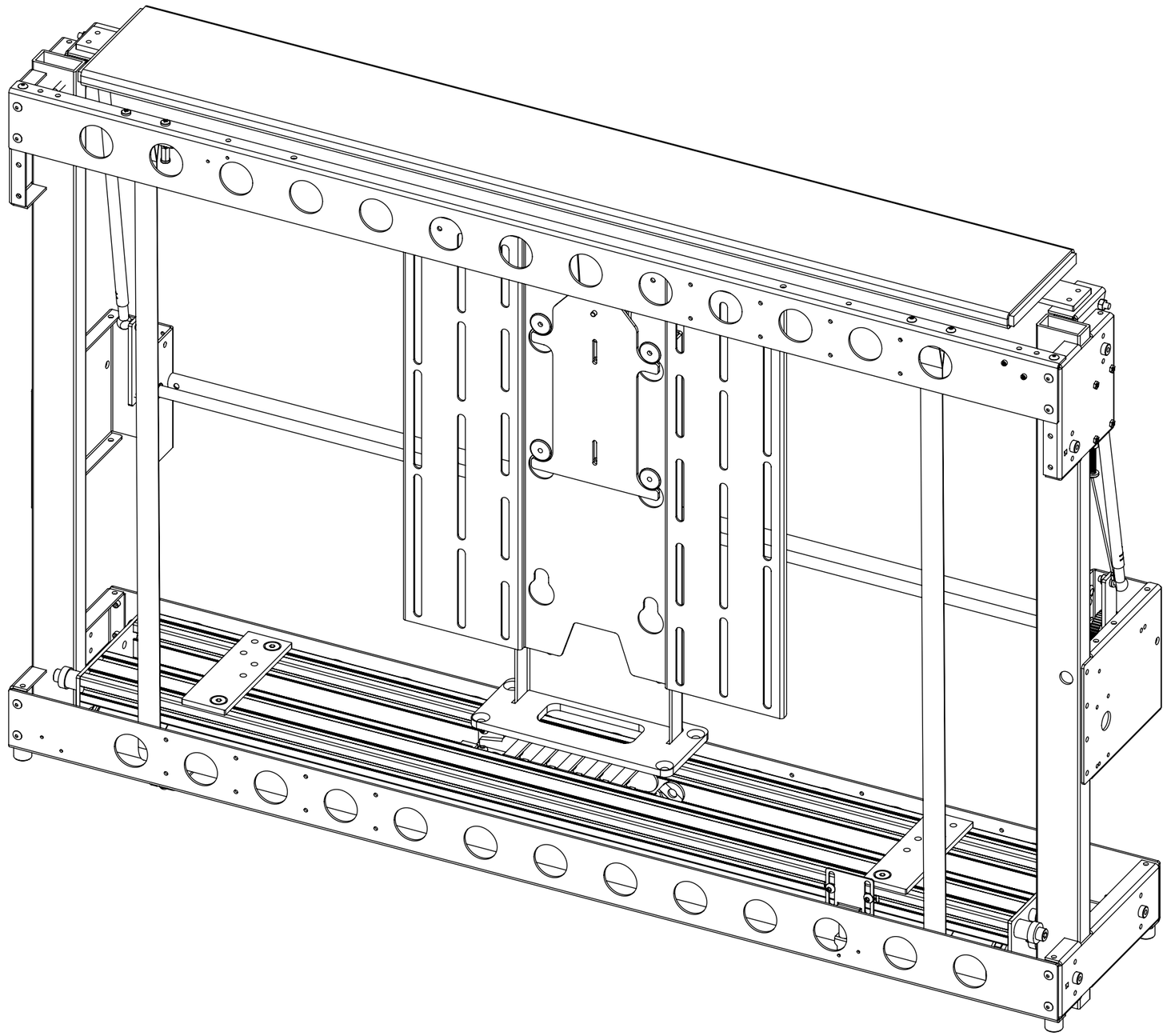
# PL
# TV LIFT MECHANISM



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**TECHNICAL SHEET**
ISSUE 014
SHEET 1

# PL
# TV LIFT MECHANISM

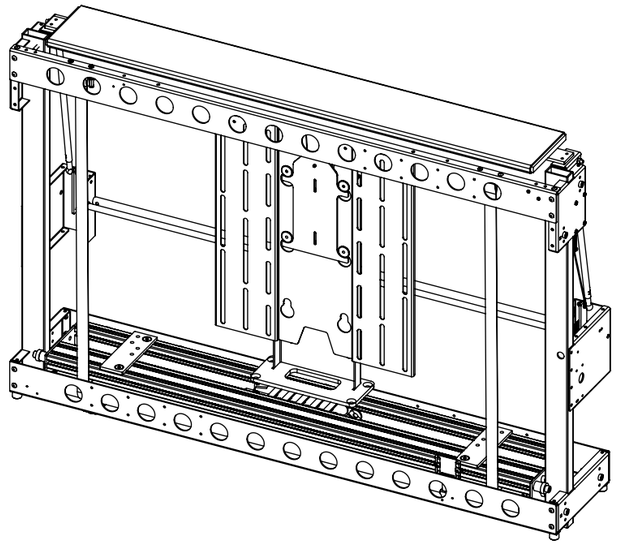
| SPECIFICATION | MEASUREMENTS |
|---|---|
| Maximum Screen Depth | 155mm (6 1/8") |
| Maximum Weight Capacity | 50Kg (110lbs) |
| Movement Type | Motorised |
| Power Supply Required | 240V or 110V |
| Power Consumption Max. | 250W - 500W |
| | |
| Mounting Patterns Supported | VESA 400, 300, 200 W x 400, 300, 200 H |
| Control Options | IR Remote, RS232, Contact Closure, hold-to-run operation |
| 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 |

# PL
# TV LIFT MECHANISM

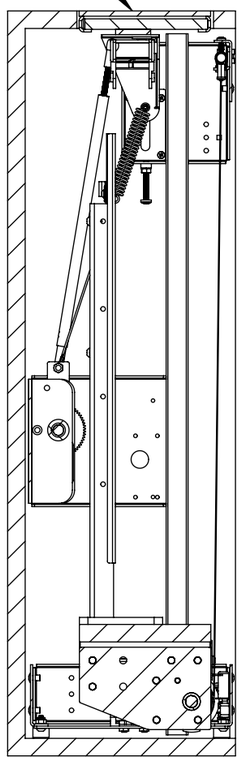
## DESIGN HIGHLIGHTS

The electric flap lowers down into the cabinet approx. 40mm [1 1/2"] before rolling back into the cabinet. The screen is then raised through the aperture in the cabinet top. Multiple size options are availble which are detailed on pages 4 to 6.

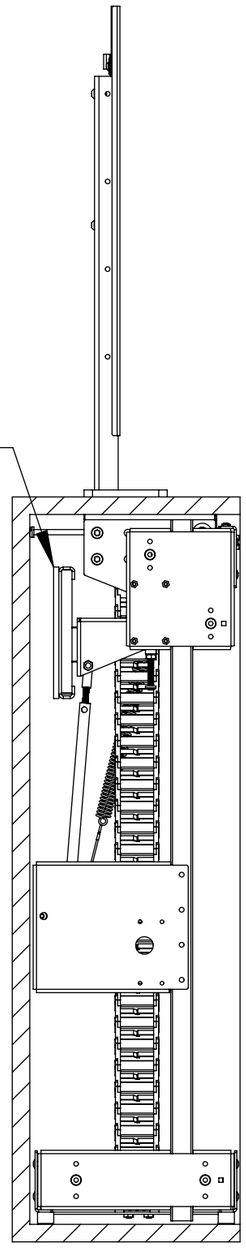
A swivel option is also available, detailed on page 7.

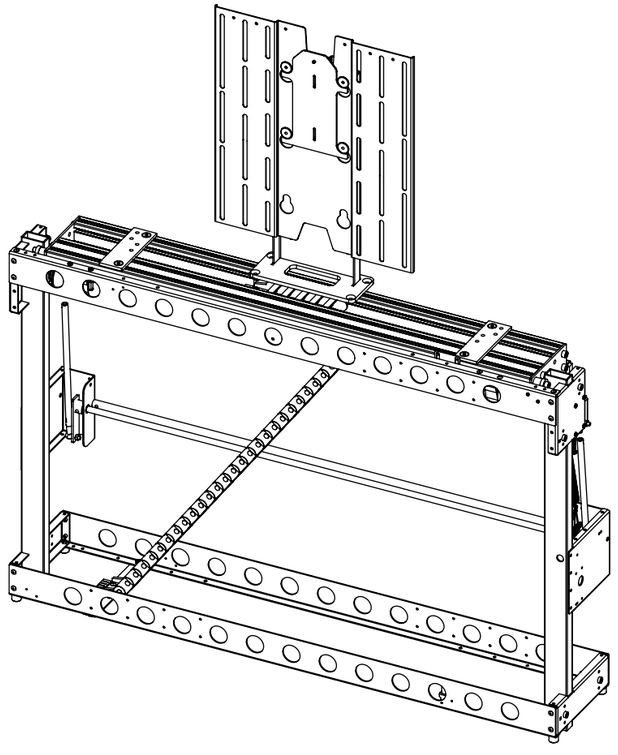


Flap panel visible
when screen is hidden



Flap panel concealed
within cabinet when
screen is revealed





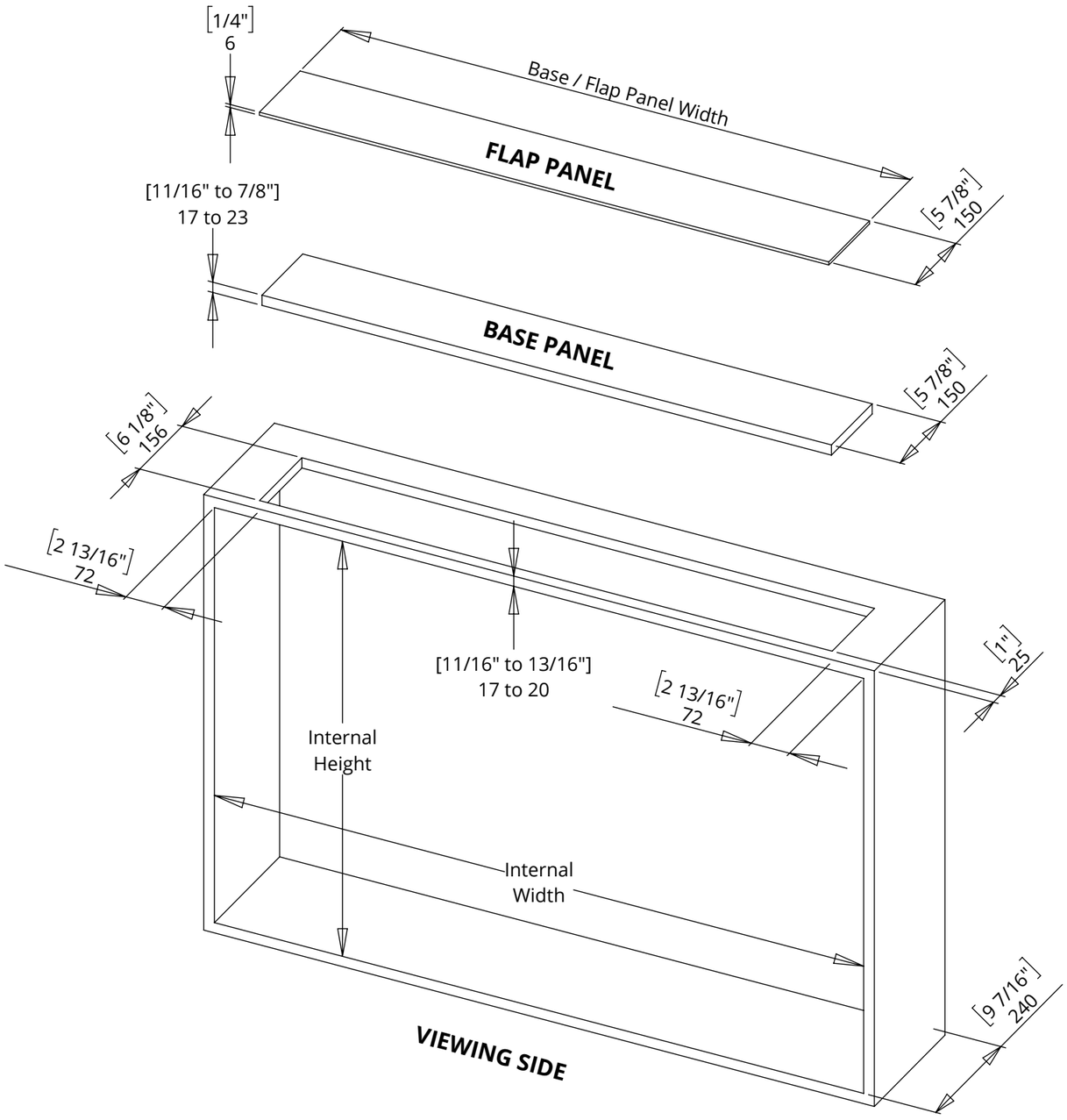
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**TECHNICAL SHEET**
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# PL
# TV LIFT MECHANISM

## PL BESPOKE - SLIM

Maximum screen thickness - 105mm [4 1/8"]  Maximum flap panel weight - 4Kg [9lb]
Maximum screen weight - 50Kg [110lb]  Maximum base panel weight - 6Kg [13lb]



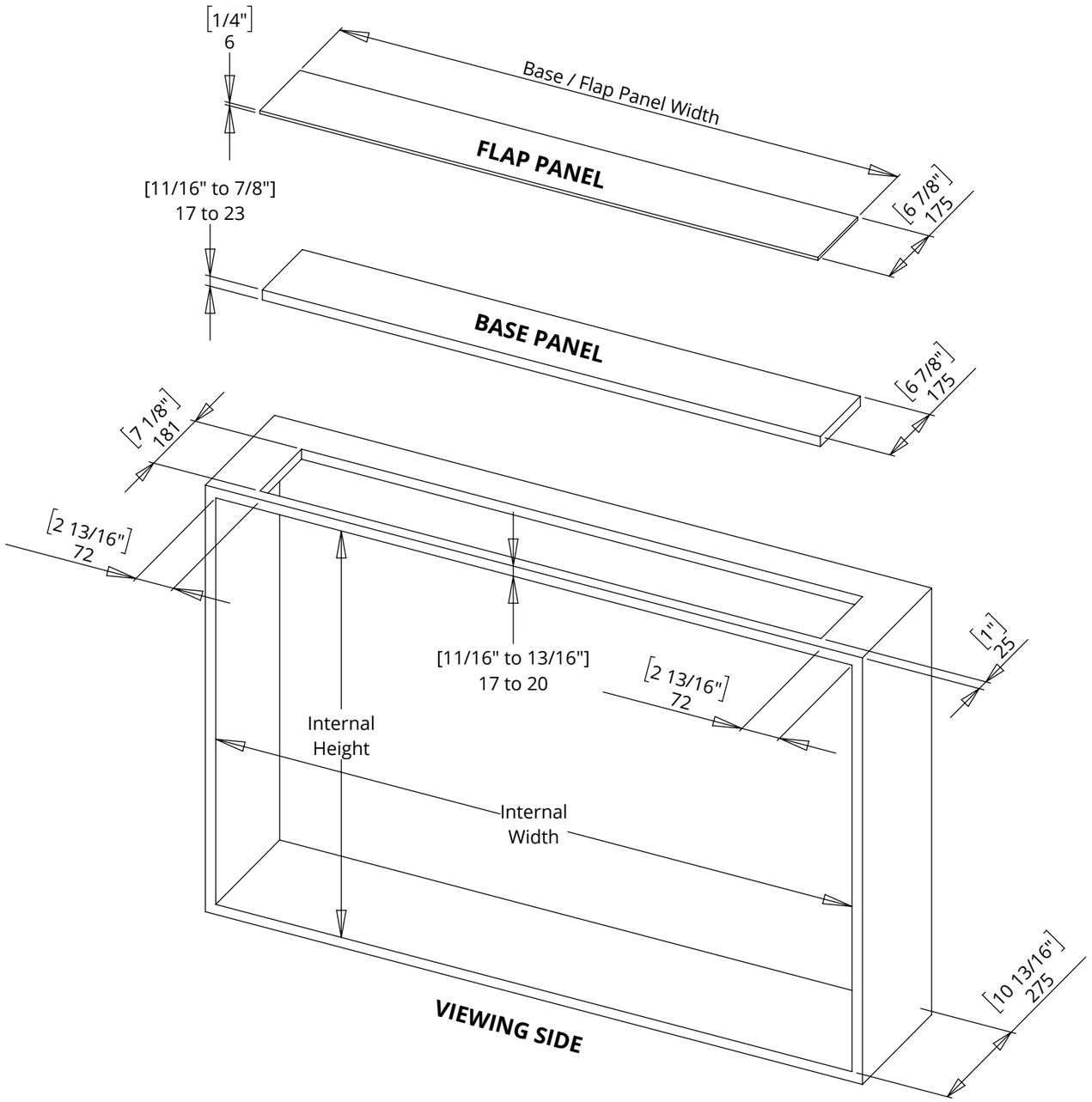

| MAXIMUM SCREEN HEIGHT mm [inches] | MAXIMUM SCREEN HEIGHT FOR SWIVEL | INTERNAL HEIGHT mm [inches] |
|---|---|---|
| 530 [20 7/8"] | SWIVEL OPTION NOT AVAILABLE ON SLIM PL LIFT MECHANISMS | **H 710 [27 15/16"]** |
| 580 [22 13/16"] | | **H 760 [29 15/16"]** |
| 630 [24 13/16"] | | **H 810 [31 7/8"]** |
| 680 [26 3/4"] | | **H 860 [33 7/8"]** |
| 730 [28 3/4"] | | **H 910 [35 13/16"]** |
| 780 [30 11/16"] | | **H 960 [37 13/16"]** |
| 830 [32 11/16"] | | **H 1010 [39 3/4"]** |
| 880 [34 5/8"] | | **H 1060 [41 3/4"]** |

| MAXIMUM SCREEN WIDTH mm [inches] | BASE / FLAP PANEL WIDTH mm [inches] | INTERNAL WIDTH mm [inches] |
|---|---|---|
| 650 [25 9/16"] | 670 [26 3/8"] | **W 820 [32 5/16"]** |
| 750 [29 1/2"] | 770 [30 5/16"] | **W 920 [36 1/4"]** |
| 850 [33 1/2"] | 870 [34 1/4"] | **W 1020 [40 3/16"]** |
| 950 [37 3/8"] | 970 [38 3/16"] | **W 1120 [44 1/8"]** |
| 1050 [41 5/16"] | 1070 [42 1/8"] | **W 1220 [48 1/16"]** |
| 1150 [45 1/4"] | 1170 [46 1/16"] | **W 1320 [51 15/16"]** |
| 1250 [49 3/16"] | 1270 [50"] | **W 1420 [55 7/8"]** |
| 1350 [53 1/8"] | 1370 [53 15/16"] | **W 1520 [59 13/16"]** |
| 1450 [57 1/16"] | 1470 [57 7/8"] | **W 1620 [63 3/4"]** |
| 1550 [61"] | 1570 [61 13/16"] | **W 1720 [67 11/16"]** |
| 1650 [65"] | 1670 [65 3/4"] | **W 1820 [71 5/8"]** |

# PL
# TV LIFT MECHANISM

## PL BESPOKE - DEEP

Maximum screen thickness - 130mm [5 1/8"]
Maximum screen weight - 50Kg [110lb]
Maximum flap panel weight - 4Kg [9lb]
Maximum base panel weight - 6Kg [13lb]




| MAXIMUM SCREEN HEIGHT mm [inches] | MAXIMUM SCREEN HEIGHT FOR SWIVEL mm [inches] | INTERNAL HEIGHT mm [inches] |
|---|---|---|
| 530 [20 7/8"] | 520 [20 1/2"] | **H 710 [27 15/16"]** |
| 580 [22 13/16"] | 570 [22 7/16"] | **H 760 [29 15/16"]** |
| 630 [24 13/16"] | 620 [24 7/16"] | **H 810 [31 7/8"]** |
| 680 [26 3/4"] | 670 [26 3/8"] | **H 860 [33 7/8"]** |
| 730 [28 3/4"] | 720 [28 3/8"] | **H 910 [35 13/16"]** |
| 780 [30 11/16"] | 770 [30 5/16"] | **H 960 [37 13/16"]** |
| 830 [32 11/16"] | 820 [32 5/16"] | **H 1010 [39 3/4"]** |
| 880 [34 5/8"] | 870 [34 1/4"] | **H 1060 [41 3/4"]** |

| MAXIMUM SCREEN WIDTH mm [inches] | BASE / FLAP PANEL WIDTH mm [inches] | INTERNAL WIDTH mm [inches] |
|---|---|---|
| 650 [25 9/16"] | 670 [26 3/8"] | **W 820 [32 5/16"] **** |
| 750 [29 1/2"] | 770 [30 5/16"] | **W 920 [36 1/4"]** |
| 850 [33 1/2"] | 870 [34 1/4"] | **W 1020 [40 3/16"]** |
| 950 [37 3/8"] | 970 [38 3/16"] | **W 1120 [44 1/8"]** |
| 1050 [41 5/16"] | 1070 [42 1/8"] | **W 1220 [48 1/16"]** |
| 1150 [45 1/4"] | 1170 [46 1/16"] | **W 1320 [51 15/16"]** |
| 1250 [49 3/16"] | 1270 [50"] | **W 1420 [56 7/8"]** |
| 1350 [53 1/8"] | 1370 [53 15/16"] | **W 1520 [59 13/16"]** |
| 1450 [57 1/16"] | 1470 [57 7/8"] | **W 1620 [63 3/4"]** |
| 1550 [61"] | 1570 [61 13/16"] | **W 1720 [67 11/16"]** |
| 1650 [64 15/16"] | 1670 [65 3/4"] | **W 1820 [71 5/8"]** |

** Swivel option NOT available with this width.

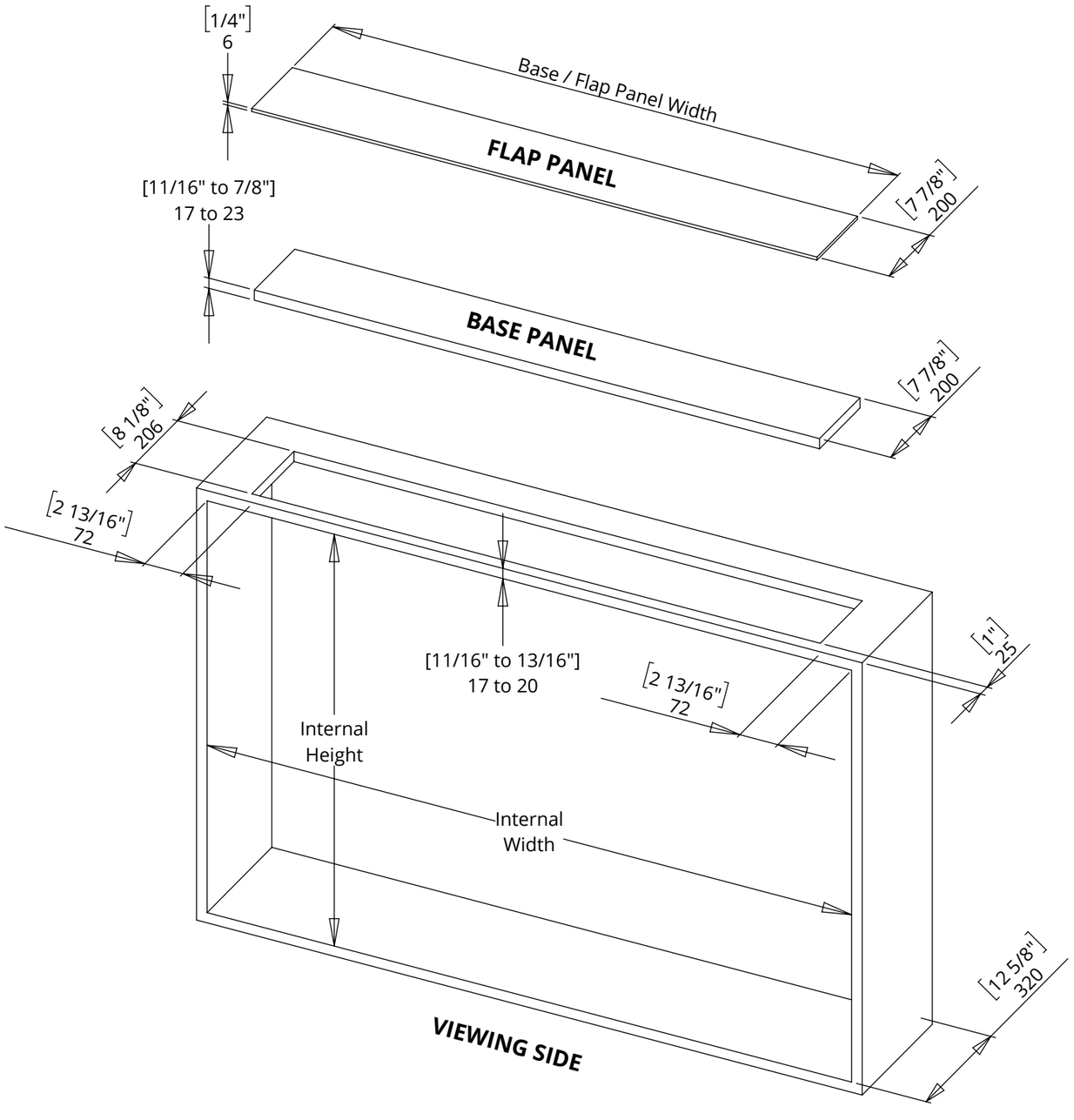
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**IMPORTANT:** When opting for a swivelling mechanism (PLS), maximum screen thickness is then reduced to 115mm [4 1/2"].

# PL
# TV LIFT MECHANISM

## PL BESPOKE - SUPER DEEP

Maximum screen thickness - 155mm [6 1/8"]
Maximum screen weight - 50Kg [110lb]
Maximum flap panel weight - 4Kg [9lb]
Maximum base panel weight - 6Kg [13lb]




| MAXIMUM SCREEN HEIGHT mm [inches] | MAXIMUM SCREEN HEIGHT FOR SWIVEL mm [inches] | INTERNAL HEIGHT mm [inches] |
|---|---|---|
| 530 [20 7/8"] | 520 [20 1/2"] | **H 710 [27 15/16"]** |
| 580 [22 13/16"] | 570 [22 7/16"] | **H 760 [29 15/16"]** |
| 630 [24 13/16"] | 620 [24 7/16"] | **H 810 [31 7/8"]** |
| 680 [26 3/4"] | 670 [26 3/8"] | **H 860 [33 7/8"]** |
| 730 [28 3/4"] | 720 [28 3/8"] | **H 910 [35 13/16"]** |
| 780 [30 11/16"] | 770 [30 5/16"] | **H 960 [37 13/16"]** |
| 830 [32 11/16"] | 820 [32 5/16"] | **H 1010 [39 3/4"]** |
| 880 [34 5/8"] | 870 [34 1/4"] | **H 1060 [41 3/4"]** |

| MAXIMUM SCREEN WIDTH mm [inches] | BASE / FLAP PANEL WIDTH mm [inches] | INTERNAL WIDTH mm [inches] |
|---|---|---|
| 650 [25 9/16"] | 670 [26 3/8"] | **W 820 [32 5/16"] **** |
| 750 [29 1/2"] | 770 [30 5/16"] | **W 920 [36 1/4"]** |
| 850 [33 1/2"] | 870 [34 1/4"] | **W 1020 [40 3/16"]** |
| 950 [37 3/8"] | 970 [38 3/16"] | **W 1120 [44 1/8"]** |
| 1050 [41 5/16"] | 1070 [42 1/8"] | **W 1220 [48 1/16"]** |
| 1150 [45 1/4"] | 1170 [46 1/16"] | **W 1320 [51 15/16"]** |
| 1250 [49 3/16"] | 1270 [50"] | **W 1420 [56 7/8"]** |
| 1350 [53 1/8"] | 1370 [53 15/16"] | **W 1520 [59 13/16"]** |
| 1450 [57 1/16"] | 1470 [57 7/8"] | **W 1620 [63 3/4"]** |
| 1550 [61"] | 1570 [61 13/16"] | **W 1720 [67 11/16"]** |
| 1650 [64 15/16"] | 1670 [65 3/4"] | **W 1820 [71 5/8"]** |

** Swivel option NOT available with this width.



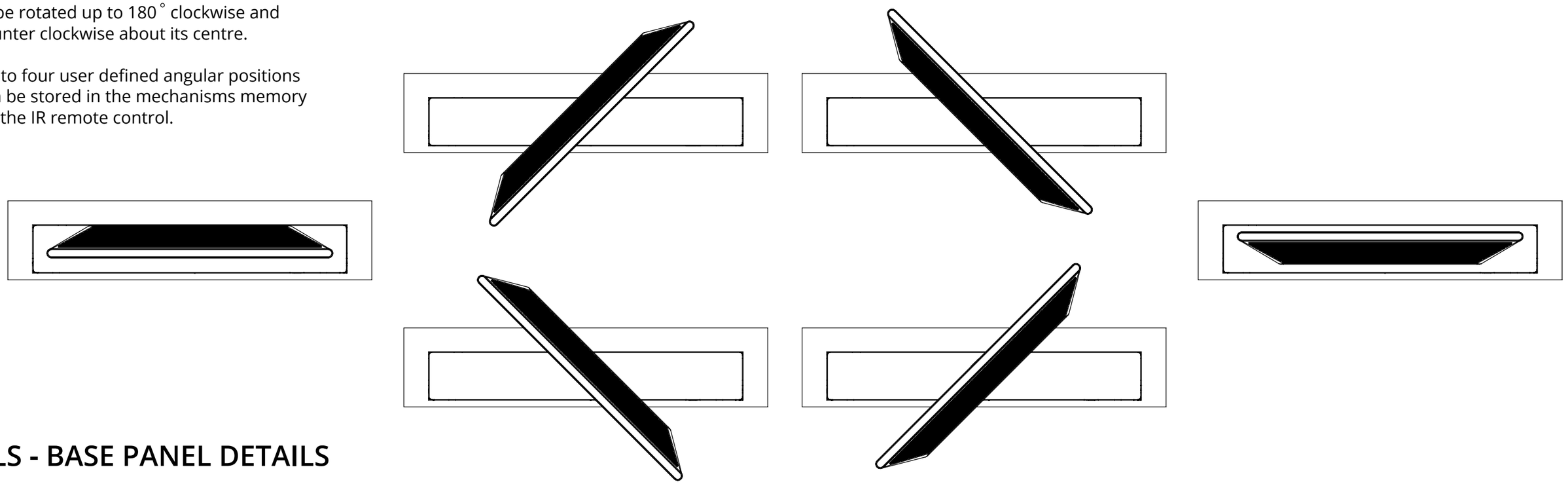
**IMPORTANT:** When opting for a swivelling mechanism (PLS), maximum screen thickness is then reduced to 130mm [5 1/8"].

# PL
# TV LIFT MECHANISM

## PLS - LIFT SWIVEL FUNCTION

The PLS mechanism allows a screen to be rotated up to 180° clockwise and counter clockwise about its centre.

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

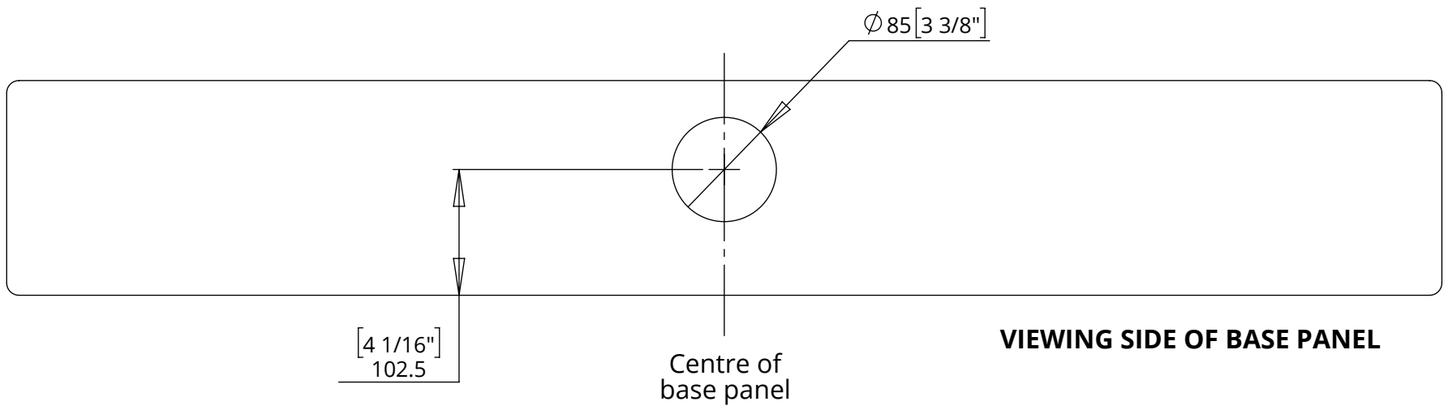


## PLS - BASE PANEL DETAILS

The PLS mechanism requires the same base panel dimensions as a PL mechanism.

The base panel used on a PLS mechanism simply requires an additional circular cut out for the swivelling mount the fix through.

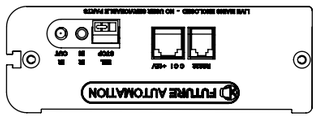
Dimensions shown, right, are correct for Deep (D275) and Super Deep (D320) PLS mechanisms.

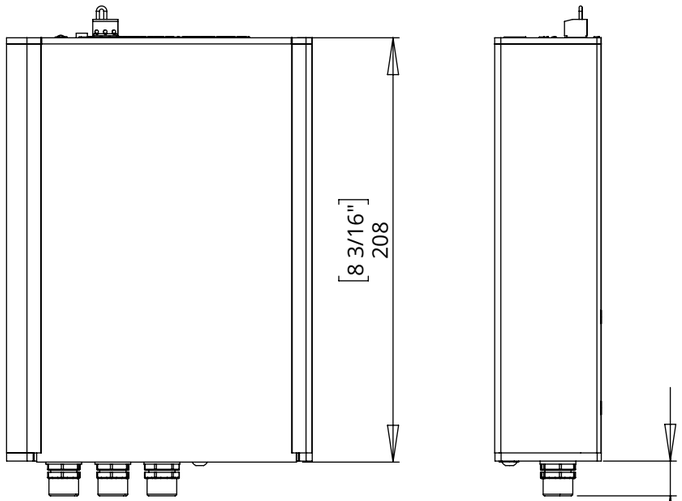


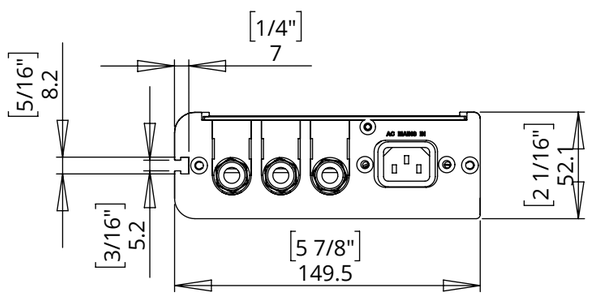

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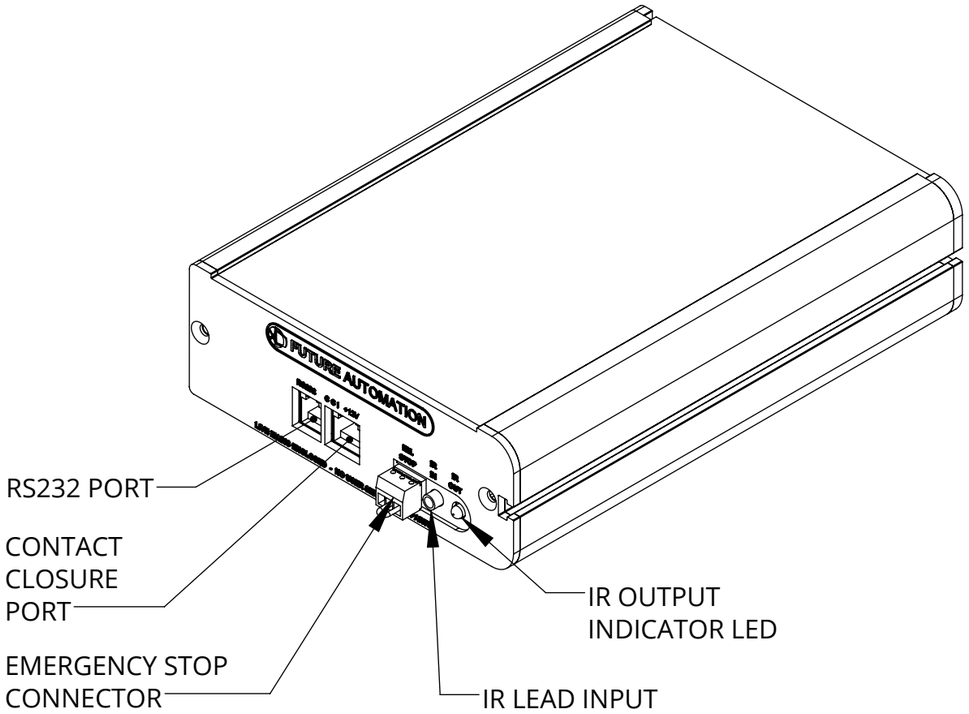
# PL
# TV LIFT MECHANISM

## 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"].

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