

Space Saver

A highly energy efficient fan convector that fits neatly into the plinth of a kitchen unit. Space Saver eliminates the need for conventional radiators. And, as its name implies, this brings considerable space saving benefits - more room for extra storage units, more work surfaces, more space for kitchen appliances.

Space Saver is used predominantly for domestic applications where the ingenious plinth-mounting feature makes it ideal for heating kitchens and utility rooms. Plinth mounting also makes Space Saver ideal for certain non-domestic applications such as reception areas, changing rooms, libraries, etc.



Model	Room Size Guide* (m ²)	Heat Output at 80°C		Heat Output at 75°C		Heat Output at 70°C		Heat Output at 65°C	
		Normal kW (Btu/h)	Boost kW (Btu/h)	Normal kW (Btu/h)	Boost kW (Btu/h)	Normal kW (Btu/h)	Boost kW (Btu/h)	Normal kW (Btu/h)	Boost kW (Btu/h)
Hydronic									
SS9	63	2.2 (7500)	2.4 (8200)	2.1 (7000)	2.2 (7500)	1.8 (6300)	2.0 (6900)	1.7 (5900)	1.8 (6300)
SS7	46	1.6 (5500)	1.9 (6500)	1.4 (4800)	1.8 (6100)	1.3 (4400)	1.6 (5500)	1.2 (4100)	1.5 (5000)
SS5	37	1.3 (4400)	1.7 (5800)	1.2 (4100)	1.6 (5500)	1.1 (3800)	1.4 (4700)	1.0 (3400)	1.3 (4400)
SS3 (Improved heat output)	31	1.1 (3800)	1.4 (4800)	1.0 (3400)	1.3 (4400)	0.9 (3100)	1.2 (4100)	0.8 (2700)	1.1 (3800)
SS80	24	0.8 (2900)	1.1 (3600)	0.8 (2700)	0.9 (3200)	0.7 (2500)	0.8 (2800)	0.6 (2200)	0.7 (2500)
Hydronic Low Voltage									
SS5 12V	33	1.3 (4400)	1.7 (5800)	1.2 (4100)	1.6 (5500)	1.1 (3800)	1.4 (4700)	1.0 (3400)	1.3 (4400)
Hydronic/Electric (Dual)									
SS5 Dual	37	1.3 (4400)	1.7 (5800)	1.2 (4100)	1.6 (5500)	1.1 (3800)	1.4 (4700)	1.0 (3400)	1.3 (4400)
	29	1.0	-	1.0	-	1.0	-	1.0	-

Model	Room Size Guide* (m ²)	Heat Output at 60°C		Heat Output at 55°C		Heat Output at 50°C		Heat Output at 45°C	
		Normal kW (Btu/h)	Boost kW (Btu/h)	Normal kW (Btu/h)	Boost kW (Btu/h)	Normal kW (Btu/h)	Boost kW (Btu/h)	Normal kW (Btu/h)	Boost kW (Btu/h)
Hydronic									
SS9	63	1.5 (5200)	1.7 (5700)	1.3 (4500)	1.5 (5000)	1.1 (3900)	1.3 (4300)	0.9 (3200)	1.1 (3700)
SS7	46	1.1 (3800)	1.3 (4500)	1.0 (3400)	1.2 (4000)	0.9 (3100)	1.0 (3400)	0.8 (2700)	0.9 (3000)
SS5	37	0.9 (3100)	1.1 (3800)	0.8 (2700)	1.0 (3400)	0.7 (2400)	0.9 (3100)	0.6 (2000)	0.8 (2700)
SS3 (Improved heat output)	31	0.7 (2400)	1.0 (3400)	0.6 (2000)	0.9 (3100)	0.5 (1700)	0.8 (2700)	0.4 (1400)	0.7 (2400)
SS80	24	0.6 (1900)	0.7 (2300)	0.5 (1700)	0.6 (2000)	0.4 (1400)	0.5 (1700)	0.35 (1200)	0.4 (1400)
Hydronic Low Voltage									
SS5 12V	33	0.9 (3100)	1.1 (3800)	0.8 (2700)	1.0 (3400)	0.7 (2400)	0.9 (3100)	0.6 (2000)	0.8 (2700)
Hydronic/Electric (Dual)									
SS5 Dual	37	0.9 (3100)	1.1 (3800)	0.8 (2700)	1.0 (3400)	0.7 (2400)	0.9 (3100)	0.6 (2000)	0.8 (2700)
	29	1.0	-	1.0	-	1.0	-	1.0	-

■ In hydronic mode ■ In electric mode

*Room sizes given in cubic metres for general guidance only based on normal heat output (80°C) for domestic applications - always calculate heat losses. Heat outputs tested in accordance with BS 4856 using entering water temperature. Fan-only option operational only when central heating system is switched off. Dual models include an electric element which in electric heating mode will emit 1kW of heat.

Model	Room Size Guide* (m ³)	Heat Output at 40°C	
		Normal kW (Btu/h)	Boost kW (Btu/h)
Hydronic			
SS9	63	0.7 (2500)	0.9 (3000)
SS7	46	0.6 (2000)	0.8 (2700)
SS5	37	0.5 (1700)	0.7 (2400)
SS3 (Improved heat output)	31	0.3 (1000)	0.6 (2000)
SS80	24	0.3 (900)	0.3 (1100)
Hydronic Low Voltage			
SS5 12V	33	0.5 (1700)	0.7 (2400)
Hydronic/Electric (Dual)			
SS5 Dual	37	0.5 (1700)	0.7 (2400)
	29	1.0	-

■ In hydronic mode ■ In electric mode

*Room sizes given in cubic metres for general guidance only based on normal heat output (80°C) for domestic applications - always calculate heat losses. Heat outputs tested in accordance with BS 4856 using entering water temperature. Fan-only option operational only when central heating system is switched off. Dual models include an electric element which in electric heating mode will emit 1kW of heat.

Model	Room Size Guide* (m ³)	Sound Levels		Fascia Grille Finish	Fan-Only
		Normal (dBA)	Boost (dBA)		
Hydronic					
SS9	63	41	46	Stainless Steel	•
SS7	46	30	44	Stainless Steel	•
SS5	37	27	43	Stainless Steel	•
SS3	31	26	39	Stainless Steel	•
SS80	24	32	40	Stainless Steel	•
Hydronic Low Voltage					
SS5 12V	33	31	39	Stainless Steel	•
Hydronic/Electric (Dual)					
SS5 Dual	37	27	43	Stainless Steel	•

Sound levels measured at 1.5m.

Model	Flow & Return Connections	Mains Cable	Transformer	Flexible Hoses	Isolating Valves	Fused Spur	Power Consumption		Water Capacity (Litres)
							Normal (Watts)	Boost (Watts)	
Hydronic									
SS9	15mm	2.0m	n/a	•	n/a	3A	24	35	0.43
SS7	15mm	2.0m	n/a	•	n/a	3A	21	30	0.38
SS5	15mm	2.0m	n/a	•	n/a	3A	21	30	0.36
SS3	15mm	2.0m	n/a	n/a	n/a	3A	21	30	0.36
SS80	15mm	2.0m	n/a	•	n/a	3A	5	10	0.35
Hydronic Low Voltage									
SS5 12V	15mm	0.45m	•	•	n/a	3A	21	30	0.36
Hydronic/Electric (Dual)									
SS5 Dual	15mm	2.0m	n/a	•	n/a	5A	21	30	0.36
							1012	1018	n/a

■ In hydronic mode ■ In electric mode

Space Saver

Accessories



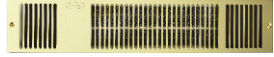
Wall-mounted room thermostat



Wall-mounted on/off switch



Brown



Gold



Black



Chrome



White

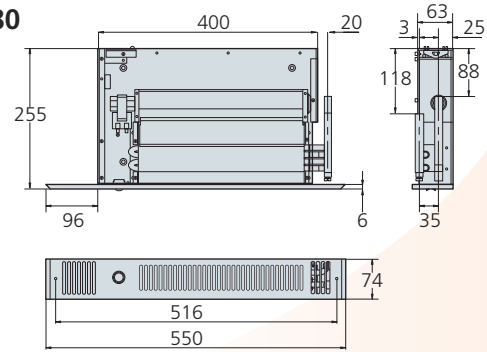


Aluminium

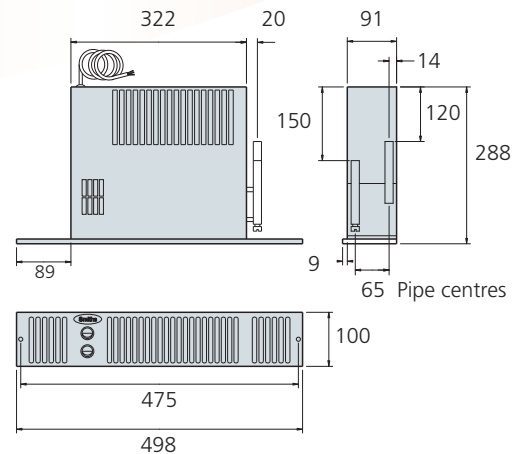
Alternative Grille Finishes

Space Saver models are supplied with a detachable brushed steel fascia grille. Fascia grilles are also available in the above colours.

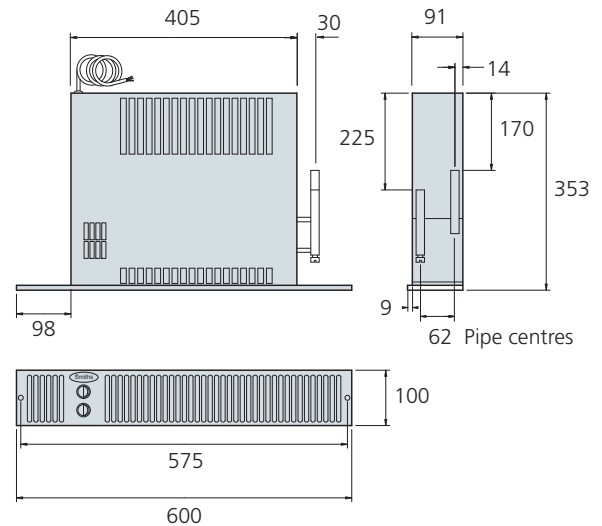
SS80



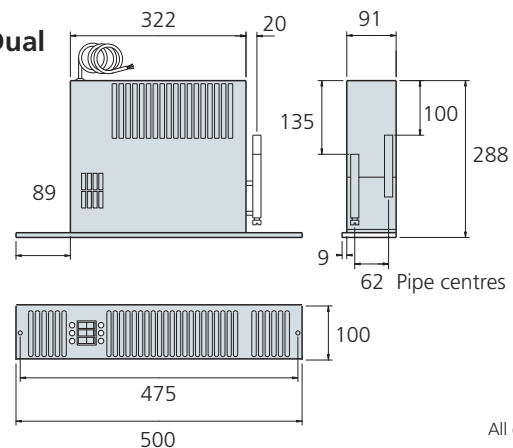
SS3, SS5, SS5 12V, SS7



SS9



SS5 Dual



Space Saver

Fascia Grille Finish

Stainless Steel

Installation

Important: Correct fascia grille opening must be cut to allow sufficient air intake

- 20mm clearance above unit required
- Model secured to plinth by two screws through fascia grille
- Unit must be earthed (not 12 volt SELV)
- Suitable for two-pipe central heating systems only
- SS80 supplied with detachable cable

Accessories

Wall-mounted room thermostat

SS80: Grilles: brown - RAL 8016, black - RAL 9005, white - RAL 9010

All other models: Grilles: brown - RAL 8016, black - RAL 9005, white - RAL 9010, chrome, aluminium, gold

Wall mounted control switch (white) to suit SS3, SS5, SS5/12V, SS7, SS9

Commissioning

Check water temperature is hot enough to activate low temperature cut-out thermostat (LTC). Vent screw accessible through fascia grille

Controls

Single rocker switch - low/off/normal

SS80: Low temperature cut-out thermostat set to energise fan at approximately 35°C

SS5 W/Dual: three rocker switches, heating/off/fan-only, hydronic/electric, normal/boost

Low temperature cut-out thermostat set to energise fan at approximately 35°C

All other models: two rocker switches -normal/off/boost, heating/fan-only

Low temperature cut-out thermostat set to energise fan at approximately 35°C

All dimensions in mm