



# Galant Plan Boost

Fan assisted flat-fronted steel panel radiators



## Features and Benefits

- Fan-assisted convector radiator
- Ideal for use with low-temperature heating systems
- 6 connections
- Fully automatic control
- Fully integrated, no visible components
- Traditional metric sizes

Types: 22 & 23

Material: Steel (1.2mm)

Finish: RAL 9016 Traffic White

Heights: 500 - 900mm

Widths: 600 - 2000mm

Models: 43

Outputs ( $\Delta 30^{\circ}\text{C}$ ) (Watts): 574 – 2890 (Comfort Mode)



# Galant Plan Boost

Conventional aesthetic, modern technology

The Galant Plan Boost radiator is manufactured from 1.2mm steel with a 0.5mm aluminium front plate and is available in RAL 9016 Traffic White.

## Control and Comfort

A built-in sensor detects room heat requirements, activating fans to 'boost' mode upon receiving warm water from the TRV head. After a brief period, the fans transition to the almost silent 'Comfort' mode.

Heat regulation is maintained utilising a conventional TRV head, regardless of brand or mode of operation. Users retain control flexibility, toggling between 'Boost', 'Comfort' or 'Off' manually via an intuitive interface displaying selected modes through LED indicators.

In 'Comfort' mode, the Galant Plan Boost excels, offering prolonged, energy-efficient heating with minimal power consumption and virtually noiseless operation. With fans and controls consuming less than 20 watts per hour, and noise levels below 25 dB(A), optimal comfort is ensured.

## Effortless Transition

Transitioning from existing metric radiators to Galant Plan Boost radiators is effortless, requiring no complex alterations to existing pipe systems.

Property owners can future-proof their radiator upgrade, with the fans being utilised when low temperature heating plant is introduced.

## Intelligently Engineered Ventilation

Equipped with a discreetly placed fan at the bottom, the radiators feature tamper protection, making them safe for households with children and pets. Additionally, they're splash-proof, operate on low voltage, and provide peace of mind regarding safety.

## Simplicity in Maintenance

The radiators are intelligently designed to prevent the accumulation of dust or dirt in hard-to-reach areas, ensuring easy cleaning.



### Optimal Efficiency

Thanks to artificially induced convection, Galant Plan Boost radiators operate effectively with lower flow temperatures, leading to significant energy savings and reduced heating costs. Even at a length of 2 meters, they consume merely 4.9 watts in comfort mode and no more than 23.4 watts in boost mode.

### Eco-Friendly Comfort

Reduced energy consumption translates to lower CO<sub>2</sub> emissions, making a positive impact on the environment.

**Supplied with:** wall brackets, plugs, air vent, top grille, welded side panel, 3m cable with plug.

**Connections:** 6x G1/2"

**Maximum operating pressure:** 6 bar

**Maximum operating temperature:** 55°C  
(with fans operating)

**Protection class:** IP20

**Supply voltage:** 100-240V

**Output voltage:** 12V

**\*Warranty:** 10 years (2 years on electrical components)



# Galant Plan Boost

Perfect for residential and commercial environments



**Lockable top grille**

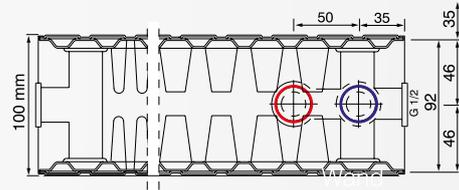
**Narrow profiles  
maximise the panel's  
contact area for  
increased efficiency**

**Welded side panels**

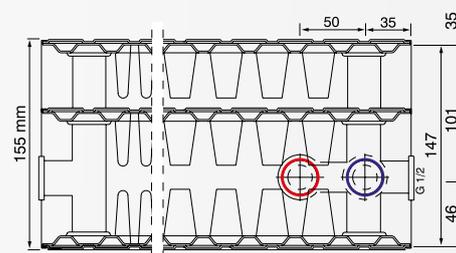
**Aluminium panel for  
rapid heat transfer**



**Type 22** Depth 100mm



**Type 33** Depth 155mm



Fans shown

# Connections

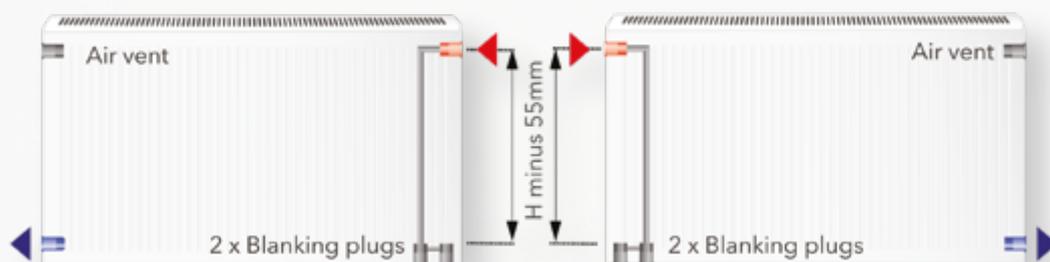
## Bottom bottom opposite ends (BBOE)

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



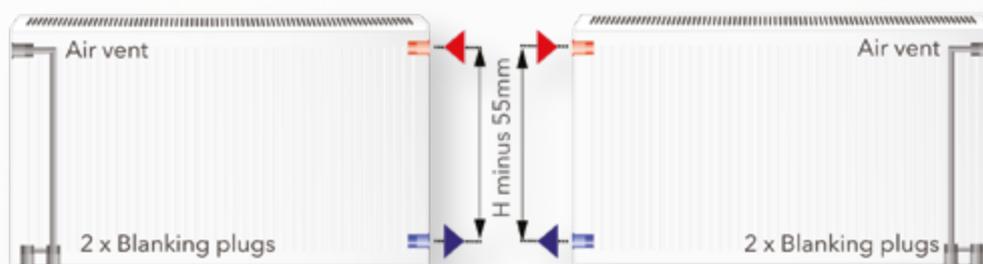
## Top bottom opposite ends (TBOE)

Flow and return diagonal, on the right or left side



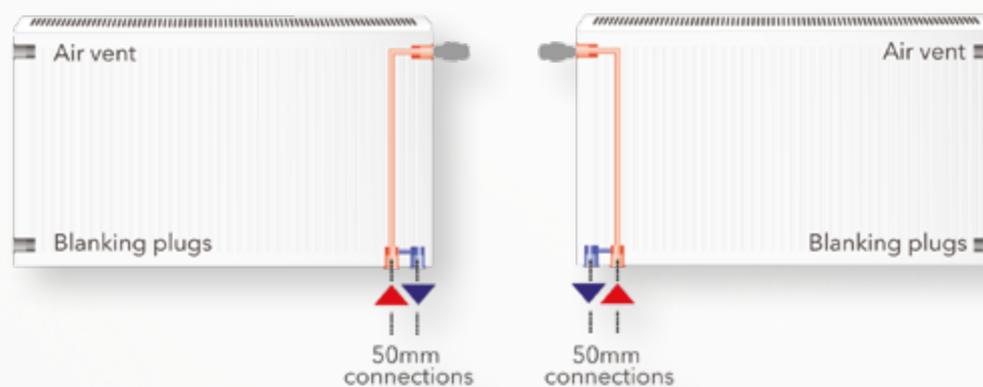
## Top bottom same end (TBSE)

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



# Data Type 22

500mm High																
Model		Type 22														
Code	Width mm	Output Watts 55°/45°/20°C			Output Watts 50°/40°/20°C			Output Watts 45°/35°/20°C			Output Watts 40°/30°/20°C			Output Watts 35°/30°/20°C		
		Static	Comfort	Boost	Static	Comfort	Boost	Static	Comfort	Boost	Static	Comfort	Boost	Static	Comfort	Boost
GPB22-5006	600	423	574	802	332	461	646	246	352	494	165	246	347	135	205	289
GPB22-5008	800	564	765	1070	442	614	862	328	469	659	220	328	462	180	273	386
GPB22-5010	1000	705	956	1337	553	768	1077	410	586	824	275	410	578	225	341	482
GPB22-5012	1200	846	1147	1604	664	922	1292	492	703	989	330	492	694	270	409	578
GPB22-5014	1400	987	1338	1872	774	1075	1508	574	820	1154	385	574	809	315	477	675
GPB22-5016	1600	1128	1530	2139	885	1229	1723	656	938	1318	440	656	925	360	546	771
GPB22-5018	1800	1269	1721	2407	995	1382	1939	738	1055	1483	495	738	1040	405	614	868
GPB22-5020	2000	1410	1912	2674	1106	1536	2154	820	1172	1648	550	820	1156	450	682	964

600mm High																
Model		Type 22														
Code	Width mm	Output Watts 55°/45°/20°C			Output Watts 50°/40°/20°C			Output Watts 45°/35°/20°C			Output Watts 40°/30°/20°C			Output Watts 35°/30°/20°C		
		Static	Comfort	Boost	Static	Comfort	Boost	Static	Comfort	Boost	Static	Comfort	Boost	Static	Comfort	Boost
GPB22-6006	600	495	644	895	387	520	725	286	399	559	191	281	397	155	235	332
GPB22-6008	800	660	858	1193	516	693	967	381	532	746	255	375	529	207	313	443
GPB22-6010	1000	825	1073	1491	645	866	1209	476	665	932	319	469	661	259	391	554
GPB22-6012	1200	990	1288	1789	774	1039	1451	571	798	1118	383	563	793	311	469	665
GPB22-6014	1400	1155	1502	2087	903	1212	1693	666	931	1305	447	657	925	363	547	776
GPB22-6016	1600	1320	1717	2386	1032	1386	1934	762	1064	1491	510	750	1058	414	626	886
GPB22-6018	1800	1485	1931	2684	1161	1559	2176	857	1197	1678	574	844	1190	466	704	997
GPB22-6020	2000	1650	2146	2982	1290	1732	2418	952	1330	1864	638	938	1322	518	782	1108

900mm High																
Model		Type 22														
Code	Width mm	Output Watts 55°/45°/20°C			Output Watts 50°/40°/20°C			Output Watts 45°/35°/20°C			Output Watts 40°/30°/20°C			Output Watts 35°/30°/20°C		
		Static	Comfort	Boost	Static	Comfort	Boost	Static	Comfort	Boost	Static	Comfort	Boost	Static	Comfort	Boost
GPB22-9006	600	640	820	1123	500	659	911	369	503	704	247	352	500	201	293	419
GPB22-9008	800	854	1093	1498	667	878	1215	492	671	938	329	470	667	268	391	559
GPB22-9010	1000	1067	1366	1872	834	1098	1519	615	839	1173	411	587	834	335	489	699
GPB22-9012	1200	1280	1639	2246	1001	1318	1823	738	1007	1408	493	704	1001	402	587	839
GPB22-9014	1400	1494	1912	2621	1168	1537	2127	861	1175	1642	575	822	1168	469	685	979
GPB22-9016	1600	1707	2186	2995	1334	1757	2430	984	1342	1877	658	939	1334	536	782	1118

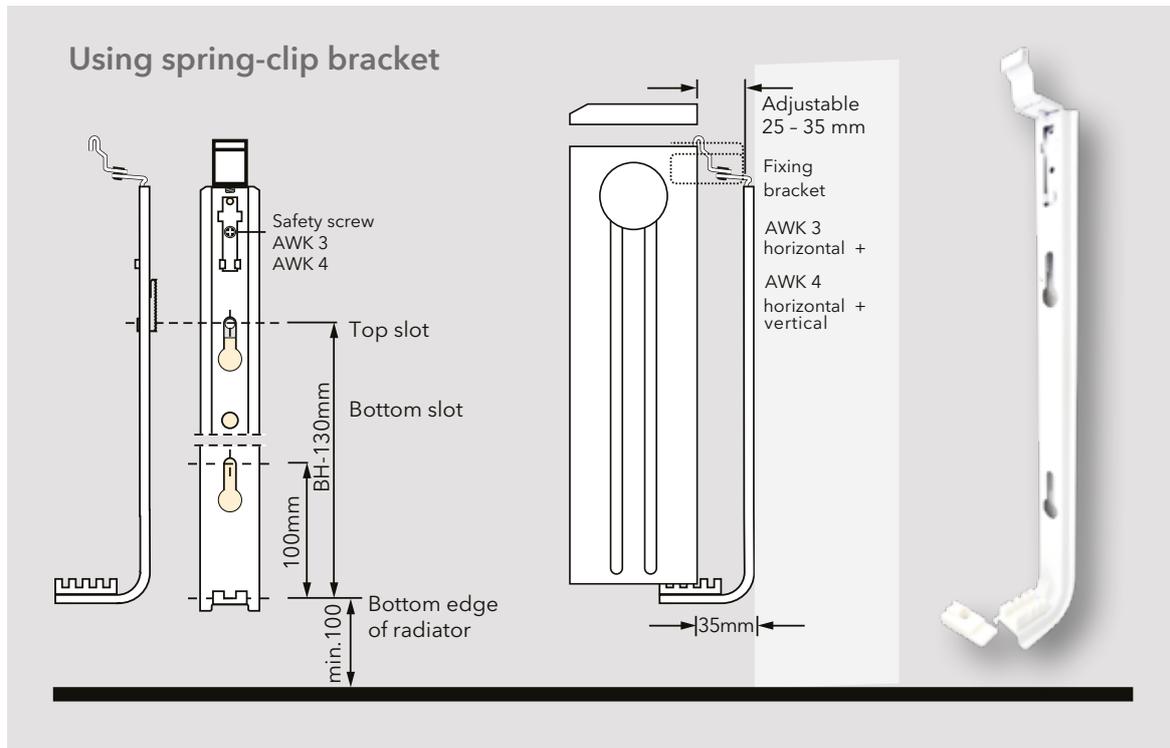
# Data Type 33

500mm High																
Model		Type 33														
Code	Width mm	Output Watts 55°/45°/20°C			Output Watts 50°/40°/20°C			Output Watts 45°/35°/20°C			Output Watts 40°/30°/20°C			Output Watts 35°/30°/20°C		
		Static	Comfort	Boost	Static	Comfort	Boost	Static	Comfort	Boost	Static	Comfort	Boost	Static	Comfort	Boost
GPB33-5006	600	601	772	989	470	615	787	347	464	593	232	320	409	189	264	337
GPB33-5008	800	802	1029	1318	626	820	1050	462	618	791	310	426	545	252	352	450
GPB33-5010	1000	1002	1286	1648	783	1025	1312	578	773	989	387	533	681	315	440	562
GPB33-5012	1200	1202	1543	1978	940	1230	1574	694	928	1187	464	640	817	378	528	674
GPB33-5014	1400	1403	1800	2307	1096	1435	1837	809	1082	1385	542	746	953	441	616	787
GPB33-5016	1600	1603	2058	2637	1253	1640	2099	925	1237	1582	619	853	1090	504	704	899
GPB33-5018	1800	1804	2315	2966	1409	1845	2362	1040	1391	1780	697	959	1226	567	792	1012
GPB33-5020	2000	2004	2572	3296	1566	2050	2624	1156	1546	1978	774	1066	1362	630	880	1124

600mm High																
Model		Type 33														
Code	Width mm	Output Watts 55°/45°/20°C			Output Watts 50°/40°/20°C			Output Watts 45°/35°/20°C			Output Watts 40°/30°/20°C			Output Watts 35°/30°/20°C		
		Static	Comfort	Boost	Static	Comfort	Boost	Static	Comfort	Boost	Static	Comfort	Boost	Static	Comfort	Boost
GPB33-6006	600	678	867	1094	530	692	878	391	523	669	262	362	467	212	299	388
GPB33-6008	800	904	1156	1458	706	922	1170	521	698	892	349	482	622	283	398	518
GPB33-6010	1000	1130	1445	1823	883	1153	1463	651	872	1115	436	603	778	354	498	647
GPB33-6012	1200	1356	1734	2188	1060	1384	1756	781	1046	1338	523	724	934	425	598	776
GPB33-6014	1400	1582	2023	2552	1236	1614	2048	911	1221	1561	610	844	1089	496	697	906
GPB33-6016	1600	1808	2312	2917	1413	1845	2341	1042	1395	1784	698	965	1245	566	797	1035
GPB33-6018	1800	2034	2601	3281	1589	2075	2633	1172	1570	2007	785	1085	1400	637	896	1165
GPB33-6020	2000	2260	2890	3646	1766	2306	2926	1302	1744	2230	872	1206	1556	708	996	1294

900mm High																
Model		Type 33														
Code	Width mm	Output Watts 55°/45°/20°C			Output Watts 50°/40°/20°C			Output Watts 45°/35°/20°C			Output Watts 40°/30°/20°C			Output Watts 35°/30°/20°C		
		Static	Comfort	Boost	Static	Comfort	Boost	Static	Comfort	Boost	Static	Comfort	Boost	Static	Comfort	Boost
GPB33-9006	600	890	1082	1355	696	863	1085	513	652	824	343	449	575	279	371	476
GPB33-9008	800	1186	1443	1807	928	1150	1447	684	869	1099	458	599	765	372	495	634
GPB33-9010	1000	1483	1804	2259	1160	1438	1809	855	1086	1374	572	749	956	465	619	793
GPB33-9012	1200	1780	2165	2711	1392	1726	2171	1026	1303	1649	686	899	1147	558	743	952
GPB33-9014	1400	2076	2526	3163	1624	2013	2533	1197	1520	1924	801	1049	1338	651	867	1110

# Wall mounting



## Instructions for wall mounting using spring-clip brackets

All Galant 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.

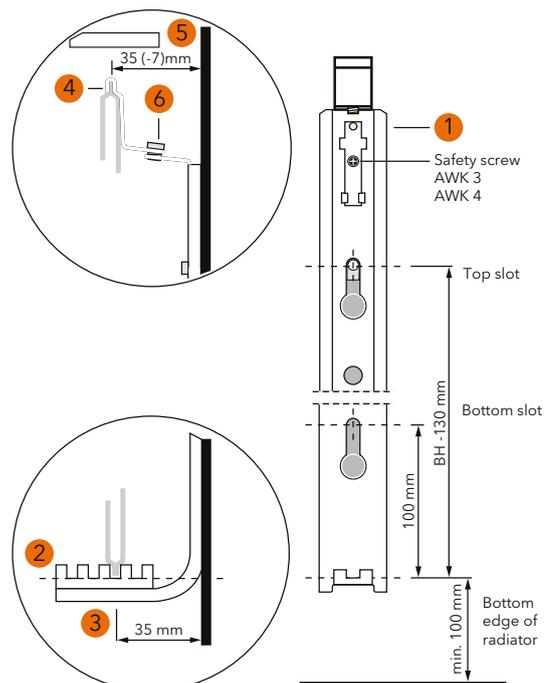
5. The top grille is fitted.
6. The top catch can be adjusted to compensate for unevenness on the wall.

### 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.



# Valves

## Connect with Variocon

All radiators in the Galant 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.



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 *(sold separately)*

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



## Optional Sterling Valves

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



**Sterling TRV  
Angled (15mm)**  
Code: VLVSTE-ACTRV

**Sterling TRV  
Angled (1/2" BSP)**  
Code: VLVSTE-ACTRV-BSP

## TRV Heads

**White (anti-tamper)**  
Code: VLVTRV-A421



**Chrome**  
Code: VLVTRV-P



**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.



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