

# Concept Smoke Systems

## CEL NPU 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 smoke laden air 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.

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.

Replacement filters are readily available. If necessary, the Smoke Scrubbers can be mounted in an adjacent room to the one being vented, and the smoke extracted from that room via a flexible hose.



Specification (approx.)	CEL NPU 500	CEL NPU 1500	CEL NPU 4000
Flow Rate	M3/Hr 850 / CFM 500	M3/Hr 2295 / CFM 1500	M3/Hr 5950 / CFM 3880
Weight	19kgs	35kgs	91kgs
Dimensions	49 x 44 x 37cm	56 x 49 x 83cm	79 x 70 x 125cm
Pre Filter Size	30.5 x 30.5 x 5.1cm	38 x 38 x 10.2cm	61 x 61 x 10.2cm
Hose Size (if applicable)	15.2cm	30.5cm	40.6cm
Typically suited to:	Typically suitable for cleaning room volumes of 100m3 in 15 minutes.	Typically suitable for cleaning room volumes of 250-300m3 in 15 minutes.	Typically suitable for cleaning room volumes of 600-700m3 in 15 minutes.

A full range of accessories are available, including:

- Spare Gauges
- Pre Filters / HEPA Filters

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