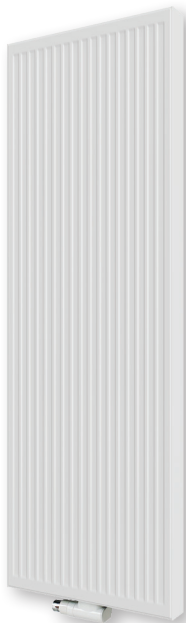


Technical Specification: Primo Plus

Product Description

Merriott Primo Plus radiators are our flagship panel radiators, featuring high heat output and low water content. Their inherent design makes the Primo Plus ideal for use with renewable energy heating sources.

The Merriott Primo Plus range comprises of single, double and triple panel radiators with grilles and side panels, in vertical and horizontal options. The horizontal ranges are available in heights from 300mm - 900mm and lengths from 400mm - 2400mm. The vertical ranges are available in 2 heights 1800mm and 1950mm and lengths from 300mm - 750mm.



Vertical
Type 21



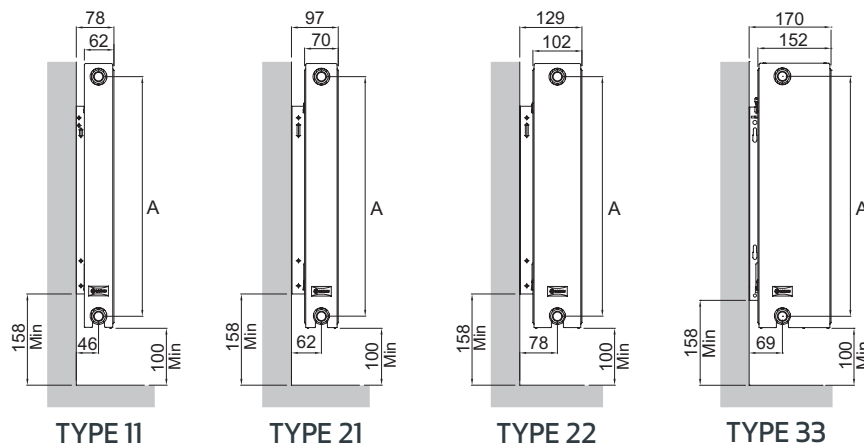
Horizontal
Type 11

Features

- The Primo Plus range is available in 3 different configurations:
 - Type 11: single panel radiator - one convector fin.
 - Type 21: double panel radiator - one convector fin.
 - Type 22: double panel radiator - double convector fin.
 - Type 33: triple panel radiator - triple convector fin.
- Manufactured to BS EN 442.
- 10 year warranty.
- Tested at a test pressure of 13 bar with a maximum working pressure of 10 bar.
- Standard Connections are:
 - Horizontal: 4 x 1/2" BSP ABCD connections.
 - Vertical: 4 x G 1/2" bottom connections, 2 x G 1/2" top connections - for mounting plug and air vent.
- Finish in epoxy polyester powder paint in white (RAL 9016).
- Fixing: Supplied with wall mounted strip brackets. Lugs fitted to the back of the radiator. Other brackets available when fitting behind LST cover. Floor mounted option available.
- Packaging: The entire surface of the radiator, including all 4 corners, is protected by cardboard box ends and packed in shrink wrapped using 100% recyclable film.

Dimensional Information

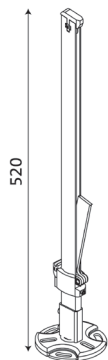
Horizontal models



Nominal Height (mm)	A (mm)
300	250
400	350
500	450
600	550
750	700
900	850

Floor Mounting Options

Floor-mounting brackets (feet) are available at an additional cost for all types. The feet are available as a single unit.



Height 300 - 750mm	
Radiator length (mm)	Quantity of floor brackets*
400 - 1600	2
1800 - 2300	3
2400 - 2600	4

*The floor brackets will support the radiators, however, in certain instances the brackets will flex and where possible the radiator should be fixed to the wall using the top bracket.

Radiator to wall distance: Any
Maximum load of a single bracket:
Vertically - 180kg
Pulling - 35kg
Order Code: MERRPANELFOOT
(single piece)

Weights and Water Contents

HORIZONTAL

Weights & Water Contents per Metre Length												
Type	Nominal Height (mm)											
	300		400		500		600		750		900	
	Weight (kg)	Water Content (l)	Weight (kg)	Water Content (l)	Weight (kg)	Water Content (l)	Weight (kg)	Water Content (l)	Weight (kg)	Water Content (l)	Weight (kg)	Water Content (l)
11	9.0	1.7	12.1	2.1	15.3	2.6	18.2	3.0	23.5	3.9	-	-
21	14.7	3.4	19.5	4.3	24.5	5.2	29.2	6.2	35.3	7.8	-	-
22	17.2	3.4	22.5	4.3	28.3	5.2	34.0	6.2	42.1	7.6	-	-
33	24.9	5.1	-	-	41.7	8.3	50.1	9.8	69.6	11.5	94.7	16.6

VERTICAL

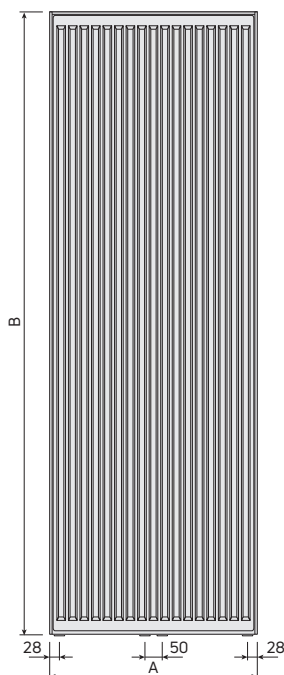
Weights & Water Contents									
Nominal Height (mm)	Length (mm)	Single Panel		Double Panel		Double Panel Single Fin		Double Panel Double Fin	
		Weight (kg)	Water Content (l)	Weight (kg)	Water Content (l)	Weight (kg)	Water Content (l)	Weight (kg)	Water Content (l)
1800	300	-	-	24.2	4.8	25.8	4.8	28.6	4.9
	450	15.9	3.8	33.9	7.2	37.3	7.8	41.2	7.3
	600	20.9	4.9	43.7	9.7	28.9	10.4	53.8	9.7
	750	25.9	6.1	53.5	12.1	60.5	13.0	66.4	12.2
1950	300	-	-	26.1	4.8	27.8	5.2	30.6	5.3
	450	17.2	4.1	36.7	7.8	40.2	7.9	44.0	7.9
	600	22.6	5.4	47.4	10.4	52.6	10.6	57.4	10.5
	750	28.1	6.7	58.0	13.0	65.0	13.3	70.9	13.1

Dimensional Information

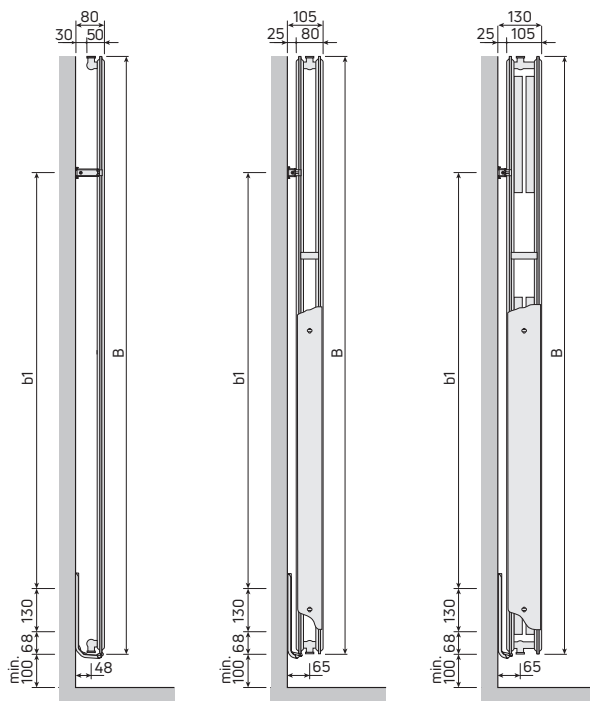
Vertical models

Merriott

FRONT VIEW



SIDE VIEWS

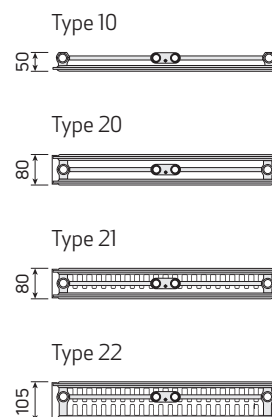


TYPE 10

TYPE 20 & 21

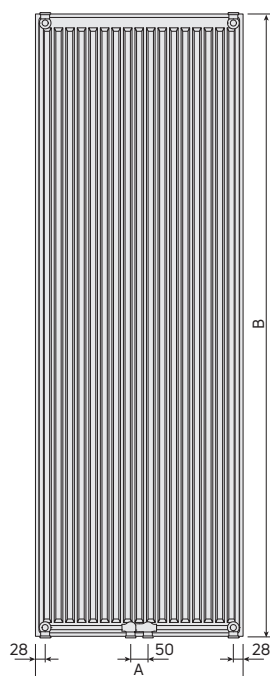
TYPE 22

TOP VIEWS

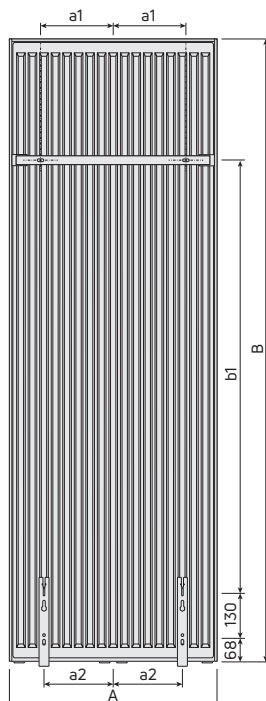


A = width
B = height
All dimensions in mm

REAR VIEWS WITH BRACKETS



TYPE 10



TYPE 20, 21 & 22

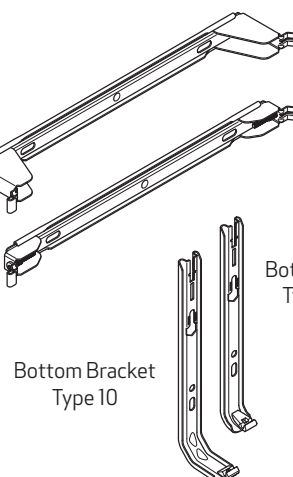
MOUNTING DISTANCES

B (mm)	1800	1950	2100	2300
b1	1252	1402	1552	1752

A (mm)	300	450	600	750
a1	60	135	210	285
a2	75	125	200	250

Top Bracket
Type 10

Top Bracket
Types 20, 21
and 22



Bottom Bracket
Type 10

Bottom Bracket
Types 20, 21
and 22

NOTE:

The radiators are supplied for a two-pipe system. The radiator is reversible top/bottom.
(Please note: for top connection, the radiator must be turned 180°)

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