

Concept VC Aero Aerosol Generator

From Concepts Clean Room Solution range



- Particle size 0.2—0.25µm mmd
- Stainless steel casing
- Fully automatic self purge
- Wide range of outputs
- Splash Proof Switching
- IP 65 Digital Microprocessor with PID control and self diagnostic testing
- Machined heater block,
- Quick connect coupling to any size of inert gas bottle
- 2kg “supalite” CO₂ cylinder and regulator supplied
- Lifetime heater block warranty
- 10 year parts warranty*

General Specification (approx)	VC Aero1300	VC Aero 5000
Size (cm)	35 x 19 x44	55 x 19 x 44
Weight ((kg)	13	20
Heat Exchanger (w)	600w or 1100w or 2200w	600w or 1100w or 2200w
Power Supply	230vAC, 50-60Hz	230vAC, 50-60Hz
Optional	110vAC, 50-60Hz	110vAC, 50-60Hz
Warm up time from cold (min)	4	4
Duration at max output before refill (minutes)	112 (600w) 40 (1100w) 22 (2200w)	407 (600w) 145 (1100w) 85 (2200w)
Smoke Reservoir capacity (nominal ml)	1300	5000
Aerosol output (µg/sec) 0.6kw	0-166,000	0-166,000
Aerosol output (µg/sec) 1.1kw	0-466,000	0-466,000
Aerosol output (µg/sec) 2.2kw	0-850,000	0-850,000
Smoke Particle diameter (micron, mass median)	0.2-0.25	0.2-0.25
Remote operation	Included with every model	Included with every model

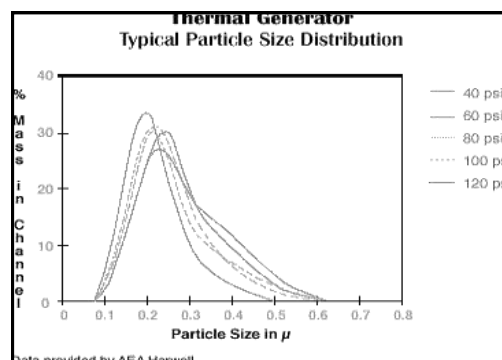
The VC Aero range of systems produces a consistent aerosol particle size and distribution throughout a wide range of pressures and are ideal for challenging HEPA filters to EN-ISO 14644-3 SectC.6.3 in the nuclear, pharmaceutical and clean room industries.

The units can be configured to use Ondina EL (Concept SO 135), Ondina 919, Emery 3004 / Durasyn 164.

The VC Aero incorporates a digital microprocessor controller with dual, 2 colour digital temperature (actual and target) display and PID control, self diagnostic testing, switching via a solid state relay for optimum controllability and reliability.

Aerosol from the VC Aero’s can be passed through flexible ducting if required using optional ducting adaptors (25mm, 50mm and 75mm available) and positive pressure fans if required. All units are supplied with a remote control.

* excludes cylinder and regulator



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