

Concept Smoke Systems

CEL Smoke Scrubbers



For many years Concept 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 “Cleanroom” environments.

Concept have now utilised that technology in producing a range of “Smoke Scrubbers” that can quickly and efficiently draw in air containing our artificial smoke and produce clear air on the output side of the HEPA filter bank.

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. Depending on smoke density, they can be effective for many smoke clearing activations (100+) before efficiency was markedly reduced.

The Smoke Scrubbers incorporate an input spigot, so the unit can be mounted in an adjacent room to the one being vented if required, and the smoke extracted from the smoke filled room via a flexible hose.

Our Smoke Scrubbers allow users, who have a requirement to produce artificial smoke in an internal environment where normal venting of the smoke would be impractical, to produce smoke in knowledge that it can efficiently and quickly be cleared at the touch of a button.

Specification (approx.)	CEL SS - 800	CEL SS – 2000	CEL SS – 5000
Max Flow Rate (m3/hr)	800	2250	5450
Weight (kgs)	18	43	82
Dimensions inc spigot (cm)	42 x 45 x 46	50 x 56 x 94	71 x 85 x 113
Input Spigot diameter (cm)	30	30	40
Voltage options 50Hz	110v / 230v	110v / 230v	110 / 230v
Amperage - running- 110/230v (A)	2.2 / 1.1	11.0 / 5.5	25.0 / 12.0
Clearing room volume in 15 min (m3)	160	250 – 300	600 – 700
Replacement Pre Filter	SS-800– PF	SS-2000-PF	SS-5000-PF
Replacement HEPA Filter	SS-800-HEPA	SS-2000-HEPA	SS-5000-HEPA

WEB: www.conceptsmoke.com
 EMAIL: info@conceptsmoke.com
 TEL: +44 (0) 1628 825555

