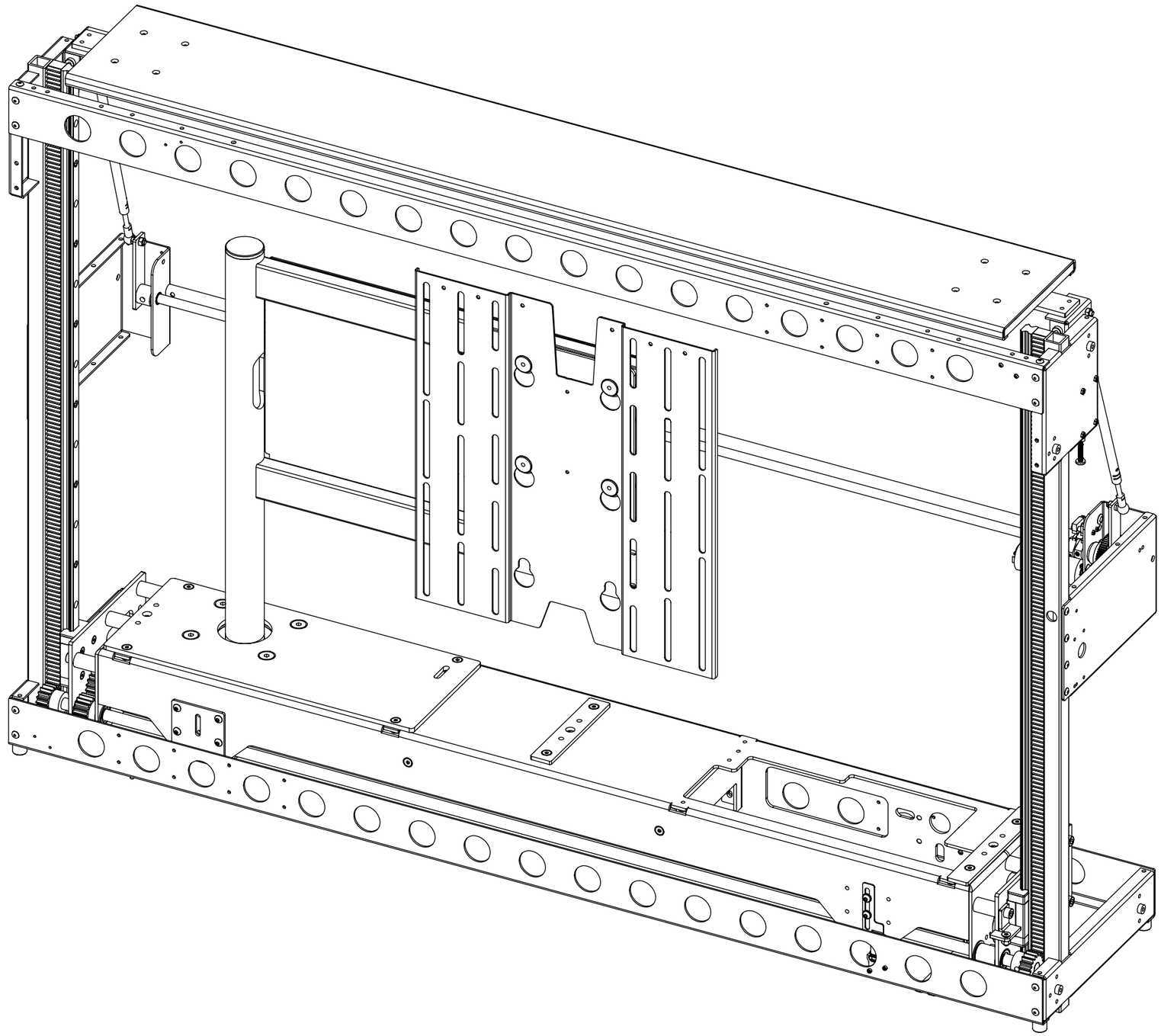
PLH
PLASMA LIFT HINGE

future automation



UK +44 (0) 1438 833577 **US** +1 (603) 742 9181
www.**FUTUREAUTOMATION**.NET

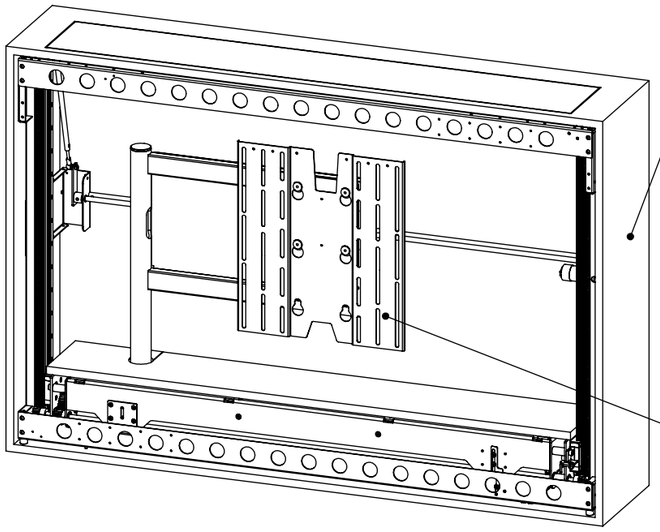
TECHNICAL SHEET
ISSUE 0015
SHEET 1

PLH
PLASMA LIFT HINGE

SPECIFICATION	MEASUREMENTS
Maximum Screen Depth	70mm (2 3/4")
Maximum Weight Capacity	25Kg (55lb)
Maximum Rotation	90˚ - left and right hinge options available (see table on sheet 5 for further details)
Movement Type	Motorised
Power Supply Required	240V or 110V
Power Consumption Max.	500W
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	Specific B&O and Loewe mounts / adapters, Custom RAL paint finishes, Marine suitable version available
Package Contents	Mechanism, IR remote control
Marine Suitable	No

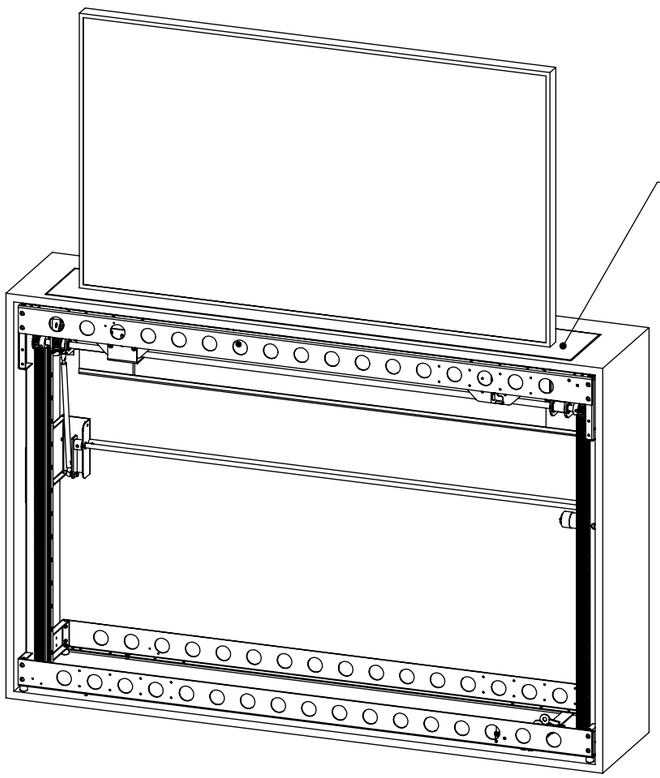
PLH
PLASMA LIFT HINGE

GENERAL INFORMATION



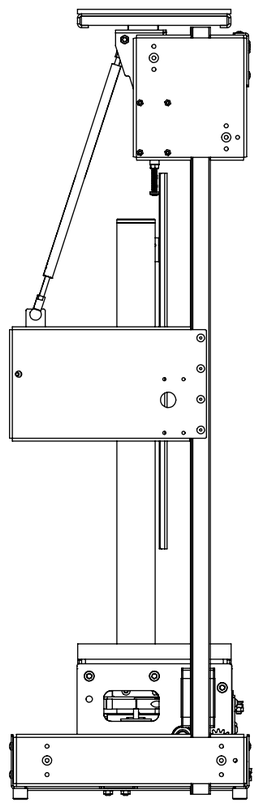
The mechanism is available in many different size options to accomodate a variety of cabinet dimensions.

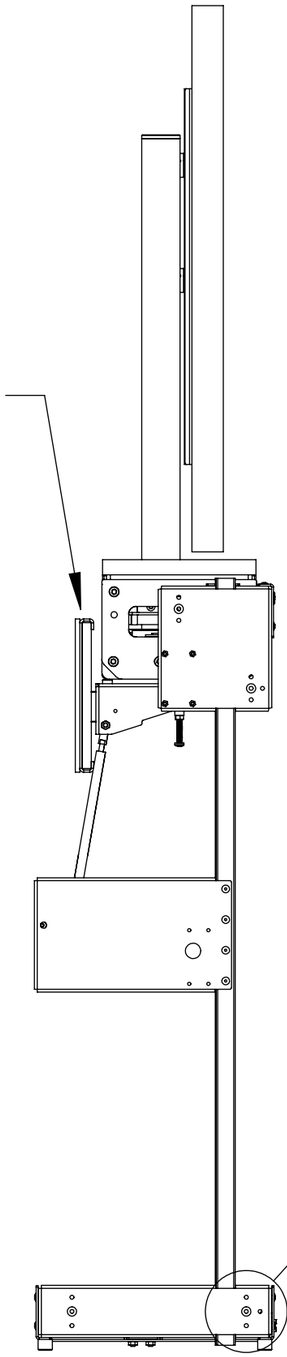
VESA 200, 300 & 400 mounting patterns available.



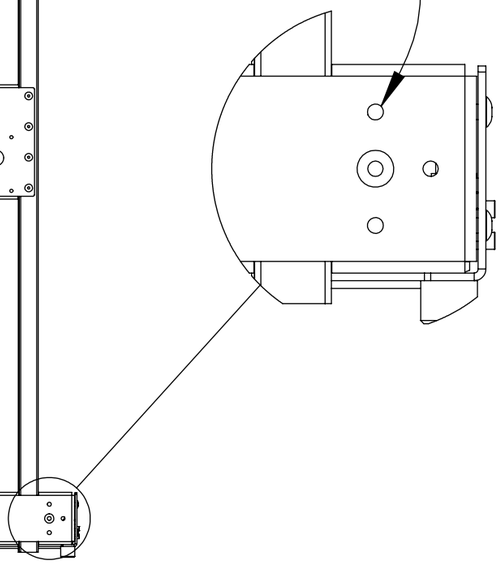
Once the TV is in the viewing position, the base panel fills the aperature in the cabinet top.

The electric flap lowers and rolls back into the cabinet before the TV is raised through the aperture.





Mounting holes to secure the mechanism to the cabinet.



UK +44 (0) 1438 833577 **US** +1 (603) 742 9181
www.**FUTUREAUTOMATION**.NET

TECHNICAL SHEET
ISSUE 0015
SHEET 3

PLH
PLASMA LIFT HINGE

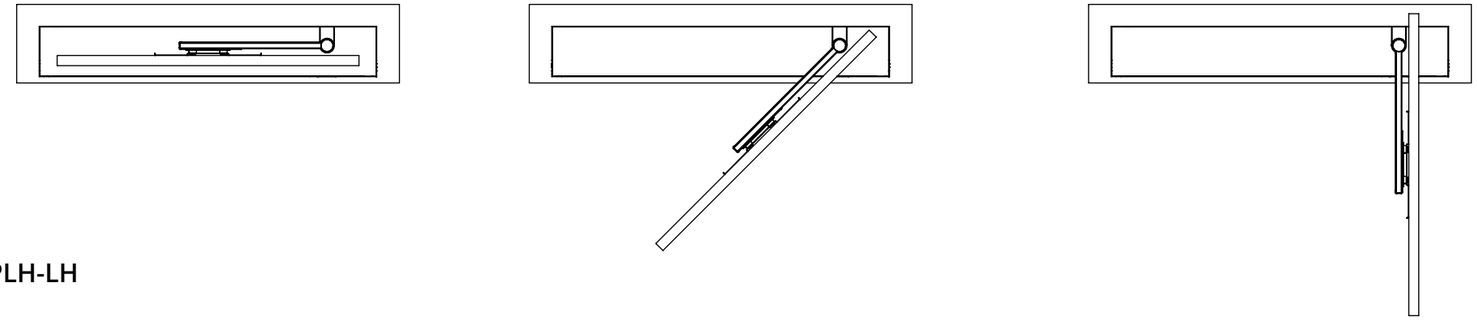
HINGE MECHANISM

The PLH mechanism allows a screen
to be rotated up to 90 about its end.

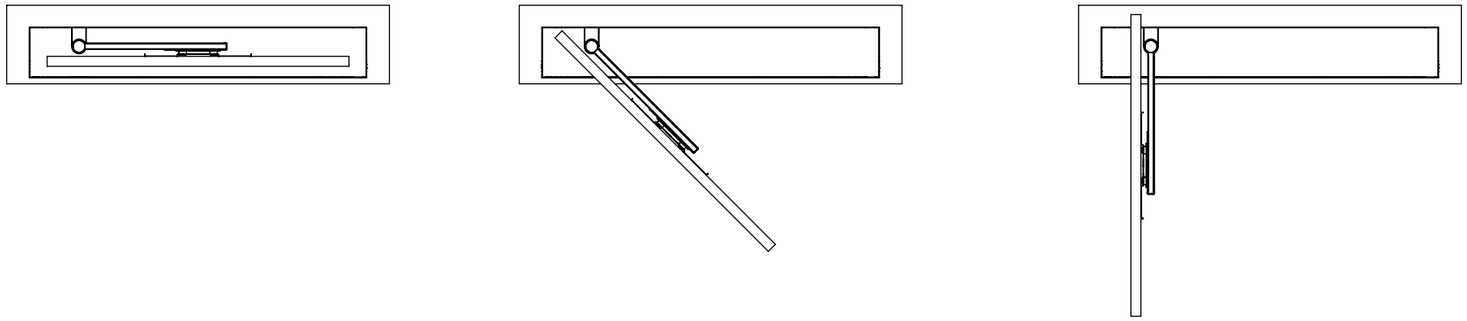
Left Handed and Right Handed versions are available.

Up to four user defined angular positions can be stored
in the mechanism memory via the IR remote control.

PLH-RH



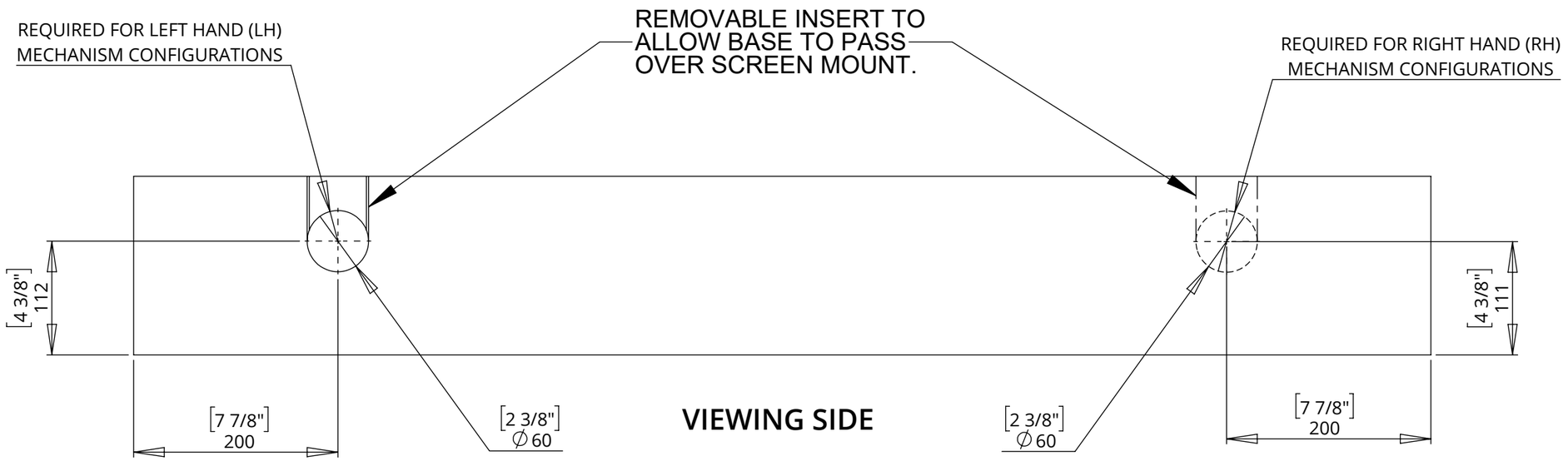
PLH-LH



BASE PANEL DETAILS

The base panel requires a circular cut out for the hinging
mount to fix through.

A removable insert is required to allow the base
panel to pass over the screen mount pole.



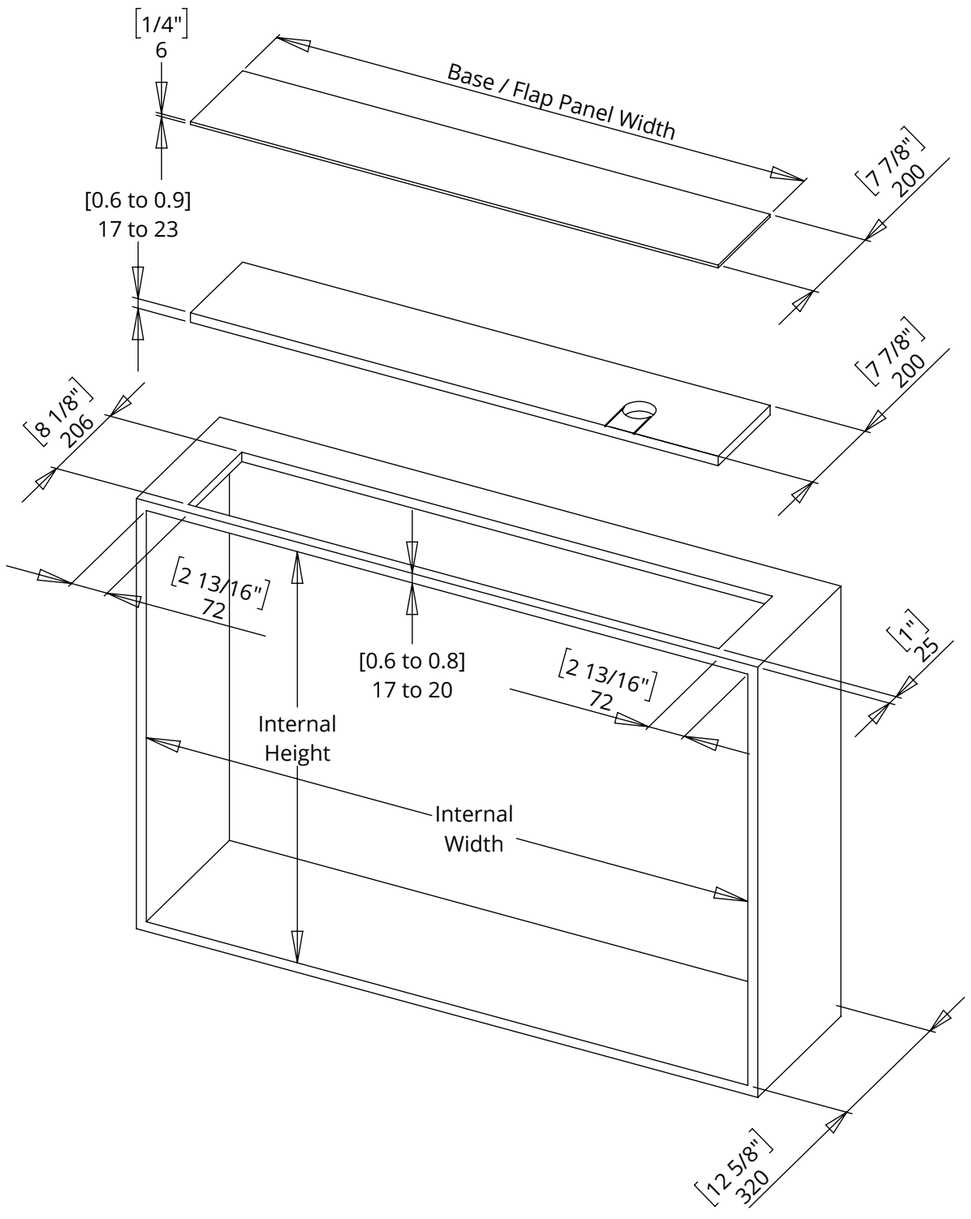
UK +44 (0) 1438 833577 **US** +1 (603) 742 9181
www.**FUTUREAUTOMATION**.NET

PLH
PLASMA LIFT HINGE

CABINET DIMENSIONS

Maximum screen thickness - 70mm [2 3/4"]
Maximum screen weight - 25kg [55lb]

Maximum flap panel weight - 4kg [9lb]
Maximum base panel weight - 6kg [13lb]

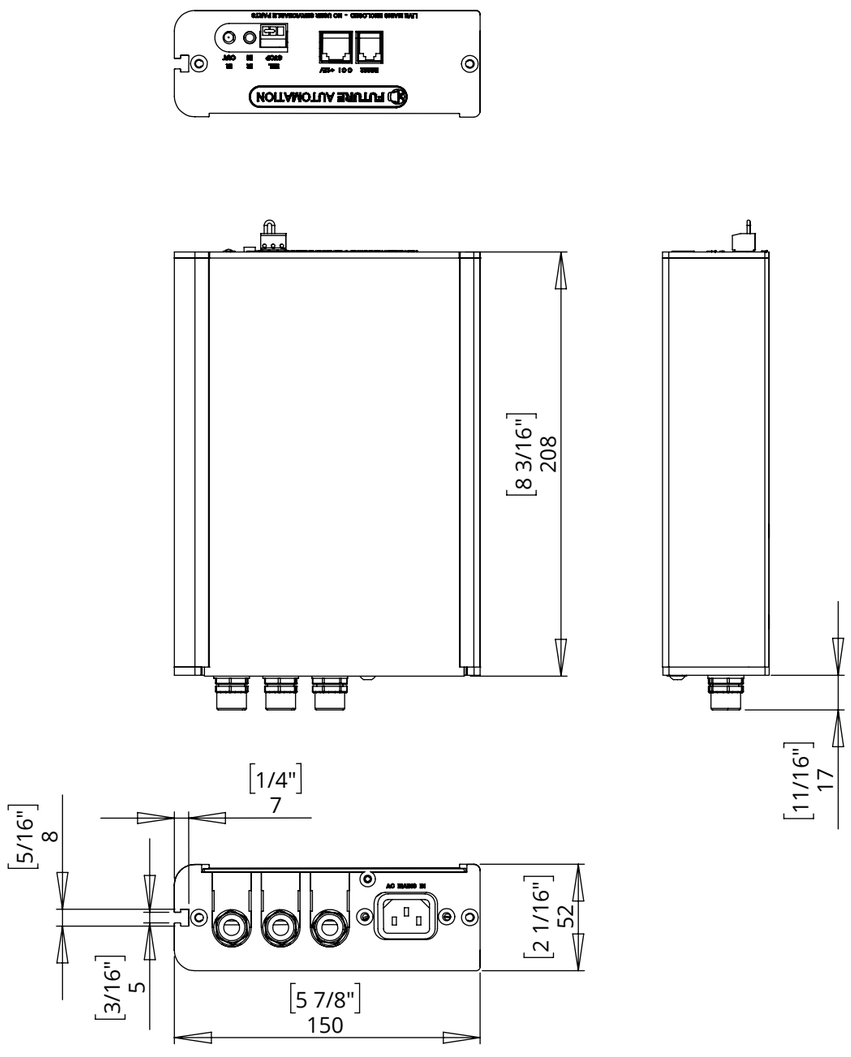


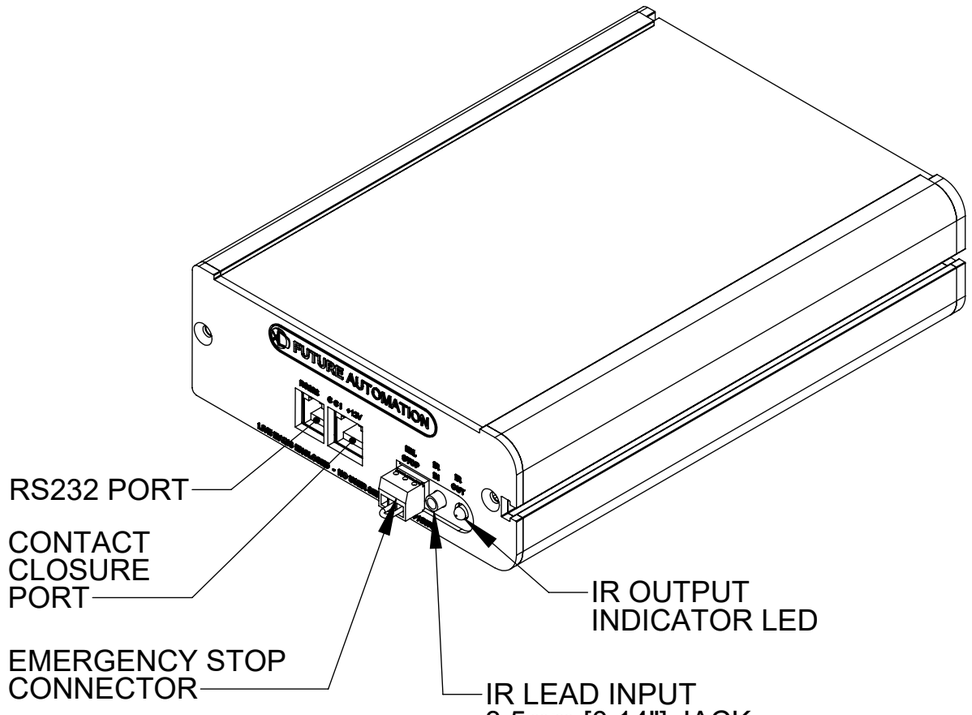
MAXIMUM SCREEN HEIGHT mm [inches]	INTERNAL HEIGHT mm [inches]
485 [19 1/8]	**H 760 [29 15/16]**
535 [21 1/16]	**H 810 [31 7/8]**
585 [23 1/16]	**H 860 [33 7/8]**
635 [25]	**H 910 [35 13/16]**
685 [26 15/16]	**H 960 [37 13/16]**
735 [28 15/16]	**H 1010 [38 3/4]**
785 [30 7/8]	**H 1060 [41 3/4]**
835 [32 7/8]	**H 1110 [43 11/16]**
885 [34 13/16]	**H 1160 [45 11/16]**
935 [36 13/16]	**H 1210 [47 5/8]**
985 [38 3/4]	**H 1260 [49 5/8]**

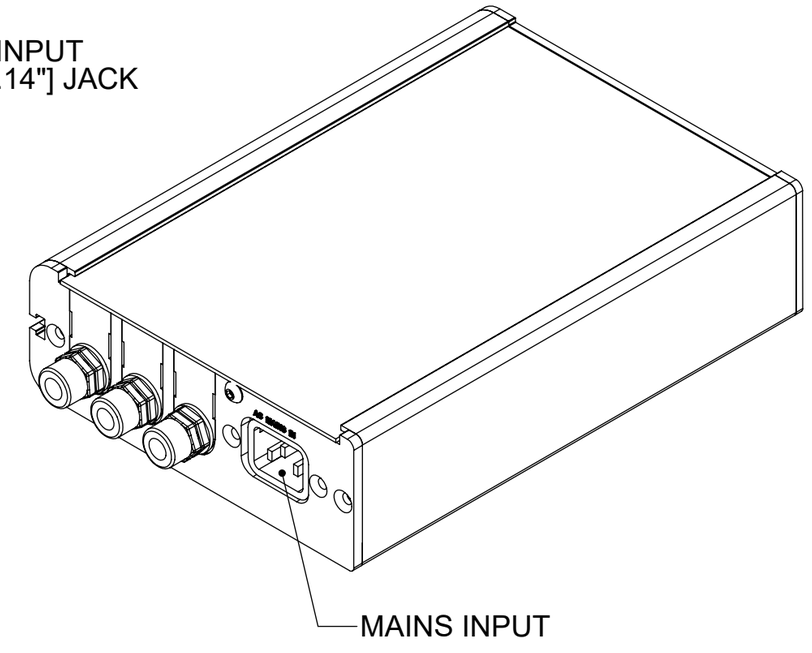
MAXIMUM SCREEN WIDTH - ROTATION <70° mm [inches]	MAXIMUM SCREEN WIDTH - ROTATION <90° mm [inches]	BASE / FLAP PANEL WIDTH mm [inches]	INTERNAL WIDTH mm [inches]
750 [29 1/2]	700 [27 9/16]	770 [30 5/16]	**W 920 [36 1/4]**
850 [33 7/16]	800 [31 1/2]	870 [34 1/4]	**W 1020 [40 3/16]**
950 [37 3/8]	900 [35 7/16]	970 [38 3/16]	**W 1120 [44 1/8]**
1050 [41 5/16]	1000 [39 3/8]	1070 [42 1/8]	**W 1220 [48 1/16]**
1150 [45 1/4]	1100 [43 5/16]	1170 [46 1/16]	**W 1320 [51 15/16]**
1250 [49 3/16]	1200 [47 1/4]	1270 [50]	**W 1420 [55 7/8]**
1350 [53 1/8]	1300 [51 3/16]	1370 [53 15/16]	**W 1520 [59 13/16]**
1450 [57 1/16]	1400 [55 1/8]	1470 [57 7/8]	**W 1620 [63 3/4]**
1550 [61"]	1500 [59 1/16"]	1570 [61 13/16"]	**W 1720 [67 11/16"]**

PLH
PLASMA LIFT HINGE

CONTROL BOX DETAILS







NOTES

- 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 CONTROL BOARD VIA STANDARD PHOENIX CONNECTORS.
- CABLE LOOM LENGTH SUPPLIED AT APPROX. 3m [118"]. LOOM CAN BE EXTENDED UP TO MAXIMUM OF APPROX. 10m [400"].
- MINIMUM CABLE BEND RADIUS 25mm [1"].