

Fan Assisted Space Heaters - Models S1 - S4

Our commercial range of Fan Assisted Space Heaters are specifically designed to be compact, highly efficient and aesthetically pleasing at extremely competitive prices.

All models are available from stock at our UK factory for immediate delivery.

Fan Assisted Space Heaters are for use with hot water to provide back ground heat to either large or small internal spaces. The heaters provide a steady stream of fan assisted hot air.

Heat outputs range from 10.4 kW to 35.7kW. (For higher capacities - see our industrial range)

Sizes

- 4 sizes, Models S1, S2, S3 & S4 (See further info overleaf)
- Heat outputs from 10.4kW to 35.7kW @ 80°C design water temp
- Design air inlet temperature @ 10°C
- Air outlet temperature >31.5°C
- Max water temp / pressure: 110°C / 16 bar

(Heat outputs will vary according to water and air inlet temps)

Key Features

- Efficient and quiet 240v, 1ph, IP54, Electric motor
- CE marked
- Possibility to control KW output via accessories
- 18 months warranty
- Easy to install, clean and service
- Adjustable louvre blades for directional air flow
- Aesthetically pleasing design
- Water connections at rear of unit for tidy installation

Standard Materials

- Casing and Louvre: powder coated galvanised steel
- Heat Exchanger: copper tubes & aluminium fins
- Fan: powder coated aluminium

Typical Applications

- Factories & Warehouses
- Shops
- Sports Halls
- Garages & Workshops
- Greenhouses
- Churches
- Barns

Accessories

- Wall mounting brackets
- Fan speed controllers
- Control boxes and thermostats for automated control



Adjustable front louvre blades at front

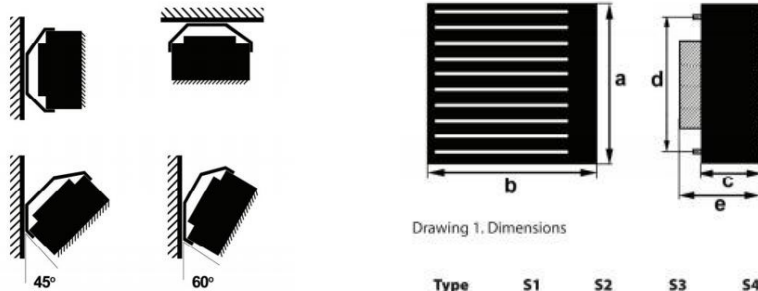


Compact design & fully enclosed casing

Technical Data

Design water inlet and outlet temperature: 80°C / 60°C
Design air inlet temperature: 10°C

| Technical Data | Units | S1 | S2 | S3 | S4 |
|--------------------------------------|--------------------|-------------|-------------|-------------|-------------|
| Heat Output @80/60°C water, Air 10°C | kW | 10.4 | 16.7 | 26.6 | 35.7 |
| Air flow | m ³ /s | 0.39 | 0.55 | 0.5 | 0.93 |
| Outlet Air Temperature | °C | 31.5 | 34 | 52.6 | 40.7 |
| Water flow rate | m ³ /hr | 0.46 | 0.73 | 1.17 | 1.57 |
| Water Pressure drop | kpa | 9 | 5 | 11 | 12 |
| | | | | | |
| Approx range of air throw | m | 10-12 | 10-18 | 10-18 | 10-25 |
| Weight | kg | 15 | 21 | 23 | 27 |
| Water Volume | L | 0.5 | 1.3 | 1.9 | 2 |
| Rated Current | A | 0.42 | 0.66 | 0.66 | 0.82 |
| Motor Power | W | 80 | 150 | 150 | 180 |



Drawing 1. Dimensions

| Type | S1 | S2 | S3 | S4 |
|--------|-----|-----|-----|-----|
| a [mm] | 452 | 552 | 552 | 660 |
| b [mm] | 494 | 545 | 545 | 696 |
| c [mm] | 202 | 252 | 252 | 252 |
| d [mm] | 350 | 450 | 450 | 560 |
| e [mm] | 305 | 368 | 368 | 384 |

Various installation options using the rotational wall mounting bracket

Bigger Fans?

Ask us about our **Industrial Dryer** packages with outputs from 50kW to 1000 kW



Larger kW outputs?

Ask us about our range of **Industrial Space Heaters** with heat outputs from 50kW to 250kW !



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