



CENTRE TAP FASCIA & PRIMO PLUS

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Merriott



www.merriottuk.com

www.merriott.ie

What does Merriott stand for?

Merriott offers bespoke heating and cooling solutions that are the better choice for commercial applications across the UK and Ireland.

This means investing in world-class production facilities, and manufacturing products of the very highest standard – backed by revolutionary technology, rigorous testing and stringent quality control.

As a company, we have an unwavering commitment to innovation and sustainability, pioneering products that lead the way in design, performance and energy efficiency.

Underpinning all of this is our relationship with our customers: ensuring they can rely on best-in-class service and support, from specification right through to delivery.



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Range Overview

Product Range

The Merriott Centre Tap Primo & Fascia range comprises of single and double panel radiators available in heights from 300mm - 600mm and lengths from 400mm - 2600mm.

The innovative central connection is not only aesthetically pleasing but eases installation for any commercial project, allowing for any size radiator to be installed once the pipe has been placed. The Centre Tap also comes with pre-set valve, factory fitted for ease of installation.

Outputs

The outputs quoted in this brochure are based on a Delta T of 50 °C. All Merriott Centre Tap radiators have been manufactured and tested in accordance with EN 442.

Finish

Every Merriott radiator undergoes an intensive pre-treatment process to protect against rust. In pre-treatment, the radiators are degreased, coated with iron phosphate and rinsed prior to painting. A cathodic electrodeposition primer coating is then applied to give total coverage of the bare steel and maximum corrosion protection. The durable topcoat (epoxy polyester powder) is electrostatically applied and stove enamel baked at 180 °C. The process is monitored to ensure continuous achievement of optimum adhesion, opacity and gloss levels.

Packaging

All Merriott radiators are packed in robust packaging specially designed to ensure that the product reaches you in perfect condition.

Testing

All Primo radiators are tested to 13 Bar with a maximum working pressure of 10 Bar.

Brackets

As standard, Merriott supply Centre Tap radiators with strip brackets (as depicted on page 8).

Bracket Lugs

Two pairs of lugs are fitted on radiators up to and including 1600mm long. A third pair of lugs is fitted centrally on radiators that are 1800mm long and over.

Connections

Centre connection 2 x 3/4". External thread 4 x 1/2" BSP (15mm) ABCD. All tapping-to-tapping dimensions can be obtained by subtracting 5mm from the nominal radiator length (accuracy = +/- 2mm).

Pre-set valve is factory fitted and pre-installed for correct flow rates and ease of installation but can be reinstalled on the opposite side of the radiator if required. A pre-fitted vent plug used to vent the radiator, which can also be removed and reinstalled on the opposite side of the radiator if required.

When installing the Centre Tap Primo Plus & Fascia radiators using the standard 4 x 1/2" BSP connections, the 3/4" bottom centre connections must be capped off using chrome caps. NOTE: If using any of the above connections, the pre-set valve and baffle on the vent plug need to be removed and capped where necessary.

Warranty

Merriott radiators are guaranteed for a period of 10 years from date of purchase in respect of defective materials and workmanship. The system should be designed in accordance with British Standard Code of Practice for Water Based Heating Systems in Buildings **BS EN 12828:2012+A1:2014** and **BS EN 12831: 2003**. The installation and commissioning of the system should comply with **BS EN 14336:2004**. On completion of the installation, the system should be properly flushed and filled in accordance with the British Code of Practice for the Treatment of Water in Domestic Hot Water Central Heating Systems **BS 7593:2006**, Part L of Building Regulations and Good Practice Guidance for Scotland. Merriott strongly recommends the use of corrosion inhibitor for all applications. Failure to observe these standards may invalidate the manufacturer's warranty.

Range Options

Examples of Fascia and Primo Plus



Centre Tap Fascia



Centre Tap Primo Plus

Heat Outputs

Fascia Radiators

TYPE 11



TYPE 21



TYPE 22



Nominal	Length	Single Panel Single Fin	Double Panel Single Fin	Double Panel Double Fin
Height	mm	Watts $\Delta T50$	Watts $\Delta T50$	Watts $\Delta T50$
300mm	600	319	-	590
	1000	532	-	984
	1400	745	-	1378
	2000	1064	-	1968
400mm	400	264	-	534
	600	396	-	802
	800	528	-	1069
	1000	660	-	1336
	1200	792	-	1603
	1400	924	-	1870
	1600	1056	-	2138
	1800	1188	-	2405
500mm	400	314	469	608
	600	470	704	912
	800	627	938	1216
	1000	784	1173	1520
	1200	941	1408	1824
	1400	1098	1642	2128
	1600	1254	1877	2432
	1800	1411	2111	2736
600mm	400	338	520	668
	600	506	781	1001
	800	675	1041	1335
	1000	844	1301	1669
	1200	1013	1561	2003
	1400	1182	1821	2337
	1600	1350	2082	2670
	1800	1519	2342	3004
2000	1688	2602	3338	
	2194	-	4339	

Heat Outputs

Primo Plus Radiators

TYPE 11



TYPE 21



TYPE 22



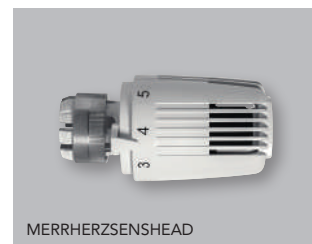
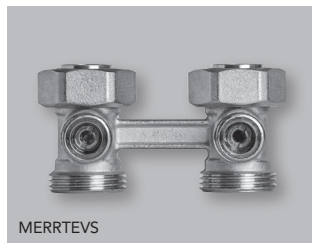
Nominal	Length	Single Panel Single Fin	Double Panel Single Fin	Double Panel Double Fin
Height	mm	Watts $\Delta T50$	Watts $\Delta T50$	Watts $\Delta T50$
300mm	600	339	-	616
	1000	565	-	1026
	1400	791	-	1436
	2000	1130	-	2052
400mm	400	283	-	543
	600	425	-	814
	800	566	-	1086
	1000	708	-	1357
	1200	850	-	1628
	1400	991	-	1900
	1600	1133	-	2171
	1800	1274	-	2443
500mm	2000	1416	-	2714
	400	337	491	617
	520	438	638	802
	600	506	736	926
	720	607	883	1111
	800	674	982	1234
	920	776	1129	1420
	1000	843	1227	1543
	1200	1012	1472	1852
	1400	1180	1718	2160
	1600	1349	1963	2469
600mm	1800	1517	2209	2777
	2000	1686	2454	3086
	400	376	543	685
	520	488	706	891
	600	563	814	1028
	720	676	977	1233
	800	751	1086	1370
	920	864	1248	1576
	1000	939	1357	1713
	1120	1052	1520	1919
	1200	1127	1628	2056
	1320	1239	1791	2261
	1400	1315	1900	2398
	1600	1502	2171	2741
1800	1690	2443	3083	
2000	1878	2714	3426	
2600	2441	-	4454	

All outputs are in accordance with BS EN442 certification.

Accessories

Product	Order Code
Twin Entry Valve (Straight)*	MERRTEVS
Twin Entry Valve (Angled)*	MERRTEVA
Twin Entry Reversible Flow Valve (Straight)*	MERRSTERV
Twin Entry Reversible Flow Valve (Angled)*	MERRATERFV
3/4" Chrome Caps - to blank off the twin-entry tapings	MERRBLANKCAP
15mm Nut & Olive Pack (Copper)	MERRNOP15
Herz-TS Thermostatic Sensor Head (White)	MERRHERZSENSHEAD

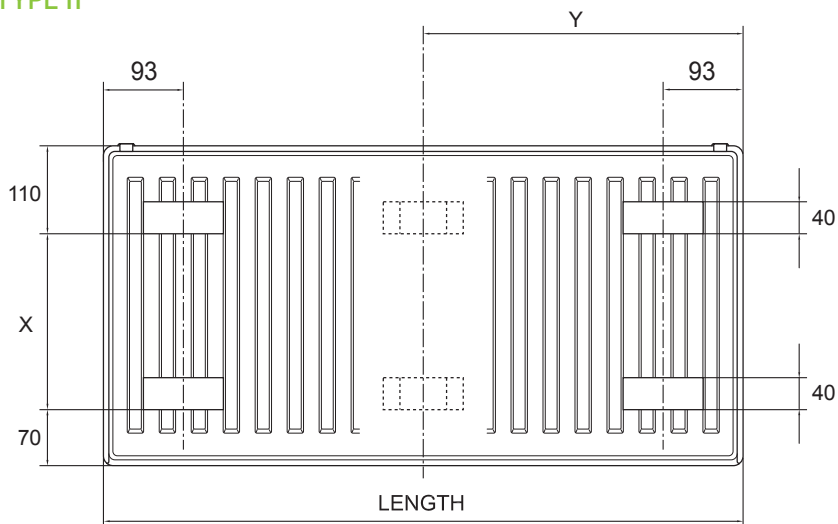
*Nut & olive pack included



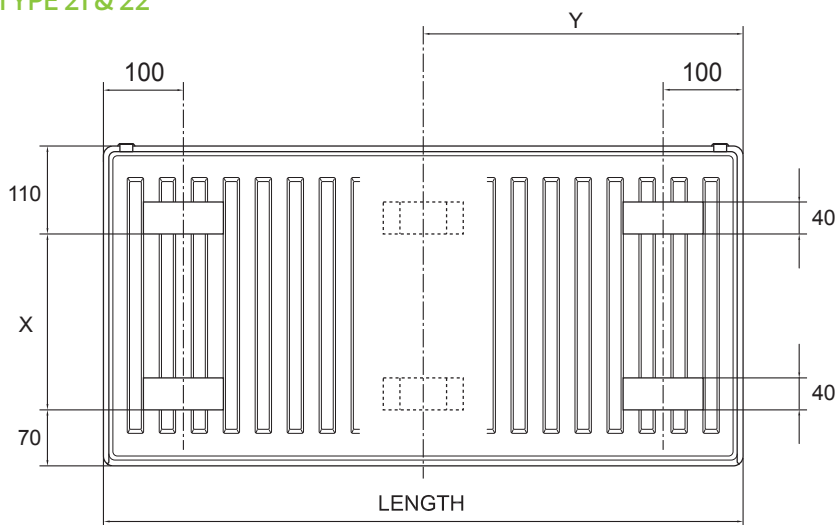
Technical Specification

Bracket Positions & Dimensions

TYPE 11



TYPE 21 & 22



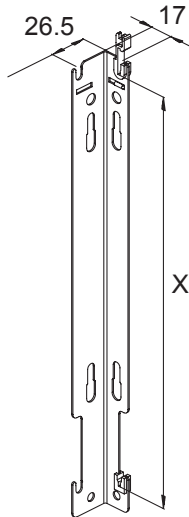
Dimension Y = $\frac{\text{Overall Length}}{2}$

For all radiators with an overall length of 1800mm and above.

Radiator Height (mm)	'X' (mm)
300	120
400	220
500	320
600	420

Mounting Details

Wall Brackets



Radiator Height (mm)	'X' (mm)
300	123
400	223
500	323
600	423

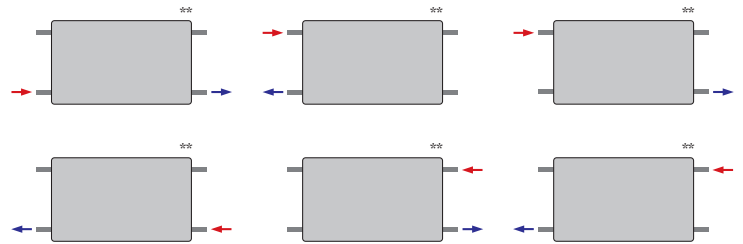
Connection Options

For Optimum Performance: Centre Connection 2 x 3/4"



*Flow specific.

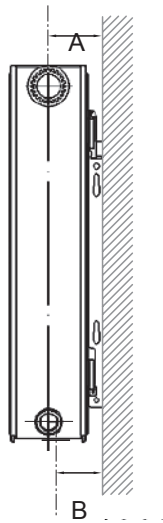
External thread 4 x 1/2" BSP



**When installing the Fascia and Primo Plus radiators using the standard 4 x 1/2" BSP connections, the 3/4" bottom centre connections must be capped off using chrome caps.

NOTE: If using any of the above connections, the pre-set valve and baffle on the vent plug need to be removed and capped where necessary.

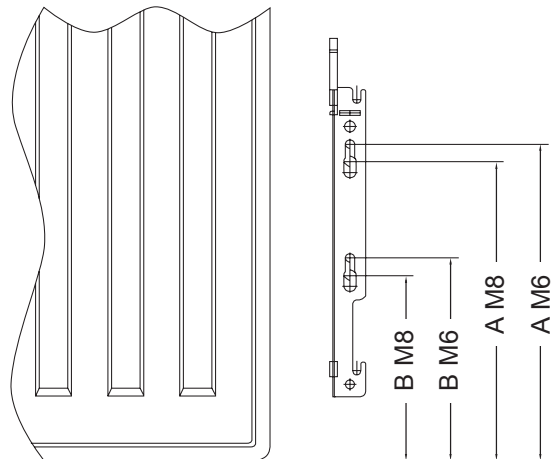
Bracket locations & dimensions



Panel Type	11	21	22
A (mm)	50	74	86
B (mm)	66	66	66

A = Wall to side connection.

B = Wall to centre bottom connection.



Style:	M8		M6	
	A (mm)	B (mm)	A (mm)	B (mm)
300	138	-	152.5	-
400	238	143	252.5	157.5
500	338	143	352.5	157.5
600	438	143	452.5	157.5

NB: All measurements are nominal.

Water Contents & Dry Weights

To calculate, take the water content or dry weight per metre, divide by 1,000 and multiply by the length of the radiator desired.

Merriott Fascia Radiators

Water Content (L/M)				
	300mm	400mm	500mm	600mm
Single Panel Single Fin (Type 11)	2.00	2.60	3.30	3.70
Double Panel Single Fin (Type 21)	-	-	6.10	7.10
Double Panel Double Fin (Type 22)	3.90	5.00	6.10	7.10

Dry Weight (Kg/M)				
	300mm	400mm	500mm	600mm
Single Panel Single Fin (Type 11)	14.20	18.54	21.29	24.00
Double Panel Single Fin (Type 21)	-	-	30.27	34.41
Double Panel Double Fin (Type 22)	22.30	29.79	34.47	38.95

Merriott Primo Plus Radiators

Water Content (L/M)				
	300mm	400mm	500mm	600mm
Single Panel Single Fin (Type 11)	2.00	2.30	3.30	3.70
Double Panel Single Fin (Type 21)	-	-	6.10	7.10
Double Panel Double Fin (Type 22)	3.90	5.00	6.10	7.10

Dry Weight (Kg/M)				
	300mm	400mm	500mm	600mm
Single Panel Single Fin (Type 11)	11.35	14.78	16.61	18.41
Double Panel Single Fin (Type 21)	-	-	25.29	28.82
Double Panel Double Fin (Type 22)	19.45	26.03	29.79	33.36

n-Coefficients

Merriott Fascia Radiators

n-Coefficients				
Type	Nominal Height (mm)			
	300	400	500	600
Single Panel Single Fin (Type 11)	1.311	1.321	1.313	1.303
Double Panel Single Fin (Type 21)	-	-	1.299	1.302
Double Panel Double Fin (Type 22)	1.304	1.328	1.322	1.337

Merriott Primo Plus Radiators

n-Coefficients				
Type	Nominal Height (mm)			
	300	400	500	600
Single Panel Single Fin (Type 11)	1.330	1.342	1.330	1.319
Double Panel Single Fin (Type 21)	-	-	1.323	1.310
Double Panel Double Fin (Type 22)	1.307	1.353	1.334	1.343



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