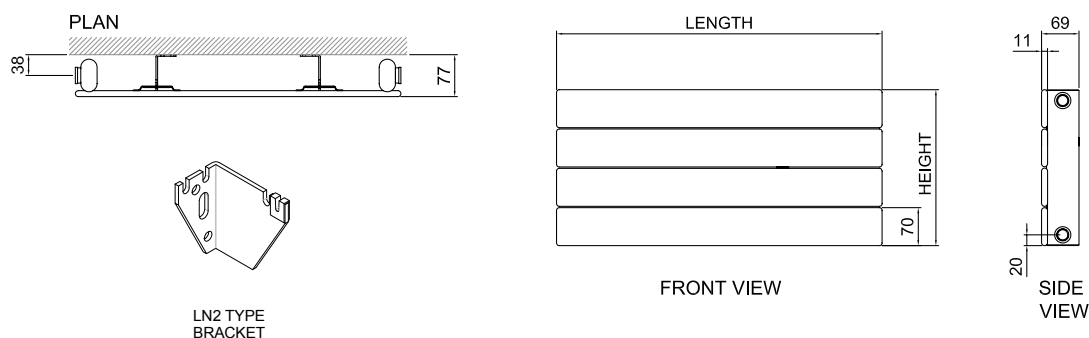


Dimensional Information

Precision Horizontal models

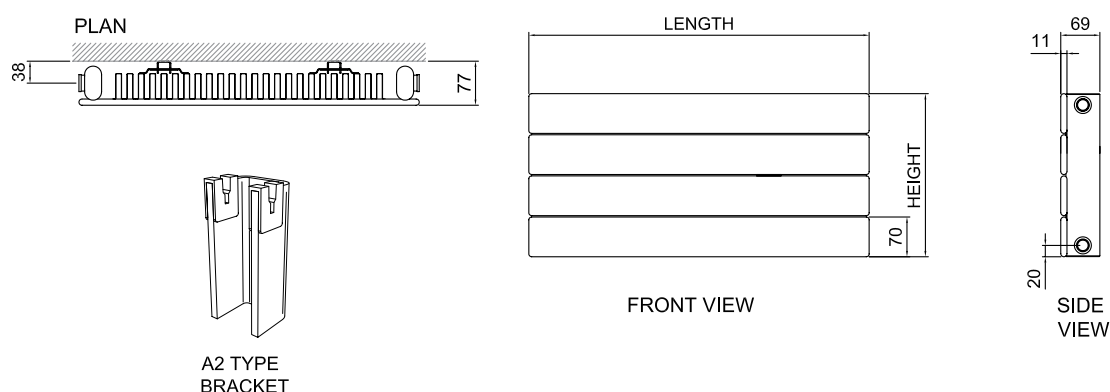
H10

Standard model shown with 1/2" (15mm) BDAC connections



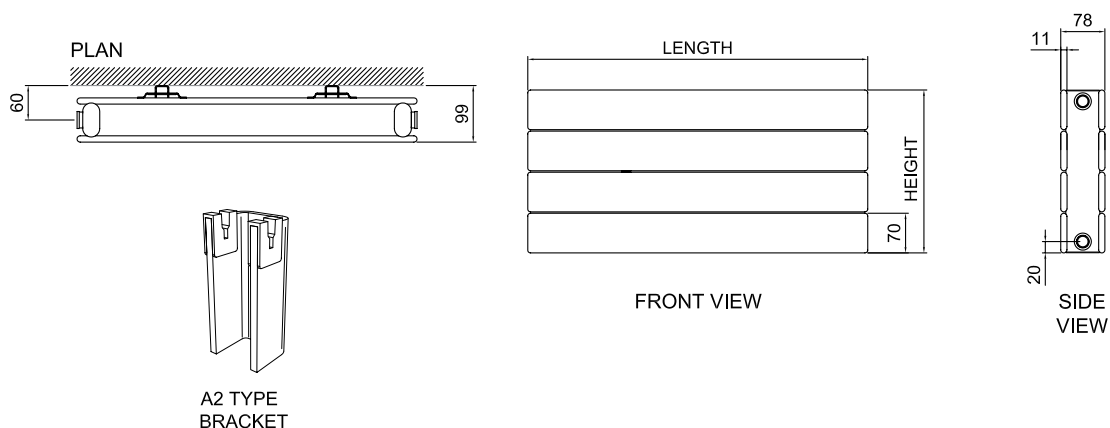
H11

Standard model shown with 1/2" (15mm) BDAC connections



H20

Standard model shown with 1/2" (15mm) BDAC connections



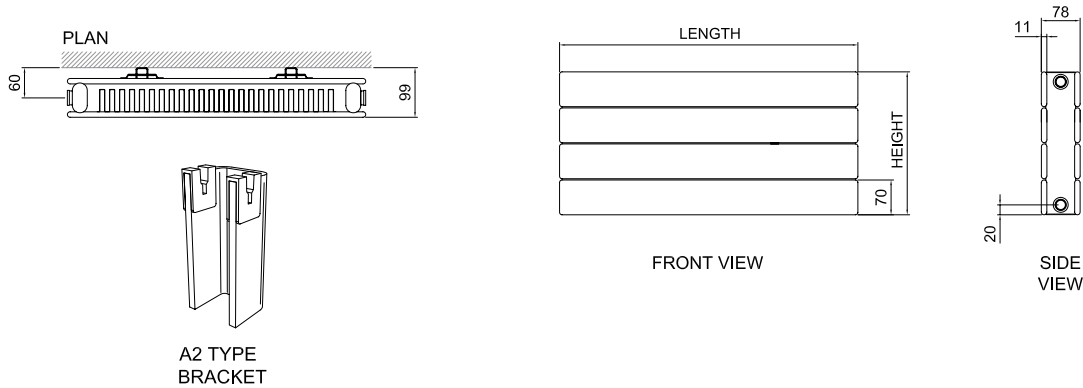
For connection options, see pages 31-33

Dimensional Information

Precision Horizontal models

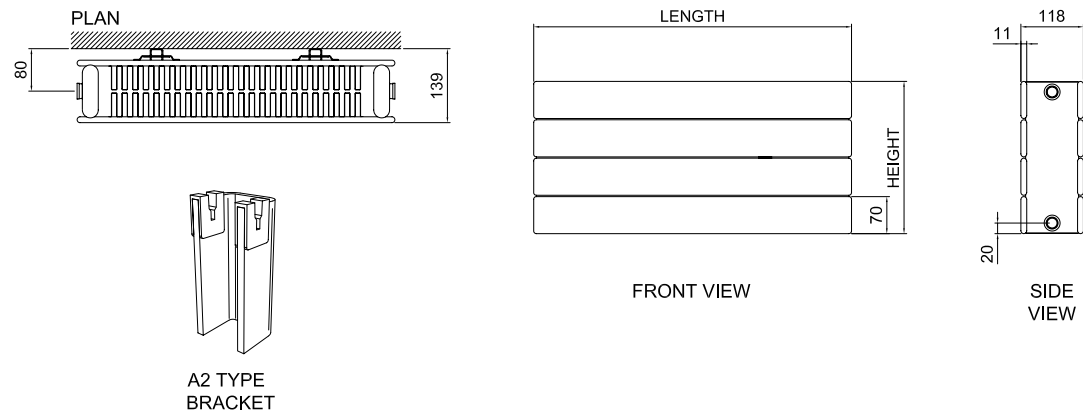
H21

Standard model shown with 1/2" (15mm) BDAC connections



H22S

Standard model shown with 1/2" (15mm) BDAC connections

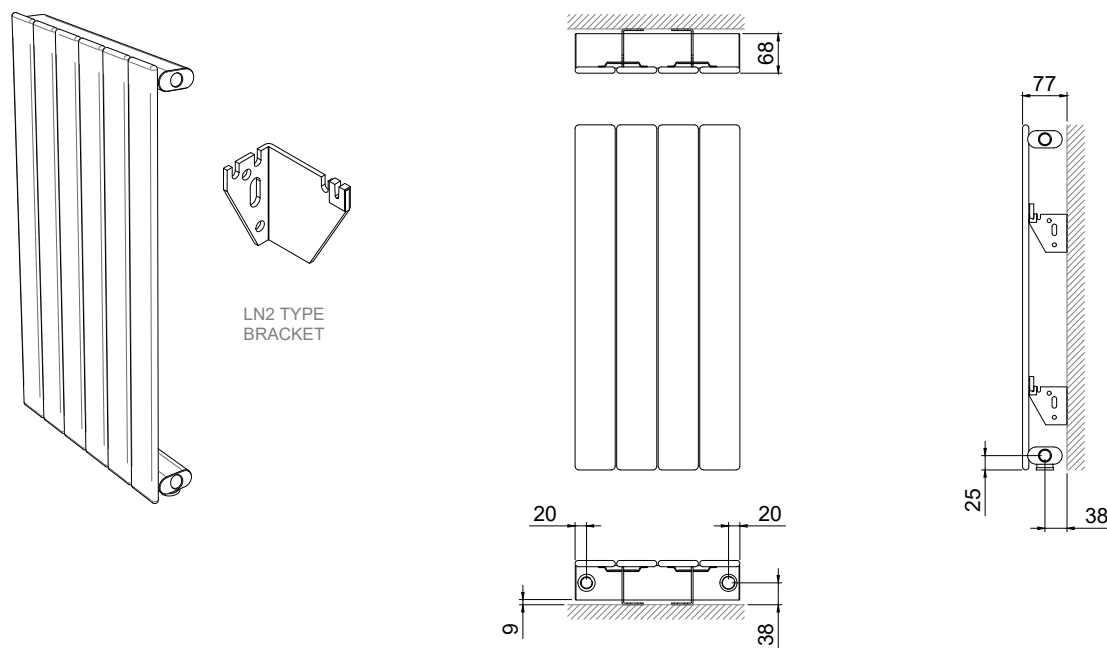


Dimensional Information

Precision Vertical models

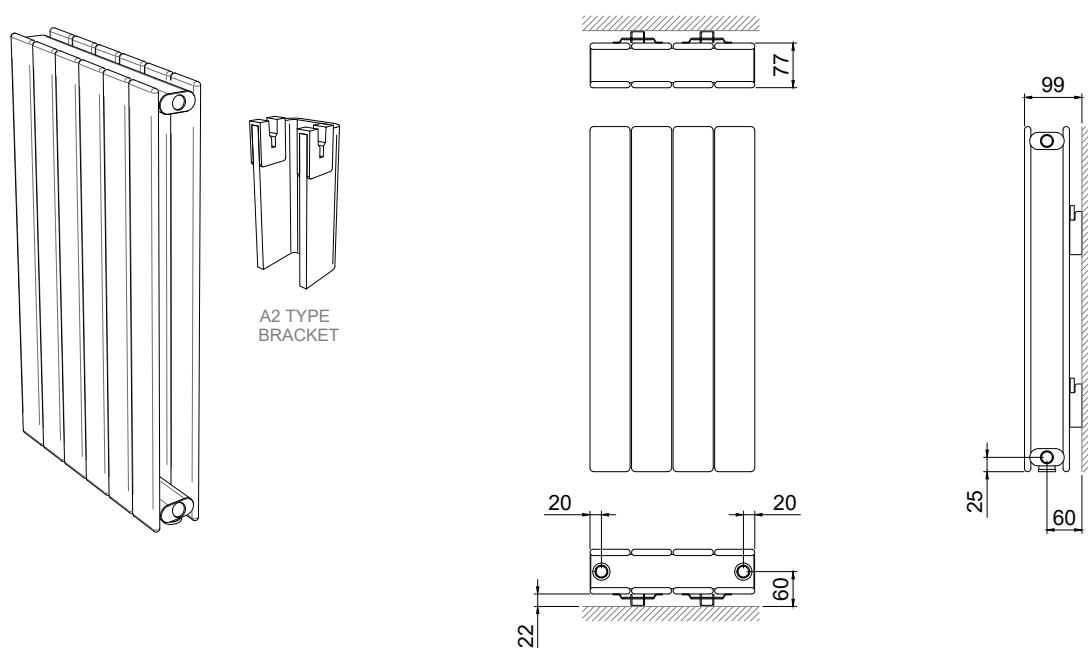
V10

Standard model shown with EFABCD connections



V20

Standard model shown with EFABCD connections

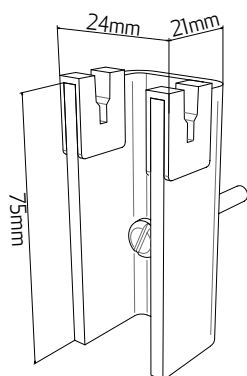


Mounting Details

Precision models - Connection & bracket dimensions

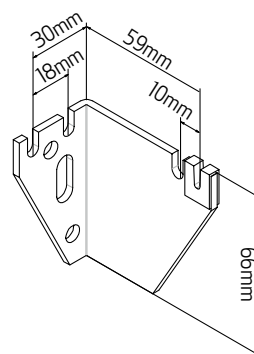
Type	H10 (mm)	H11 (mm)	H20 (mm)	H21 (mm)	H22S (mm)	V10 (mm)	V20 (mm)
Radiator depth (ex. Wall Bracket)	69	69	78	78	118	68	77
Overall Radiator Depth Inc. Brackets	77	77	99	99	139	77	99
Bracket Depth	59	21	21	21	21	59	21
Wall to Centre of Connection	38	38	60	60	80	38	60
Front of Radiator to Centre of Connection	39	39	39	39	59	39	39
Back of Radiator to Wall	8	8	21	21	21	9	22
Bottom of Radiator to Centre of Bottom Connection (BD/DB Connections)	20	20	20	20	20	25	25
Top of Radiator to Centre of Connection (AC/CA Connections)	20	20	20	20	20	25	25
Outside Edge of Radiator to Centre of Connection (EF/FE/GH/HG Connection)	20	20	20	20	20	20	20
Pipe Dimension Centres (V10/V20) (EF/GH Connections)	-	-	-	-	-	-40 (Overall Length)	-40 (Overall Length)

WALL BRACKETS



A2 Type bracket
Horizontal: H11, H20, H21 & H22S
Vertical: V20

Part Number: DESA2K3



LN2 Type bracket
Horizontal: H10
Vertical: V10

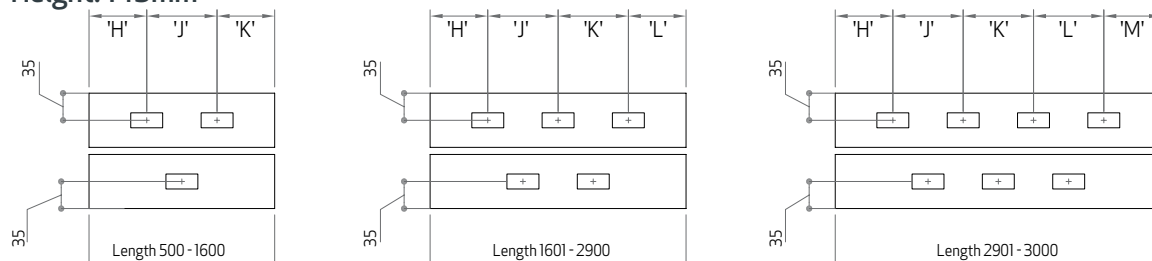
Part Number: DESLN2K2

Mounting Details

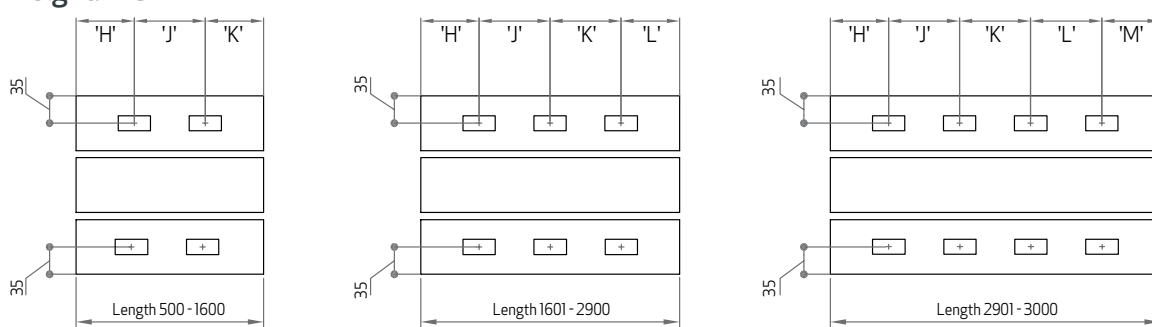
Precision models - Bracket locations

BRACKET LOCATION FOR PRECISION HORIZONTAL MODELS LENGTH 500mm - 3000mm:

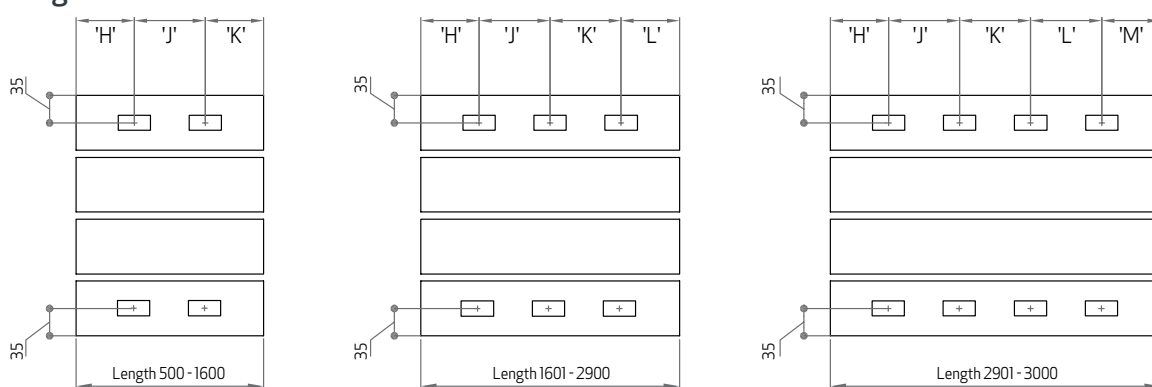
Height: 143mm



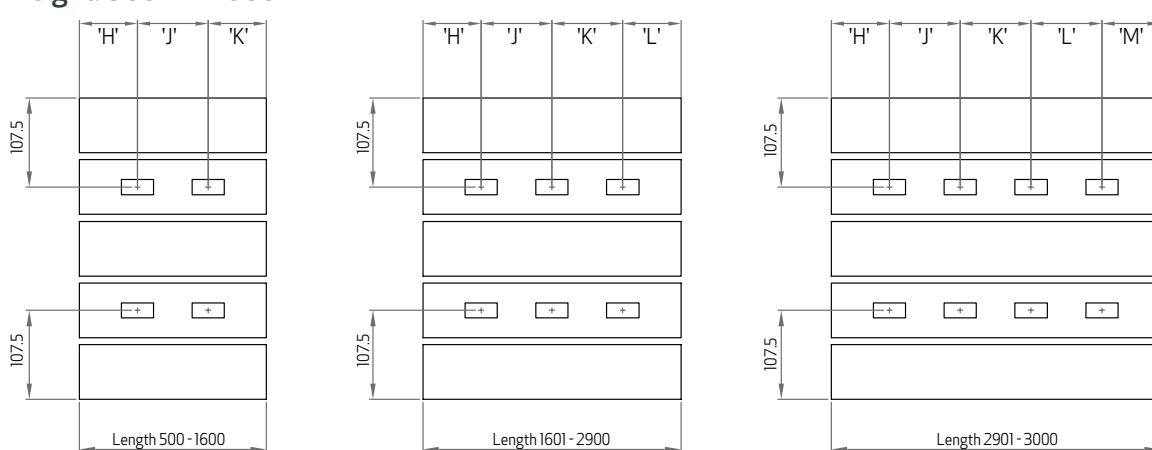
Height: 215mm



Height: 288mm



Height: 360mm - 868mm



Mounting Details

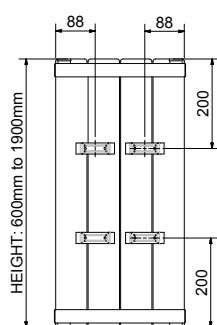
Precision models - Bracket locations

BRACKET LOCATION FOR PRECISION HORIZONTAL MODELS LENGTH 500mm - 3000mm:

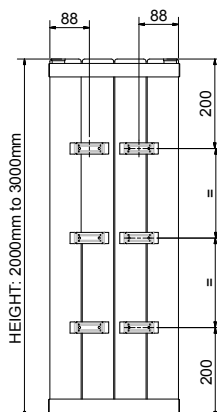
Length (mm)	'H'	'J'	'K'	'L'	'M'
500	140	220	140	-	-
600	150	300	150	-	-
700	150	400	150	-	-
800	140	520	140	-	-
900	150	600	150	-	-
1000	140	720	140	-	-
1100	150	800	150	-	-
1200	150	900	150	-	-
1300	140	1020	140	-	-
1400	150	1100	150	-	-
1500	150	1200	150	-	-
1600	140	1320	140	-	-
1700	150	700	700	150	-
1800	150	720	780	150	-
1900	150	800	800	150	-
2000	150	820	880	150	-
2100	140	900	920	140	-
2200	150	920	980	150	-
2300	150	1000	1000	150	-
2400	140	1060	1060	140	-
2500	150	1100	1100	150	-
2600	150	1120	1180	150	-
2700	140	1200	1220	140	-
2800	150	1220	1280	150	-
2900	140	1300	1320	140	-
3000	150	900	900	900	150

BRACKET LOCATIONS FOR PRECISION VERTICAL MODELS (V10 & V20)

Height: 600mm - 1900mm



Height: 2000mm - 3000mm



Any radiator over 1900mm high will have 3 pairs of mounting supports. These will be positioned 200mm from the top and bottom of the radiator, with the central pair of supports located equidistant in between the top and bottom supports.

Mounting Details

Precision models - Security bracket

Merriott offers a security bracket for horizontal Precision radiators, designed for use in areas where safety is paramount.

The Security bracket is supplied in 3 components:

- i) Top bracket
- ii) Lower bracket
- iii) 'J' Bolt

Part Numbers for H10 models:

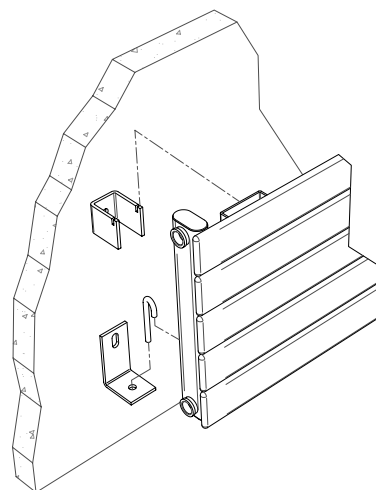
AZ1-HMPSBB1 (BOTTOM BRACKET)

AZ1-HMPSBT1 (TOP BRACKET)

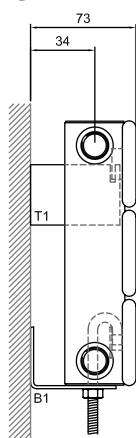
Part Numbers for H11, H20, H21 & H22S models:

AZ1-HMPSBB3 (BOTTOM BRACKET)

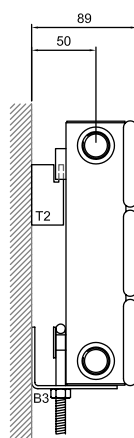
AZ1-HMPSBT2 (TOP BRACKET)



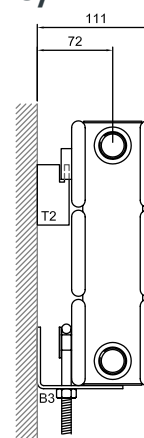
H10



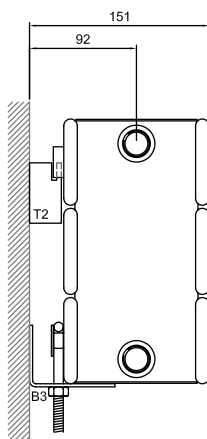
H11



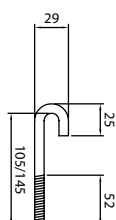
H20/21



H22S



6mm 'J' Bolt



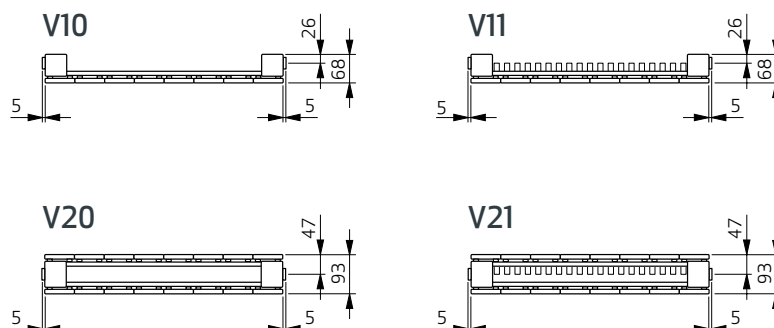
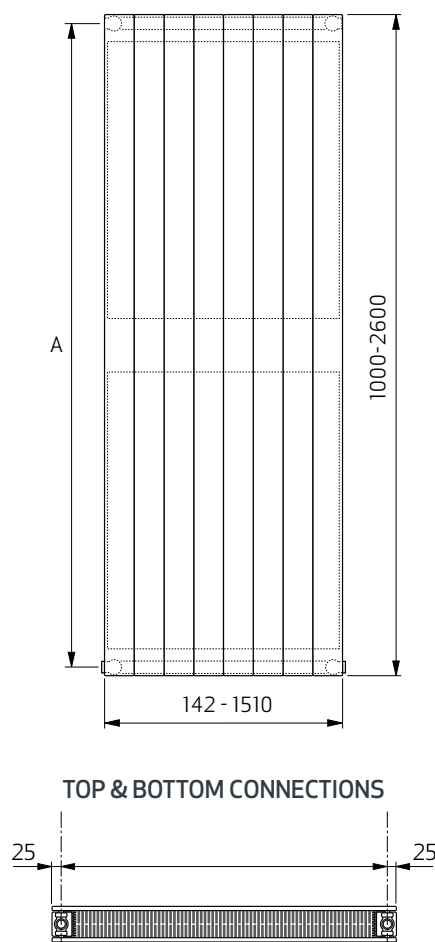
Part Numbers for 'J' Bolt:

AZ1-M6X105JB - for Horizontal Precision radiators up to 288mm high

AZ1-M6X145JB - for Horizontal Precision radiators of 360mm or higher

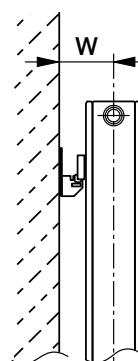
Connection Dimensions

Precision Plus models



Height (mm)	1000	1200	1400	1600	1800	2000	2200	2400	2600
Connection Distance A (mm)	950	1150	1350	1550	1750	1950	2150	2350	2550

CONNECTION
DISTANCE FROM
THE WALL



DIMENSION INFORMATION:

Wall brackets: WA 10-20 (Lengths 142mm & 214mm); WA 11-30 (Lengths from 286mm)

Type	V10**		V11**		V20		V21	
Bracket Type	WA 10-20	WA 11-30	WA 10-20	WA 11-30	WA 10-20	WA 11-30	WA 10-20	WA 11-30
Radiator depth (ex. Wall Bracket)	68	68	68	68	93	93	93	93
Overall Radiator Depth Inc. Brackets	77	87	77	87	125.5	135.5	125.5	135.5
Bracket Depth	20	30	20	30	20	30	20	30
Wall to Centre of Connection (W)	35	45	35	45	79.5	89.5	79.5	89.5
Front of Radiator to Centre of Connection	42	42	42	42	46	46	46	46
Back of Radiator to Wall	9	19	9	19	32.5	42.5	32.5	42.5
Bottom of Radiator to Centre of Bottom Connection (BD/DB Connections)	25							
Top of Radiator to Centre of Connection (AC/CA Connections)	25							
Outside Edge of Radiator to Centre of Connection (EF/FE/GH/HG Connection)	25							
Pipe Dimension Centres (V10/V20) (EF/GH Connections)	-50							

** For the installation of the V10 and V11 with connection in angled design from the wall, please use the WA10-40 or the WA11-40 to achieve the required wall clearance.

All dimensions are in millimetres (mm)

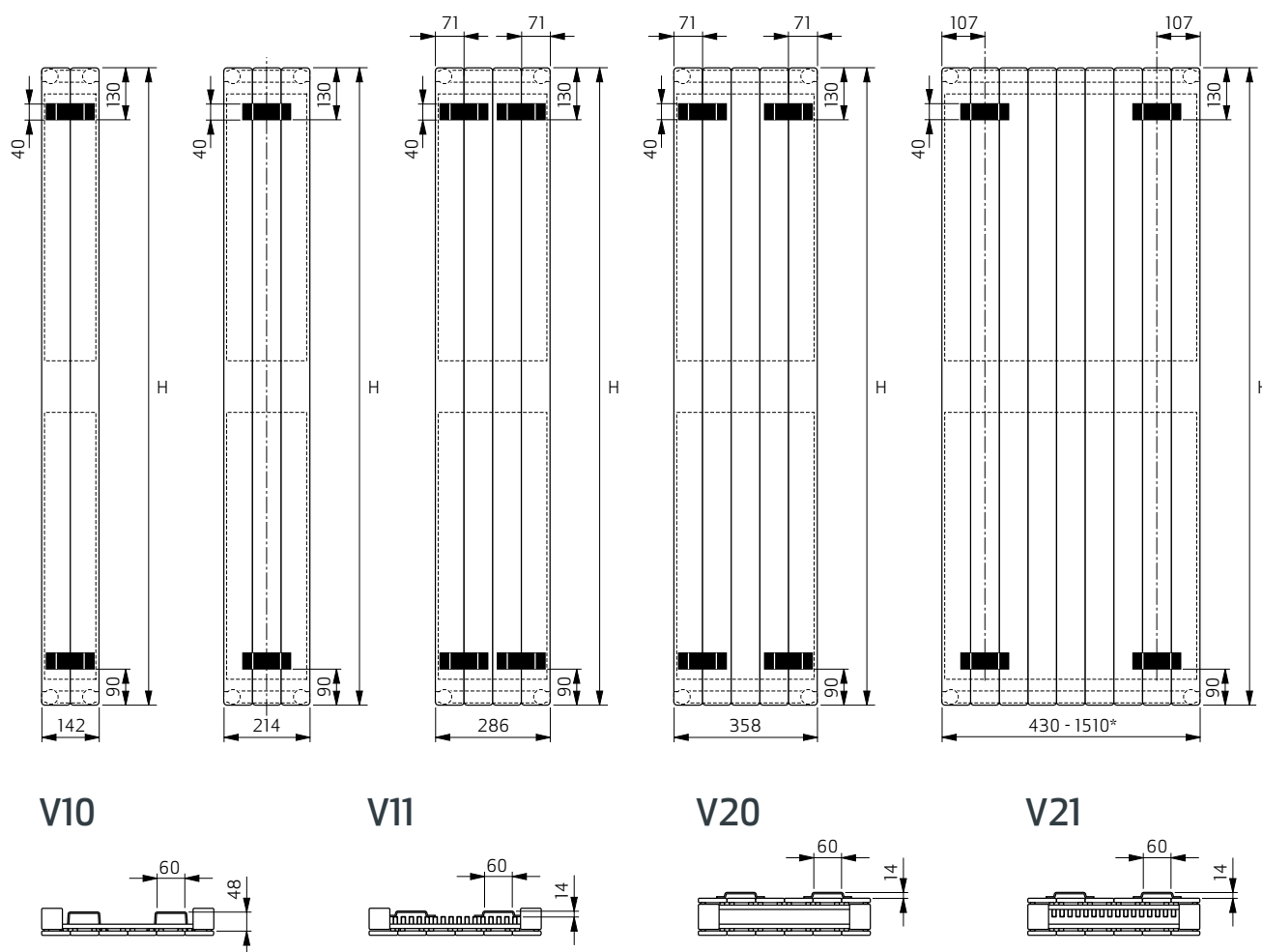
Weights and Water Contents

Precision Plus models

	Height (mm)	1000	1200	1400	1600	1800	2000	2200	2400	2600
V10	Water Content (l/m)	7.5	8.79	10.08	11.37	12.47	13.85	15.24	16.48	17.72
	Dry Weight (kg/m)	29.21	34.29	39.37	44.45	49.6	54.75	59.7	64.85	70
V11	Water Content (l/m)	7.5	8.79	10.08	11.37	12.47	13.85	15.24	-	-
	Dry Weight (kg/m)	47.94	53.09	58.24	63.39	68.53	73.69	78.83	-	-
V20	Water Content (l/m)	15	17.58	20.16	22.74	24.34	27.71	30.48	32.96	35.44
	Dry Weight (kg/m)	55.38	65.4	75.42	85.44	95.46	105.48	115.5	125.52	135.54
V21	Water Content (l/m)	15	17.58	20.16	22.74	24.34	27.71	30.48	-	-
	Dry Weight (kg/m)	74.31	84.33	94.35	104.37	114.39	124.42	134.44	-	-

Mounting Details

Precision Plus models - Bracket locations



*For radiators over 180kg the radiator will be manufactured with an additional set of central lugs.