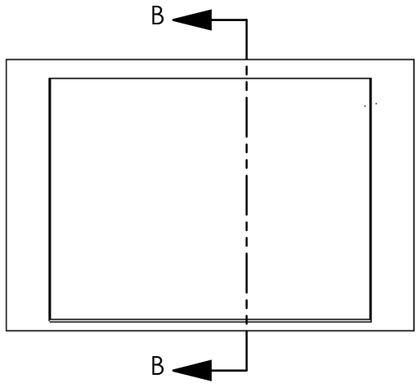


Standard internal height for screens up to 100mm [3.9] deep.

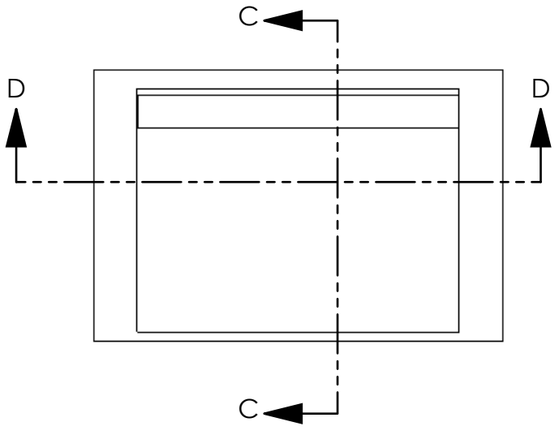


SECTION A-A
SCALE 1 : 16

PLAN - DOWN



PLAN - UP



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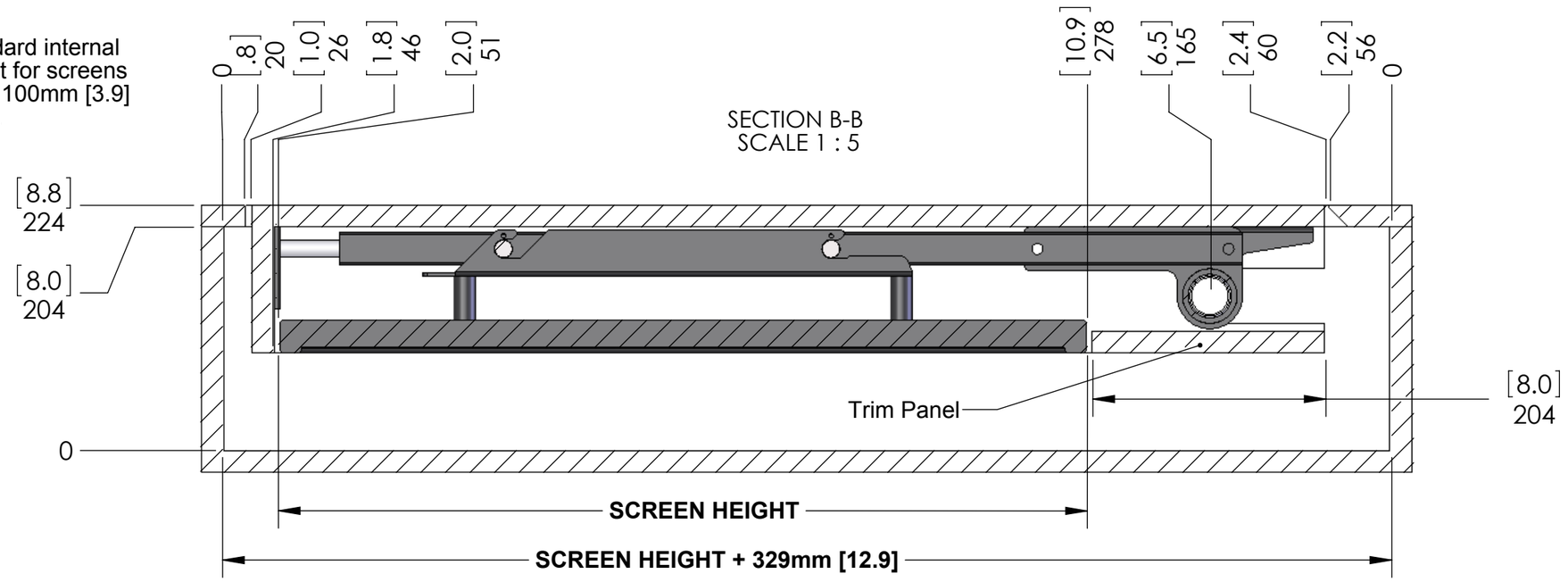

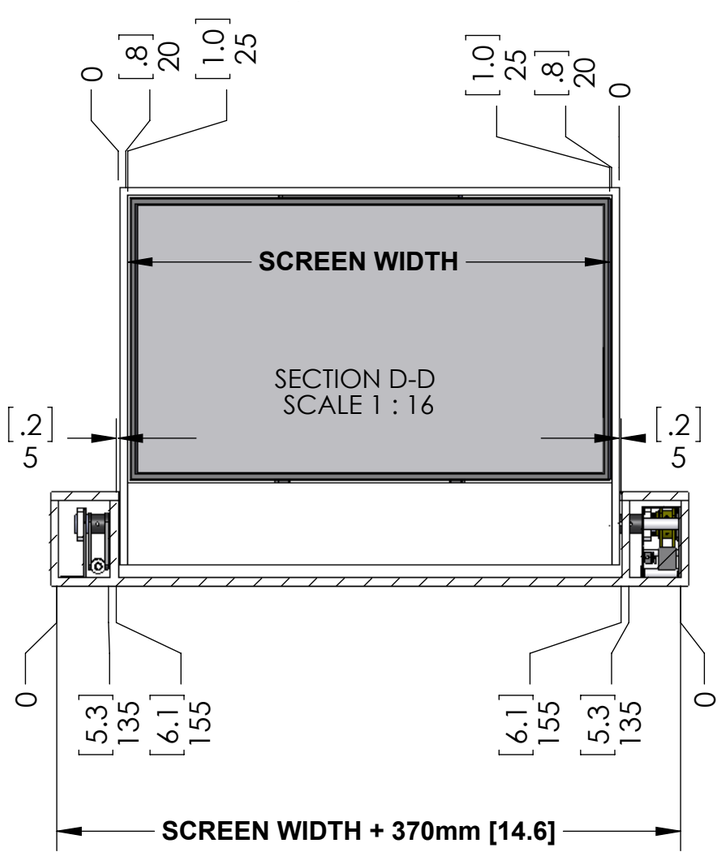

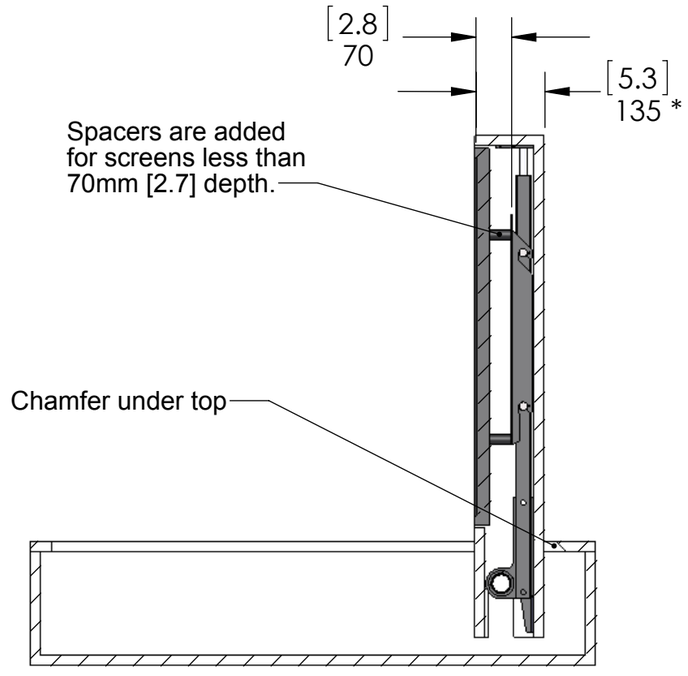

*For screens over 70mm deep [2.7] this box depth will need to be increased.

A 100mm [3.9] deep screen will require a 165mm [6.5] deep box.

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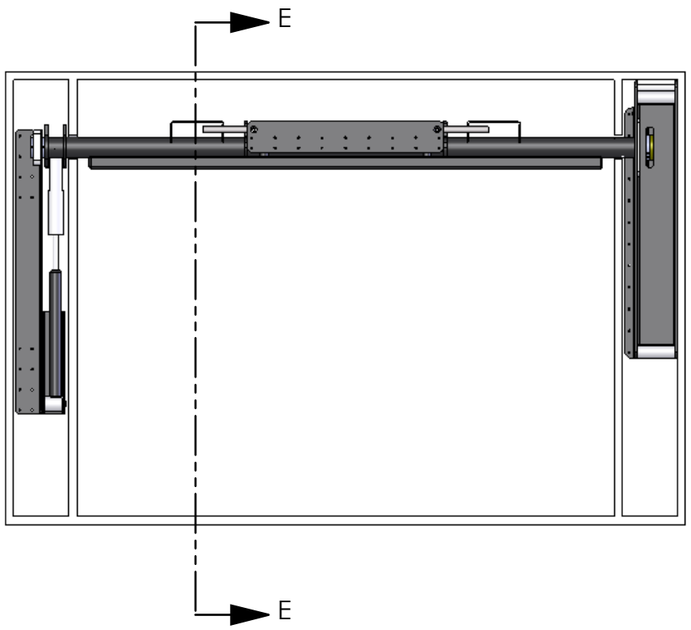
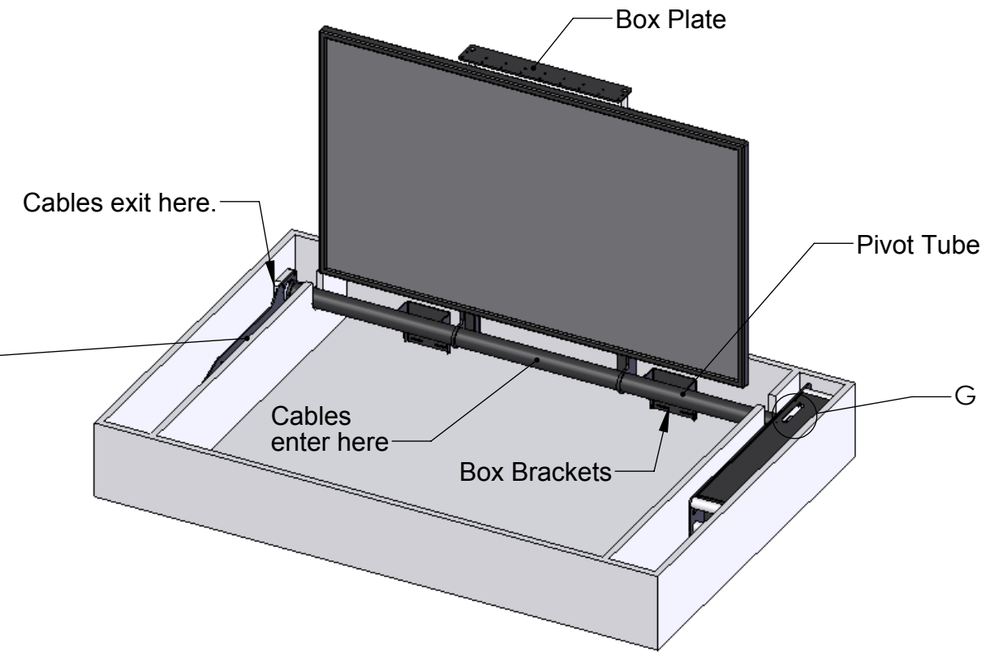
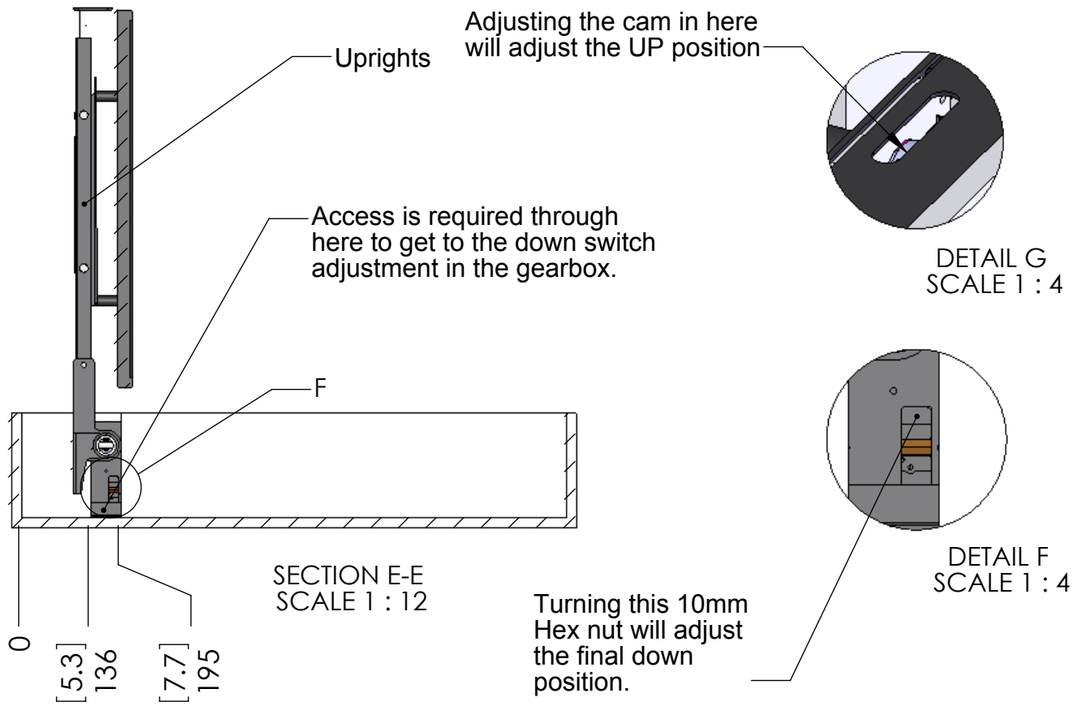


IMPORTANT

A gas ram on this side of the mechanism is used to stop the screen wobbling as it gets to the top. Be aware that the mechanism will need securing down to stop this half of the mechanism from lifting.





DETAIL G
SCALE 1 : 4

DETAIL F
SCALE 1 : 4

Fitting procedure will be as follows:

See control document to to see where the Infrared lead is plugged into the control box. Power up and try the IN and OUT function. Always get ready to press the STOP button. SEE GAS RAM NOTE ABOVE.

Place mechanism in box and fix down temporarily (Gas Ram). We will need to move the mechanism to aid in final alignment.

Remove Box Plate and fit centrally into to the Screen Box. Set at the back of box. (See section drawings)

Hang Screen on uprights and run cables through pivot tube. Screen spacers are required for screens less than 70mm deep.

Offer up screen box and adjust screen position. Secure screen box at the bottom with the two box brackets.

Operate the mechanism to the IN position and offer up the top panel. At this stage the position of the mechanism can be adjusted so that the top of the screen box lines up with the opening in the top panel. Then go OUT. The mechanism can now be secured in place.

Fix trim panel. Finally adjust the mechanism up and down switches.

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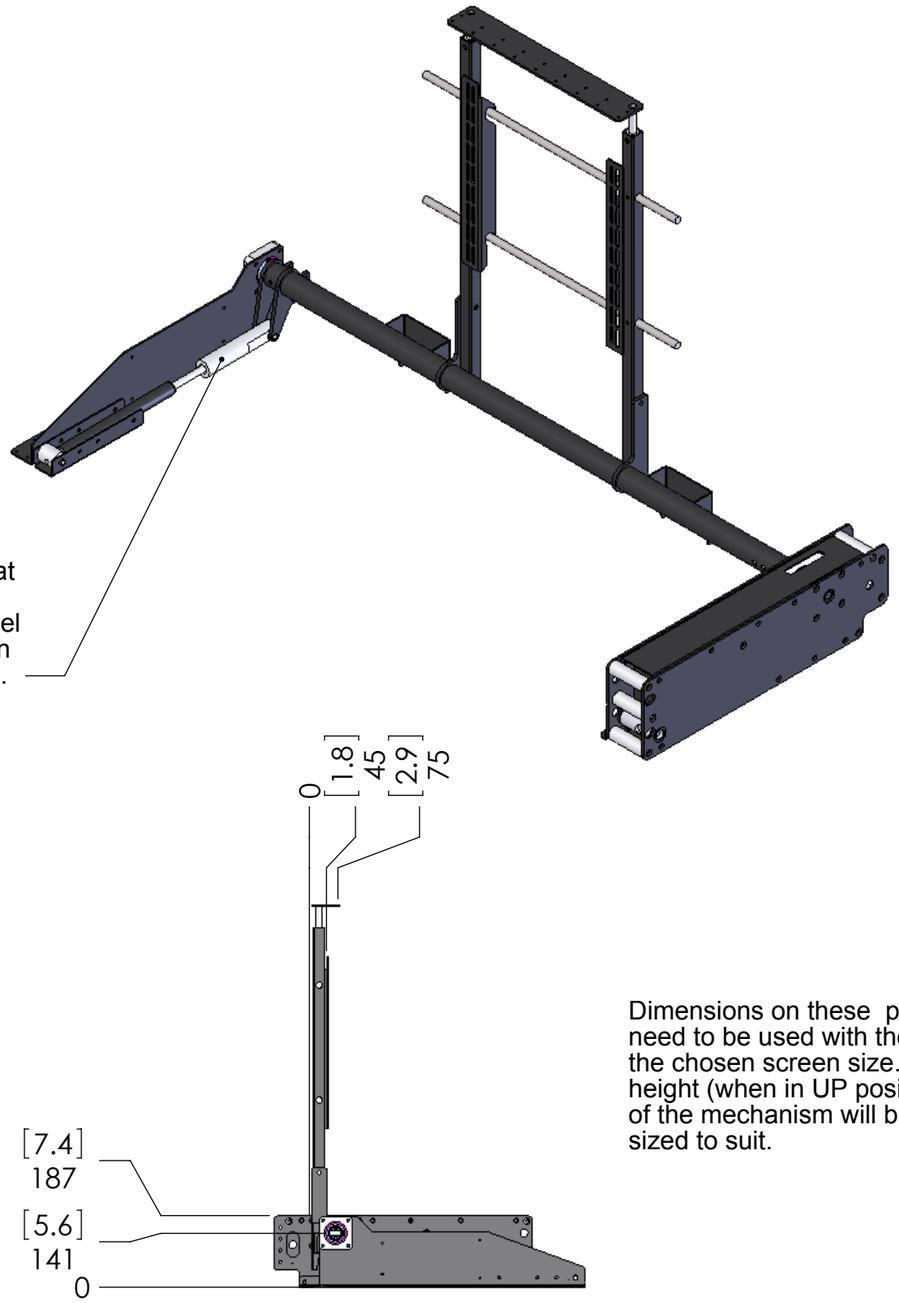

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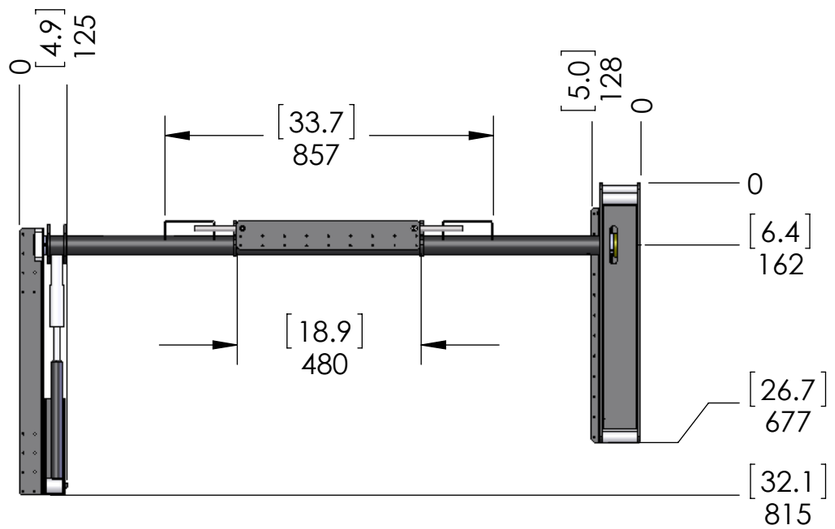

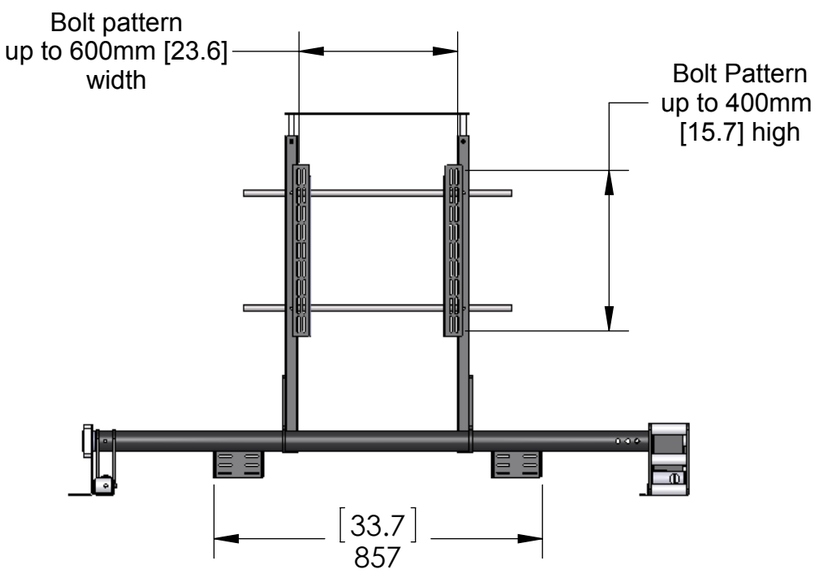

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