Skyline CT18

A ceiling-mounted, high-output fan convector that is ideal for large, non-domestic areas. Units install simply into a 600mm x 600mm ceiling tile. Skyline convectors can therefore heat large areas without any encroachment on usable space.

Skyline E 4kW

Independent tests* show that fan convectors are at least 24% more energy efficient than a panel radiator in heating up a room.

**Tests carried out by BSRIA (Building Services Research and Information Association) in August 2008*

Model	Heat Output Δt 60°C Normal kW (Btu/h)	Heat Output Δt 60°C Boost kW (Btu/h)	Heat Output Δt 50°C Normal kW (Btu/h)	Heat Output Δt 50°C Boost kW (Btu/h)	Sound Levels Normal (dBA)	Sound Levels Boost (dBA)	Casting Colour	Fan-Only	Flow and Return Connections
Hydronic									
Skyline CT18	3.5 (11900)	5.5 (18800)	2.8 (9600)	4.4 (15000)	44	55	White	•	22mm
Electric									
Skyline E 4kW	4.0	n/a	4.0	n/a	40	40	White	•	n/a

Δt 60°C assumes a mean water temperature of 80°C and room temperature of 20°C. Δt 50°C assumes a mean water temperature of 70°C and room temperature of 20°C. Hydronic outputs tested in accordance with BS 4856. Fan-only option operational only when central heating system is switched off. Sound levels measured at 1.5m.

Model	Main Cable	Transformer	Flexible Hoses	Isolating Valves	Fused Spur	Power Consumption Normal Watts	Power Consumption Boost Watts	Water Capacity (Litres)
Hydronic								
CT18	1.5m	n/a	n/a	n/a	3A	50	70	0.9
E 4kW	1.5m	n/a	n/a	n/a	20A	4045	n/a	n/a

Skyline CT18

Finish

Outer casing 0.7mm zinc-coated steel.
Polyester powder-coated.
Paint specification: textured white
BS 4800 00A01 18% gloss.

Installation

- Maximum installation height 3.2m (10'6") to underside
- Installed to 180mm - penetration depth in recess (excluding fittings)
- Four air inlet options: room only, void only, room and void, fresh air (spigot required)
- 600mm side clearance required
- Fixing brackets (4) supplied for connection to 6mm threaded rods or chains (rods and chains - not supplied)
- Blanking plates (2) supplied for air circulation options
- Unit must be earthed
- Supplied with remote operating switch
- Suitable for two-pipe central heating systems only

Commissioning

Check water temperature is hot enough to activate low temperature cut-out (LTC). The inclusion of an automatic air vent at the highest point is recommended to avoid possible air locks.

Controls

Two rocker fan switches - normal/off/boost, fan-heating/fan-only.

Low temperature cut-out thermostat set to energise fan at approx. 42°C (108°F).

Accessories

Wall-mounted room thermostat.
Fresh air inlet spigot to suit 100mm flexible hose.

Skyline E 4kW

Finish

Outer casing 0.9mm zinc-coated steel.
Polyester powder-coated.
Paint specification: textured white
BS 4800 00A01 18% gloss.

Installation

- Maximum installation height 3.2m (10'6") to underside
- Minimum 150mm void space required for recessed installation
- Not suitable for bathrooms and other high humidity areas
- Two air inlet options: room only, room and void
- Maximum flexibility in installation: only 600mm - side clearance required
- Facility for connection to 6mm threaded rod or chains (rods and chains - not supplied)
- 20 amp fused spur required
- Unit must be earthed
- Supplied with remote operating switch

Controls

Rocker switches for fan and element.

Overheat protection: thermal cut-out.
Manual reset procedure: switch power off at mains, wait 5 minutes, switch power on.

Accessories

Surface mounting kit - 135mm. Provides a complete four-sided trim when fitted to a solid ceiling.

Ceiling tile spacer - 85mm. Provides semi-recessed profile to match Skyline CT18 when used in ceiling tile frame.

Room thermostats used in conjunction with Skyline E 4kW must be rated at 20A minimum.

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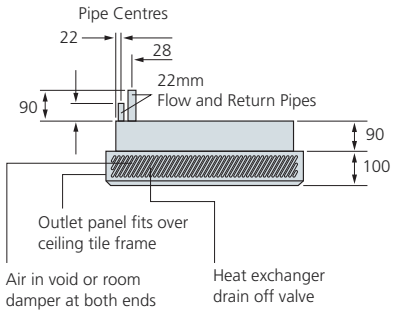
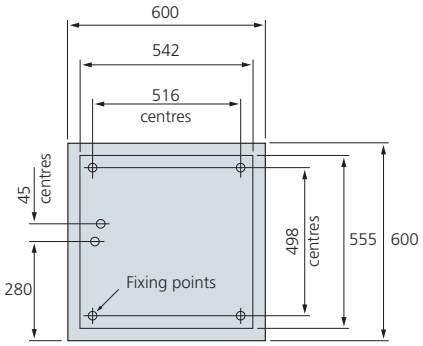
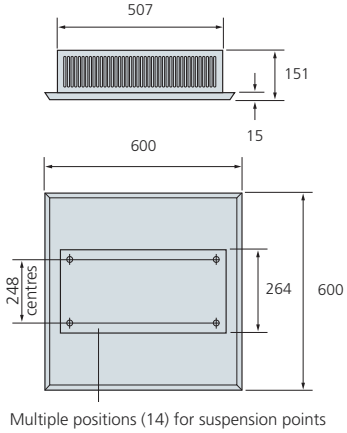




All dimensions in mm

Skyline E 4kW



Multiple positions (14) for suspension points