

envirotec

Series SS

Spacesaver door curtain



Designed for use where fixing space is at a premium, the 'SPACESAVER' range of Door Curtains can be fitted either above or below the false ceiling. They have the flexibility of either end or bottom return air, can readily be changed from one to the other on site, are completely self contained and are available in both hot water and electric forms. The maximum recommended mounting height is 3.05 metres (10 ft).

Although only 300mm in height, the Spacesaver delivers a powerful screen of air that completely dispels the 'hair dryer' image associated with many of its competitors.

Units can be installed singly or can be 'Banked' to provide one continuous air curtain. Standard units are finished in Gloss White which compliments the style and gives an aesthetically pleasing overall appearance. Alternative colour finishes are available if

required to match existing decor.

For libraries, office entrances or where a very quiet unit is required, a low noise unit is available. Furthermore, these units can also be used as convectors and in most models are provided with two speed fans for dual purpose use.

**a range of air conditioning equipment including:-
envirolators, door curtains, smoke fans,
axial & bifurcated fans, air handling units,
fan coil units, twin extract units, custom built units.**

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SPECIFICATIONS

FANS

Double inlet, Double Width centrifugal type, for quietness of operation, producing approximate outlet velocity of 7.6 m/s (1500fpm).

MOTORS

220/240 volts, single phase, 50Hz two speed type. Resiliently mounted into fan casings and with 'sealed-for-life' bearings. Manufactured to latest European Standards.

Spacesaver 12 & 18 - 0.2Kw,
F.L.C. 2.5 amps, S.C. 6.5 amps.

UNIT CONSTRUCTION

Zinc plated mild steel, finished in gloss white powdercoat. Alternative colour finishes are available on request.

HEAT EXCHANGER

Hot water – Aluminium fins bonded to copper tubing, pressure tested to 22 bar (350 lbf/in²) and terminating in 15mm plain copper tails for compression joint fixing inside the unit.

Electrical – 3-phase, 3 element finned type, constructed from high quality 80/20 nickel chrome resistance wire centred in metal tubes by compressed magnesium oxide. A wall mounted control switch is available for both Water and Electric units. Control panels for operating banks of electric units & incorporating a 3-heat facility can also be supplied.

A manual re-set high limit cut-out is fitted in accordance with normal safety requirements.

OUTLET GRILLE

Aluminium fixed blade type, finished in gloss white powdercoat. Adjustable blade grilles are available on request.

INLET GRILLE

Aluminium eggcrate type fitted on rear of unit (std) or on underside on request. Easily changed on site if necessary. Finished in gloss white powdercoat.

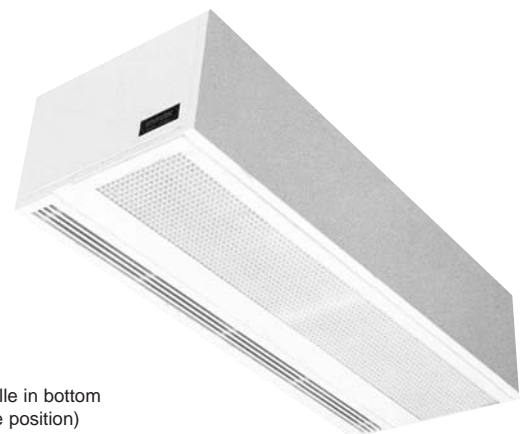
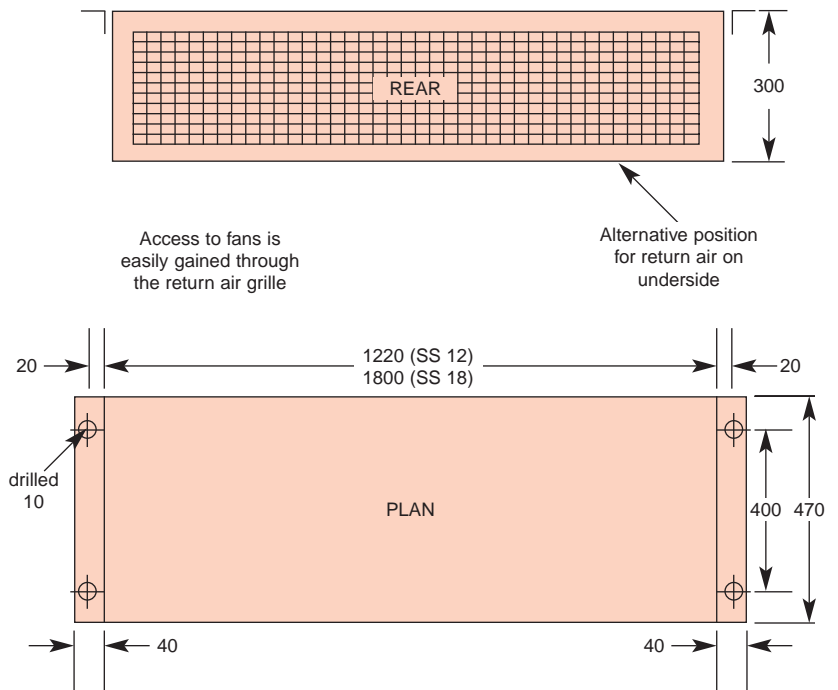
NOMINAL OUTPUTS

| MODELS | LPHW HEATING | HYDRAULIC RESISTANCE | FLOW RATE | ELECTRIC HEATING |
|--------|--------------|----------------------|--------------------|------------------|
| SS 12* | 9kw | 4.3 Kpa (1.4 ft) | 0.18L/s (2.4g/min) | 9kw |
| SS 18* | 14kw | 11.3 Kpa (3.7 ft) | 0.29L/s (3.8g/min) | 12kw |

* W or E should be suffixed to denote water or electric. L.P.H.W. outputs are based on water at 82°C flow/71°C return with entering air at 10°C.

Ceiling mounted door curtains are covered by our Mk 9, Mk 10, ESS and Modular types. Other overdoor types include the Enviroscreen, CDC & EAB.

Alternative kilowatt outputs are available to order.



Return air grille in bottom (alternative position)

WEIGHTS UNPACKED

SS 12 - 36Kg
SS 18 - 56Kg