



HYDRONIC RADIATOR HEATING



European design. World class quality.



A world leader in hydronic heating, Purmo delivers European style and quality matched with energy performance.

Established in Finland, Purmo hydronic heating offers the perfect fusion of technical quality, innovative functionality and high-end European design, delivering solutions that are efficient, practical and beautiful.

THE SUSTAINABLE CHOICE

The Compact is an energy efficient design. It only requires a small amount of water to function; it heats up very quickly and is easy to control. The large convector plate within the design means that heat is expelled across a greater surface area, distributing heat more effectively around the room.

THE VERSATILE HEATING SOLUTION

The Compact is a traditionally styled radiator, designed to suit a wide range of applications. Ideal for both domestic and commercial use, the Compact can be easily installed in new builds or as a replacement system within existing properties.

- The advanced design of each Purmo Compact radiator allows for high output and responsive control of the heating process. This ensures maximum comfort during temperature fluctuations.
- Purmo hydronic systems are designed for zoning. This gives you the freedom to heat individual rooms or areas within your home – helping to reduce energy costs.
- Unlike ducted systems, hydronic heating does not dry out the air or circulate dust particles that can trigger allergies and asthma. This makes Purmo the healthy choice for health conscious families.
- Reliable and easy to clean, Purmo is a proven low maintenance technology that matches high-end design with absolute performance.
- Built to last, all Purmo radiators undergo stringent anti-corrosion and finishing treatments to ensure long life. It's why Purmo can offer an impressive 25 year warranty.

QUALITY GUARANTEE

Our production processes ensure quality and excellence, giving you an industry-leading 25-year guarantee that you can trust.





Purmo Compact radiators create a clean and timeless look.

TECHNICAL SPECIFICATIONS

Each Compact panel radiator features profiled heating panels and convection fins. They come equipped with removable side covers and a top grille, for a clean, timeless look. The Compact can be ordered in a variety of configurations to suit different sized rooms.

TECH SPECS

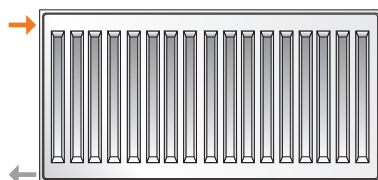
Height	300, 500, 600, 900mm
Length	400 – 3000mm
Type	C11, C21s, C22, C33
Finish	RAL9016 White

Four G 1/2" threaded female connectors allow for side connection on both right and left side.

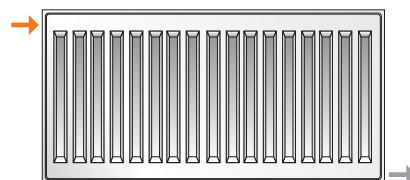
- Material: high quality, deep-drawing, low-carbon, cold rolled FePO 1 steel sheet in accordance with PN-EN 10130.
- Spacing of vertical water channels: 33,3mm
- Gauge of wall is 1.20mm
- Connections: 4 x G 1/2" side connectors
- Working pressure: 10 bar
- Maximum temperature: 110°C
- Test pressure: 13 bar
- Colour: RAL 9016 white, other colours from the RAL colour chart are available on request.
- Accessories bundled with the radiator: brackets, plug, air vent.

Purmo hydronic systems require a dedicated boiler to operate. A variety of boilers are available through Reece.

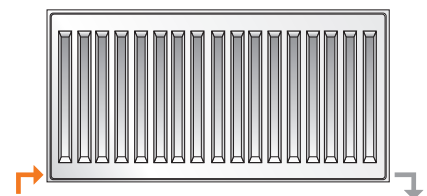
Recommended connections



same end connection



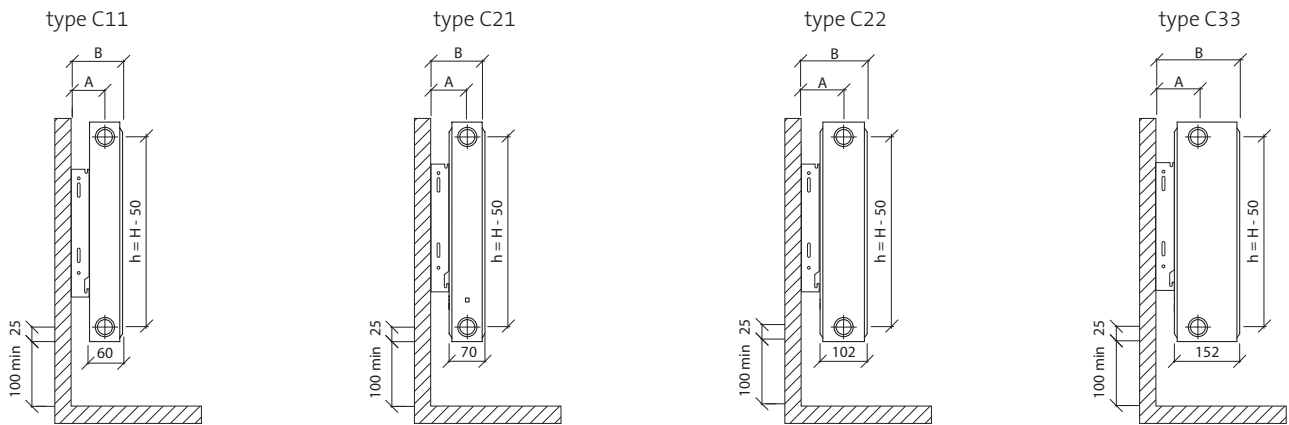
flow-through connection



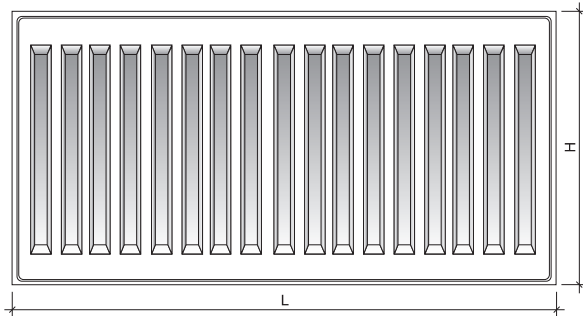
opposite ends connection

↑ Supply ↓ Return

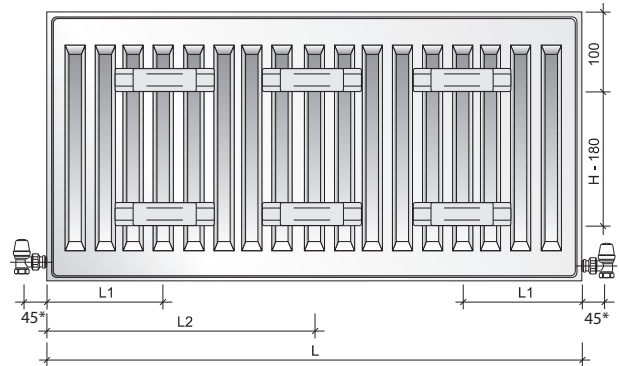
Side views



Front view



Rear view



*Valve set-out distances based on tat 338/339/342/343
1/2" Series radiator valves

Water volume, weight and mounting distances

Water volume: l/m

Height Type	300 500 600 900			
	11	1,7	2,7	3,2
21s	3,4	5,5	6,6	9,0
22	3,4	5,5	6,6	9,0
33	5,1	8,2	9,8	13,3

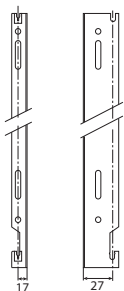
Weight: kg/m

Height Type	300 500 600 900			
	11	9,1	15,5	18,7
21s	14,0	23,5	28,3	42,3
22	16,3	27,7	33,4	50,7
33	24,5	41,6	50,2	75,8

Mounting distances: mm

Type	C 11		C 21s, C 22, C 33		
	L	L1	L2	L1	L2
400-1600	117	-	133	-	-
1800	117	917	133	900	
2000	117	1017	133	1000	
2300	117	1150	133	1167	
2600	117	1317	133	1300	
3000	117	1517	133	1500	

Bracket dimensions



	A	B
C11	47	77
C21	52	87
C22	68	119
C33	68	169

*Dimensions A & B based on short side mounting bracket.
Add 10mm if using long side mounting bracket

THERMAL OUTPUT OF RADIATORS IN WATTS (90°C IN / 70°C OUT / 20°C ROOM)

Purmo Compact Type C11



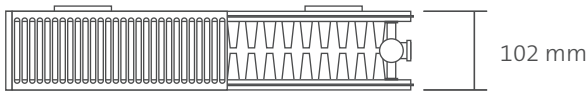
Length	Height (mm)				
	300	500	600	900	
400	274	437	513		720
500	343	547	642		900
600	412	656	770		1080
700	480	765	898		1260
800	549	874	1026		1440
900	617	984	1155		1620
1000	686	1093	1283		1800
1100	755	1202	1411		1980
1200	823	1312	1540		2160
1400	960	1530	1796		2520
1600	1098	1749	2053		2880
1800	1235	1967	2309		3240
2000	1372	2186	2566		3600
2300	1578	2514	2951		4140
2600	1784	2842	3336		4680
3000	2058	3279	3849		5400

Purmo Compact Type C21



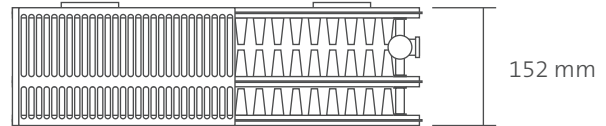
Length	Height (mm)				
	300	500	600	900	
400	382	582	676		942
500	477	728	846		1178
600	572	874	1015		1414
700	668	1019	1184		1649
800	763	1165	1353		1885
900	859	1310	1522		2120
1000	954	1456	1691		2356
1100	1049	1602	1860		2592
1200	1145	1747	2029		2827
1400	1336	2038	2367		3298
1600	1526	2330	2706		3770
1800	1717	2621	3044		4241
2000	1908	2912	3382		4712
2300	2194	3349	3889		5419
2600	2480	3786	4397		6126
3000	2862	4368	5073		7068

Purmo Compact Type C22



Length	Height (mm)				
	300	500	600	900	
400	484	743	865	1213	
500	606	929	1082	1517	
600	727	1114	1298	1820	
700	848	1300	1514	2123	
800	969	1486	1730	2426	
900	1090	1671	1947	2730	
1000	1211	1857	2163	3033	
1100	1332	2043	2379	3336	
1200	1453	2228	2596	3640	
1400	1695	2600	3028	4246	
1600	1938	2971	3461	4853	
1800	2180	3343	3893	5459	
2000	2422	3714	4326	6066	
2300	2785	4271	4975	6976	
2600	3149	4828	5624	7886	
3000	3633	5571	6489	9099	

Purmo Compact Type C33



Length	Height (mm)				
	300	500	600	900	
400	679	1030	1195		1657
500	849	1288	1494		2072
600	1019	1546	1793	2486	
700	1189	1803	2092	2900	
800	1358	2061	2390	3314	
900	1528	2318	2689	3729	
1000	1698	2576	2988	4143	
1100	1868	2834	3287	4557	
1200	2038	3091	3586	4972	
1400	2377	3606	4183	5800	
1600	2717	4122	4781	6629	
1800	3056	4637	5378	7457	
2000	3396	5152	5976	8286	
2300	3905	5925	6872	9529	
2600	4415	6698	7769	10772	
3000	5094	7728	8964	12429	

Stocked in Australia

Other sizes available. Lead times will apply.



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