

Pea Soup *Smoke Filters*



For many years Pea Soup have produced specialist aerosol and smoke generating equipment for the chemical, biological and nuclear industries, for testing the efficacy of the HEPA filters in these "Clean Room" environments.

Pea Soup have now utilised that technology in producing a range of "Smoke Filters" that can quickly and efficiently draw in smoke laden air and produce clear air on the output side of the HEPA filter bank. This means that users who have a requirement to produce smoke in an internal environment where normal venting of the smoke would be impractical can still clear smoke laden air from that environment at the touch of a button.

These units are ideal for clearing smoke laden air from aircraft simulators, computer suites or any area where venting to outside is impractical or undesirable.

Replacement filters are readily available. If necessary, the Smoke Filters can be mounted adjacent to the room or enclosure being vented, and the smoke extracted from that enclosure via a flexible hose. Typically, for example, in aircraft simulator applications, the Smoke Filter unit is mounted in the simulator hall, and a suitable umbilical hose is taken from the input side of the Smoke Filter to the simulator cabin.



PS500

PS500

Flow Rate:

M³/Hr 850 / CFM 500

Weight:

19 Kg

Dimensions:

490 x 440 x 370 mm

Pre-Filter Size:

12 x 12 x 2 inch

305 x 305 x 51 mm

Hose Size (if required):

6" / 152mm

Typically suitable for clearing room volumes of 100m³ in 15 minutes



PS1500

PS1500

Flow Rate:

M³/Hr 2,295 / CFM 1,500

Weight:

35kg

Dimensions:

560 x 490 x 830 mm

Pre-Filter Size:

15 x 15 x 4 inch

380 x 380 x 102 mm

Hose Size (if required):

12" / 305 mm

Typically suitable for clearing room volumes of 250 - 300m³ in 15 minutes



PS4000

PS4000

Flow Rate:

M³/Hr 5,950 / CFM 3,880

Weight:

91kg

Dimensions:

790 x 700 x 1250 mm

Pre-Filter Size:

24 x 24 x 4 inch

610 x 610 x 102 mm

Hose Size (if required):

16" / 406mm

Typically suitable for clearing room volumes of 600 - 700m³ in 15 minutes

Pea Soup

Pea Soup Limited – The Leader in Artificial Smoke Systems

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QUALITY ASSURED



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