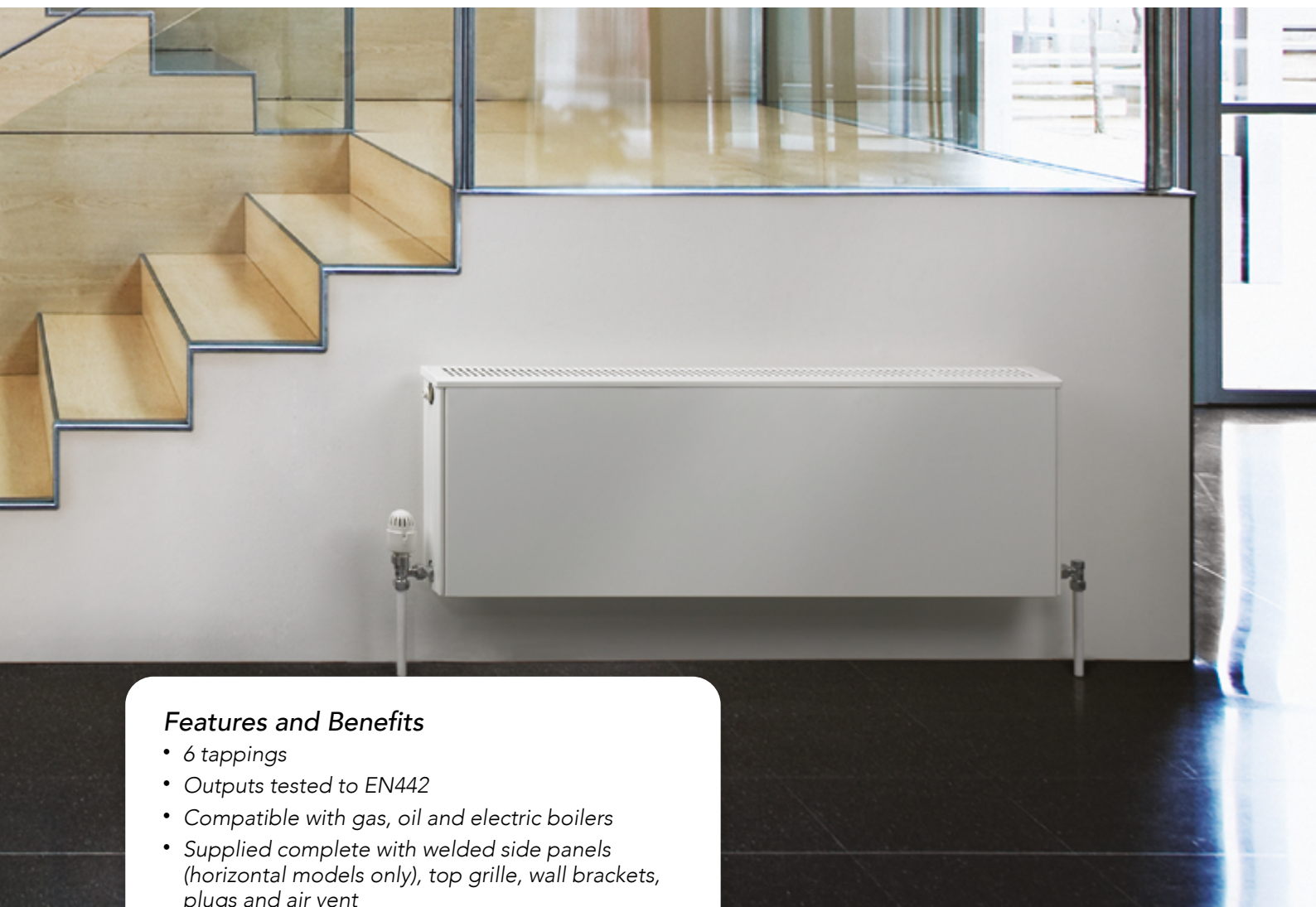




Galant Plan

Heavy-duty flat-fronted steel panel radiators



Features and Benefits

- 6 tappings
- Outputs tested to EN442
- Compatible with gas, oil and electric boilers
- Supplied complete with welded side panels (horizontal models only), top grille, wall brackets, plugs and air vent

Types: 20, 21, 22 & 23

Material: Steel (1.2mm)
Aluminium front plate (0.5mm)

Finish: RAL 9016 Traffic White

Heights: 200 - 900mm

Widths: 400 - 2000mm

Models: 199

Outputs: 336 - 4102 Watts

Pressure: 6 bar (8 bar test)



Galant Plan

Built for the commercial environment

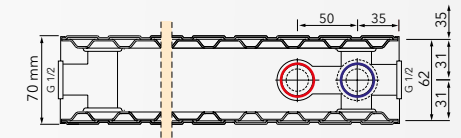


The Galant Plan horizontal radiator is manufactured from 1.2mm steel with a 0.5mm aluminium front plate and is available in RAL 9016 Traffic White as standard, with other colours available on request.

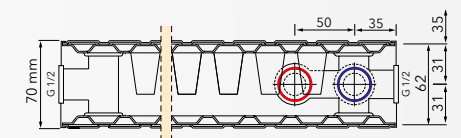
Supplied complete with wall brackets, plugs and air vent, welded side panels and top grille as standard, the Galant horizontal radiator has a 6 bar maximum working pressure (8 bar test). The Galant Plan horizontal is supplied with 6 x 1/2" bsp-f connections, offering multiple connection options. All horizontal models are supplied with welded side panels, which, combined with optional top grille security clips, make it the perfect radiator for high-traffic environments such as schools and hospitals. The MHS Galant Plan carries a 10-year guarantee against manufacturing defects.



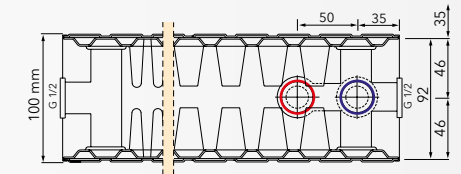
Type 20 Depth 70mm



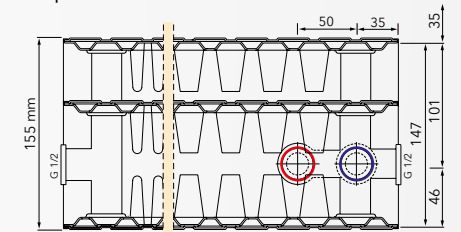
Type 21 Depth 70mm



Type 22 Depth 100mm



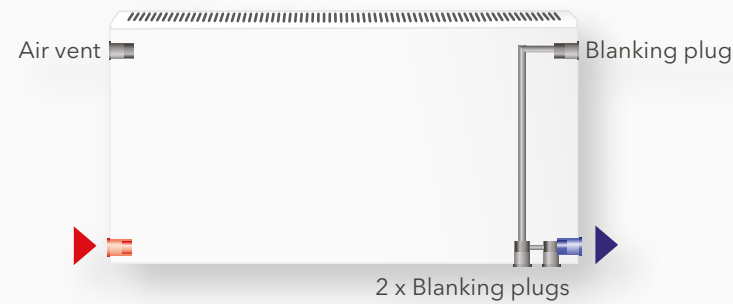
Type 33 Depth 155mm



Galant Plan connections

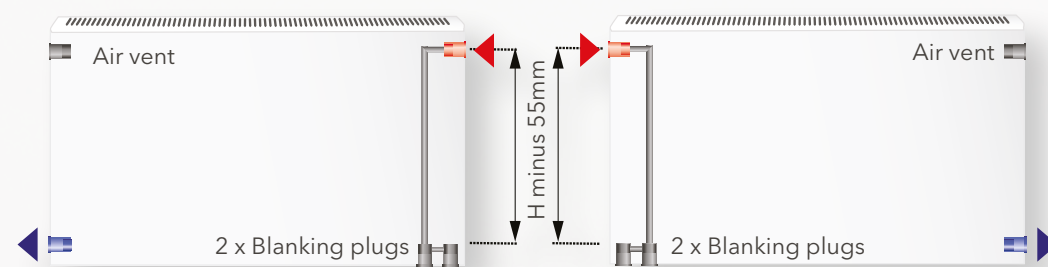
Bottom bottom opposite ends (BBOE)

Flow and return at the bottom, on the left or right side



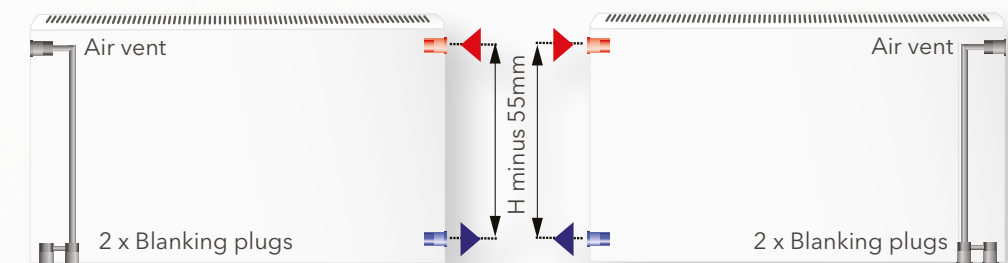
Top bottom opposite ends (TBOE)

Flow and return diagonal, on the right or left side



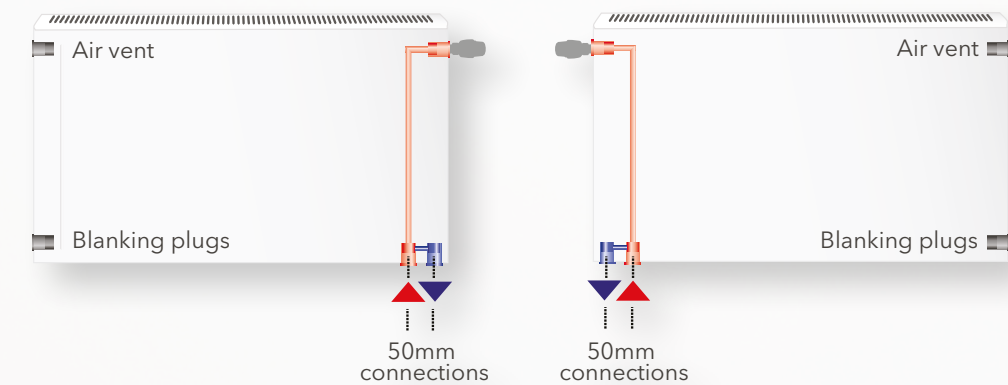
Top bottom same end (TBSE)

Flow and return on the same side, on the right or left side



Underside connection

Flow and return from below, on the right or left side



When utilising the underside connection, it must be specified if the connection is required on the left or right side.

Galant Plan Data

New

200mm High				
Model	Type 22		Type 33	
Width (mm)	Code	Output (watts)	Code	Output (watts)
600	GP22-2006	444	GP33-2006	632
700	GP22-2008	518	GP33-2008	737
800	GP22-2008	592	GP33-2008	842
900	GP22-2009	666	GP33-2009	948
1000	GP22-2010	740	GP33-2010	1053
1100	GP22-2011	814	GP33-2011	1158
1200	GP22-2012	888	GP33-2012	1264
1400	GP22-2014	1036	GP33-2014	1474
1600	GP22-2016	1184	GP33-2016	1685
1800	GP22-2018	1332	GP33-2018	1895
2000	GP22-2020	1480	GP33-2020	2106
Weight kg/metre	14.60		21.80	
Water cont. litres/metre	1.80		2.60	



Galant Plan Data

New

350mm High						
Model	Type 21		Type 22		Type 33	
Width (mm)	Code	Output (watts)	Code	Output (watts)	Code	Output (watts)
600	GP21-3506	528	GP22-3506	690	GP33-3506	1007
700	GP21-3507	616	GP22-3507	805	GP33-3507	1175
800	GP21-3508	704	GP22-3508	920	GP33-3508	1343
900	GP21-3509	792	GP22-3509	1035	GP33-3509	1511
1000	GP21-3510	880	GP22-3510	1150	GP33-3510	1679
1100	GP21-3511	968	GP22-3511	1265	GP33-3511	1847
1200	GP21-3512	1056	GP22-3512	1380	GP33-3512	2015
1400	GP21-3514	1232	GP22-3514	1610	GP33-3514	2351
1600	GP21-3516	1408	GP22-3516	1840	GP33-3516	2686
1800	GP21-3518	1584	GP22-3518	2070	GP33-3518	3022
2000	GP21-3520	1760	GP22-3520	2300	GP33-3520	3358
Weight kg/metre	21.30		25.20		36.40	
Water cont. litres/metre	2.80		2.80		4.10	

Connect with Variocon

All radiators in the Galant Plan range can utilise the MHS Variocon valve set. This can swivel for angled, through the wall connections or can simply come up from the floor for straight connections - making specification / installation considerably easier.



Variocon valve

The Variocon valve can be supplied with connections suitable for either 15mm copper pipe or 1/2" steel pipe. An optional hose drain union can be supplied to allow the radiator to be drained without disconnecting from the system. The Variocon valve set can be ordered with either a chrome or a white TRV head.

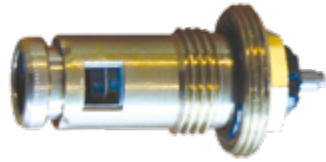


White TRV head



TRV insert

Every Variocon kit is equipped with a pre-set valve insert, which enhances the efficiency of the system and reduces energy consumption.



Galant Plan Data

 New

500mm High								
Model	Type 20		Type 21		Type 22		Type 33	
Width (mm)	Code	Output (watts)	Code	Output (watts)	Code	Output Watts	Code	Output (watts)
400	GP20-5004	336	GP21-5004	433	GP22-5004	552	GP33-5004	791
500	GP20-5005	420	GP21-5005	541	GP22-5005	690	GP33-5005	989
600	GP20-5006	503	GP21-5006	649	GP22-5006	828	GP33-5006	1187
700	GP20-5007	587	GP21-5007	757	GP22-5007	966	GP33-5007	1385
800	GP20-5008	671	GP21-5008	866	GP22-5008	1104	GP33-5008	1582
900	GP20-5009	755	GP21-5009	974	GP22-5009	1242	GP33-5009	1780
1000	GP20-5010	839	GP21-5010	1082	GP22-5010	1380	GP33-5010	1978
1100	GP20-5011	923	GP21-5011	1190	GP22-5011	1518	GP33-5011	2176
1200	GP20-5012	1007	GP21-5012	1298	GP22-5012	1656	GP33-5012	2374
1400	GP20-5014	1175	GP21-5014	1515	GP22-5014	1932	GP33-5014	2769
1600	GP20-5016	1342	GP21-5016	1731	GP22-5016	2208	GP33-5016	3165
1800	GP20-5018	1510	GP21-5018	1948	GP22-5018	2484	GP33-5018	3560
2000	GP20-5020	1678	GP21-5020	2164	GP22-5020	2760	GP33-5020	3956
Weight kg/metre	23.00		26.30		30.40		44.40	
Water cont. litres/metre	3.60		3.60		3.60		5.80	

600mm High								
Model	Type 20		Type 21		Type 22		Type 33	
Width (mm)	Code	Output (watts)	Code	Output (watts)	Code	Output (watts)	Code	Output (watts)
400	GP20-6004	390	GP21-6004	500	GP22-6004	652	GP33-6004	893
500	GP20-6005	488	GP21-6005	625	GP22-6005	815	GP33-6005	1117
600	GP20-6006	586	GP21-6006	749	GP22-6006	977	GP33-6006	1340
700	GP20-6007	683	GP21-6007	874	GP22-6007	1140	GP33-6007	1563
800	GP20-6008	781	GP21-6008	999	GP22-6008	1303	GP33-6008	1786
900	GP20-6009	878	GP21-6009	1124	GP22-6009	1466	GP33-6009	2010
1000	GP20-6010	976	GP21-6010	1249	GP22-6010	1629	GP33-6010	2233
1100	GP20-6011	1074	GP21-6011	1374	GP22-6011	1792	GP33-6011	2456
1200	GP20-6012	1171	GP21-6012	1499	GP22-6012	1955	GP33-6012	2680
1400	GP20-6014	1366	GP21-6014	1749	GP22-6014	2281	GP33-6014	3126
1600	GP20-6016	1562	GP21-6016	1998	GP22-6016	2606	GP33-6016	3573
1800	GP20-6018	1757	GP21-6018	2248	GP22-6018	2932	GP33-6018	4019
2000	GP20-6020	1952	GP21-6020	2498	GP22-6020	3258	-	-
Weight kg/metre	27.50		31.80		36.10		52.90	
Water cont. litres/metre	4.40		4.40		4.40		6.70	

Galant Plan Data

 New

900mm High								
Model	Type 20		Type 21		Type 22		Type 33	
Width (mm)	Code	Output (watts)	Code	Output (watts)	Code	Output (watts)	Code	Output (watts)
400	GP20-9004	546	GP21-9004	665	GP22-9004	844	GP33-9004	1172
500	GP20-9005	682	GP21-9005	831	GP22-9005	1055	GP33-9005	1465
600	GP20-9006	818	GP21-9006	997	GP22-9006	1265	GP33-9006	1758
700	GP20-9007	955	GP21-9007	1163	GP22-9007	1476	GP33-9007	2051
800	GP20-9008	1091	GP21-9008	1330	GP22-9008	1687	GP33-9008	2344
900	GP20-9009	1228	GP21-9009	1496	GP22-9009	1898	GP33-9009	2637
1000	GP20-9010	1364	GP21-9010	1662	GP22-9010	2109	GP33-9010	2930
1100	GP20-9011	1500	GP21-9011	1828	GP22-9011	2320	GP33-9011	3223
1200	GP20-9012	1637	GP21-9012	1994	GP22-9012	2531	GP33-9012	3516
1400	GP20-9014	1910	GP21-9014	2327	GP22-9014	2953	GP33-9014	4102
1600	-	-	-	-	GP22-9016	3374	-	-
Weight kg/metre	42.80		45.10		51.40		75.00	
Water cont. litres/metre	6.40		6.40		6.40		9.60	



Galant Plan Vertical



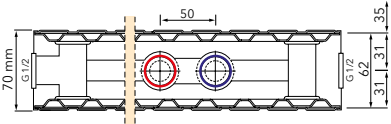
The Galant Plan Vertical is manufactured from 1.2mm steel with a 0.5mm aluminium front plate and is available in RAL 9016 Traffic White as standard, with other colours available on request.

Supplied complete with wall brackets, plugs and air vent, securable side panels and top grille as standard, the Galant Vertical has a 6 bar maximum working pressure (8 bar test), with 10 bar maximum working pressure available upon request. The Galant Vertical is supplied with 4 1/2" bsp-f connections and carries a 10-year guarantee against manufacturing defects.

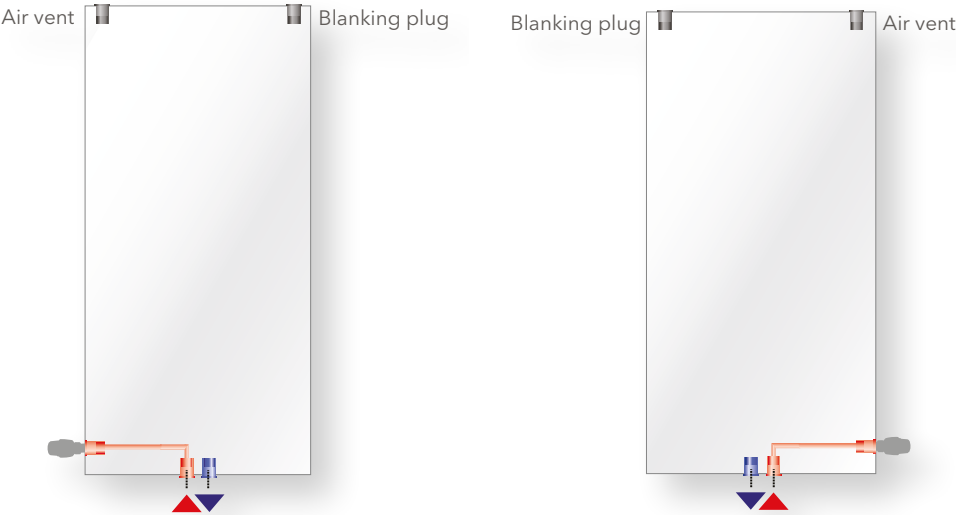
Galant Plan Vertical - Type 20					
Code	Height (mm)	Width (mm)	Output (watts)	Weight (kg)	Water cont. (litres)
GPV15050	1500	500	999	34.50	5.40
GPV15060	1500	600	1137	41.30	6.60
GPV15090	1500	900	1515	64.20	9.60
GPV18050	1800	500	1146	41.40	6.48
GPV18060	1800	600	1304	49.50	7.92
GPV18090	1800	900	1738	77.00	11.52
GPV22050	2200	500	1356	50.60	7.92
GPV22060	2200	600	1543	60.50	9.68
GPV22090	2200	900	2056	94.20	14.08

Plan View

Type 20
Depth 70mm

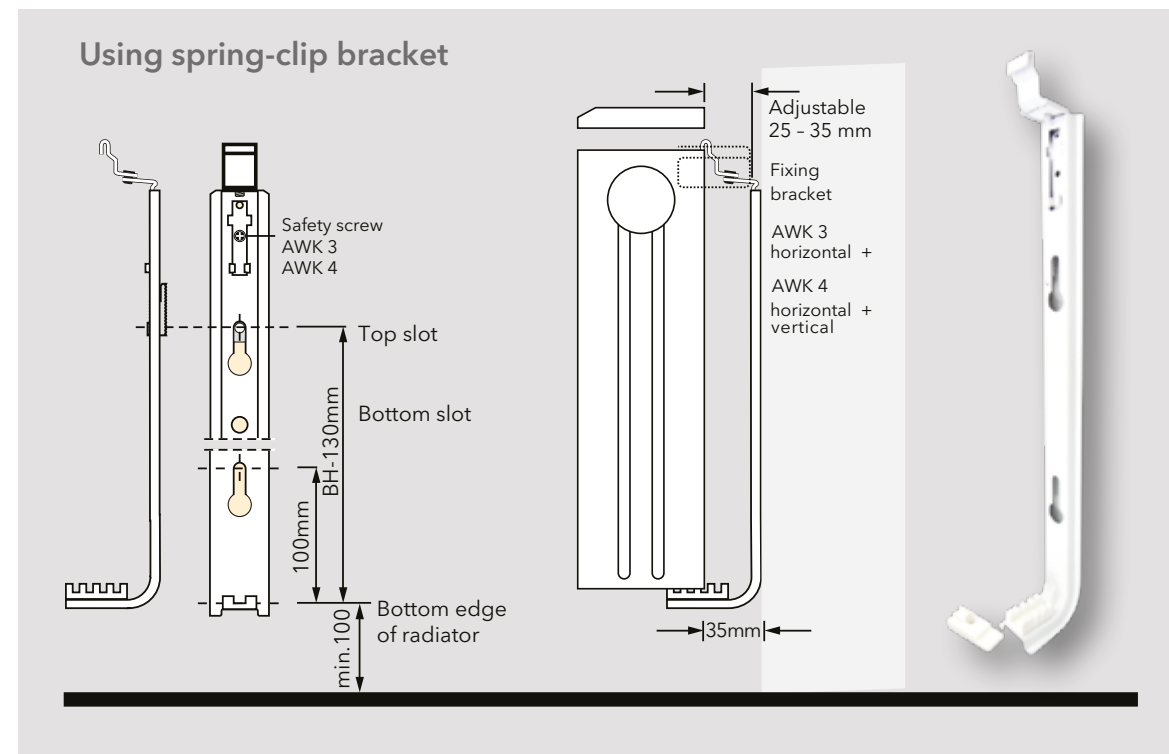


Connection variants



When ordering it must be specified if the flow and TRV head (if fitted) will be on the left or right

Galant Plan wall mounting



Instructions for wall mounting using spring-clip brackets

All Galant Plan radiators can be quickly and securely mounted using spring-clip brackets.

1. The spring-clip brackets are fastened vertically to the wall and aligned so they are level using the slots.
2. The radiator (with the top grille removed) is fitted to the plastic slots at the bottom.
3. We recommend the second slot from the wall, which corresponds to a wall spacing at the bottom of 35mm (the wall spacing at the top is set as appropriate in the factory).
4. The top clip is engaged so that it fully encloses the edge of the radiator and the radiator is securely attached to the wall by the spring-action.
5. The top grille is fitted.
6. The top catch can be adjusted to compensate for unevenness on the wall.

Mounting in packed state (optional)

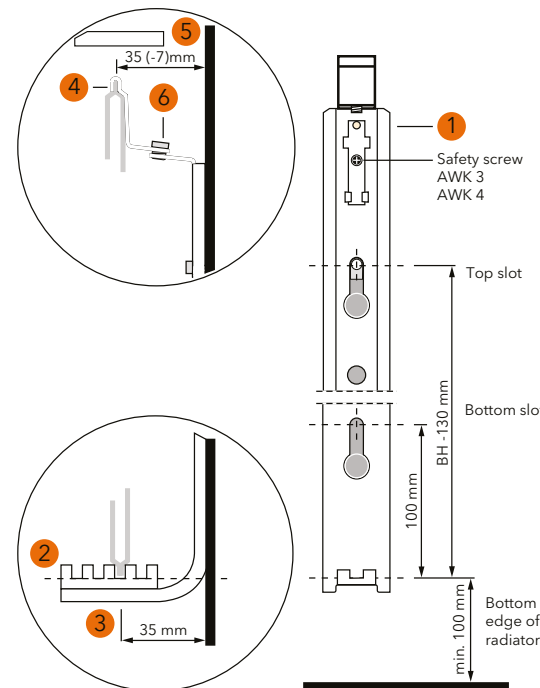
For fastening the radiator to the wall in the packed state we recommend the usage of the pre-installation adapter.

Cleaning instructions

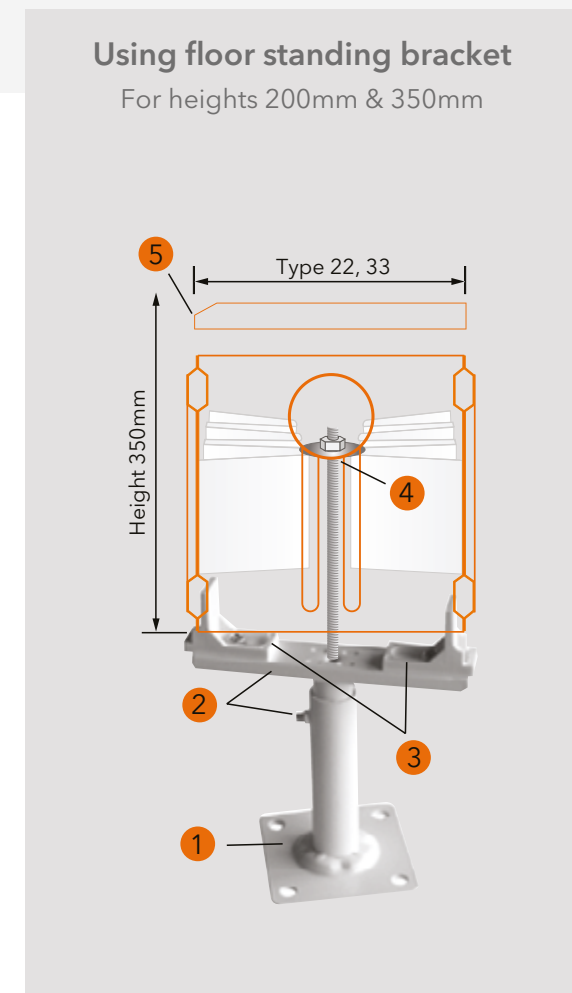
The top grille fitted to the radiators - with factory-welded retaining clips - can be removed straightforwardly for cleaning (without tools).

Anti-lifting feature (optional)

Undesirable removal of the top grille can be prevented using the anti-lifting feature. Ideally for use in schools, public buildings and also rooms for children.

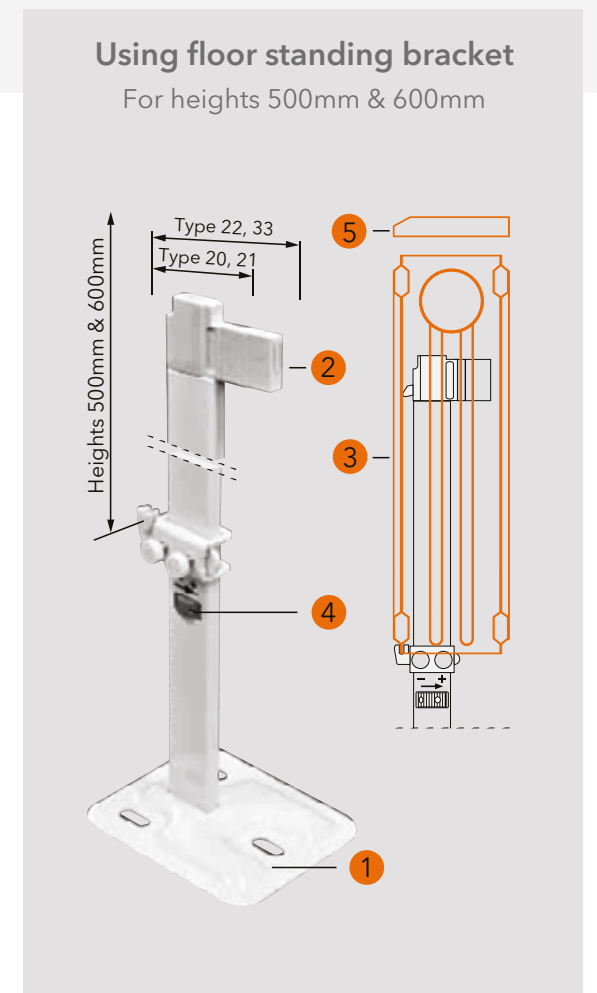


Galant Plan floor mounting



1. The bottom parts of the floor standing bracket are positioned on the floor and fastened.
2. The top parts of the floor standing bracket are locked in the bottom part at the required height.
3. The plastic blocks are adjusted and the radiator (without top grille) is fitted.
4. With the aid of the threaded rod the washer is pressed onto the fins and the radiator is locked in this manner.
5. The top grille is fitted.

The floor standing bracket is available in two versions for finished floors (125 - 185 mm) or bare floors (185 - 285 mm) and is suitable for the heights 200 and 350 mm. For each floor standing bracket there is a matching trim cover.



1. The floor standing brackets are positioned on the floor and fastened.
2. If necessary, the plastic top part is shortened to suit the related types.
3. The radiator (without top grille) is fitted.
4. The radiator is clamped using the fixing fitting.
5. The top grille is fitted.

The floor standing bracket is available in two versions for finished floors and bare floors and is suitable for the heights 500 and 600mm.

There is a matching trim cover for the floor standing bracket.

Galant Plan Valves

Optional Studio Valves

The dynamic Studio Valve represents unrivalled aesthetics and value, combining gleaming futuristic sophistication and engineered precision.



Optional Sterling Valves

The simple and elegant Sterling Valve is a cost effective alternative, which still delivers reliable performance.



Δt	CF
60	1.267
59	1.24
58	1.213
57	1.186
56	1.159
55.5	1.145
55	1.132
54	1.105
53	1.079
52	1.052
51	1.026
50	1.000
45	0.872
40	0.748
35	0.629

Correction factor table

The outputs shown within this brochure are based on BS EN442, 75-65-20°C operating conditions, giving a Δt of 50°C, for Δt s other than this, a correction factor must be applied. This correction factor table assumes an averaged exponent of 1.30.

If a more accurate exponent / correction factor is required, please contact MHS Radiators.

Example: Output required @ 82-71-21°C Δt 55.5 the CF = 1.145, therefore multiply the listed output by the correction factor to give actual radiator output under these operating conditions.

Water treatment: These products are for use on closed heating systems only; they are not suitable for installation on secondary HWS circuits. On completion of the installation the entire system **MUST** be thoroughly cleaned and flushed to remove debris/flux residues etc. If a chemical cleanser is used, it must be thoroughly flushed from the system. Following this, the system **MUST** be dosed with a good eminence water treatment to prevent corrosion. System design, flushing and dosing must be in accordance with BS 5449: 1990, BS EN 12828 & 12831: 2003 and BS 7593: 2006

IMPORTANT: Failure to observe these requirements will render the guarantee on the product void.
Corrosion inhibitor must be used in accordance with the manufacturer's instructions and recommendations and should take into account the particular metals within the system.

This publication is issued subject to alteration or withdrawal without notice. The illustrations and specifications are not binding in detail.

Notes



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