

Pea Soup PHANTOM Smoke System

Our best selling smoke generator for use in wind tunnel and air tracing applications



- Particle size 0.2 - 0.25µm mmd (adjustable if required)
- Fully automatic self-purge after every operation
- Controllable from a small wisp to a large plume
- Will support oil and water based smoke chemicals
- IP65 Microprocessor with PID control
- Machined heater block, guaranteed for life
- Quick connect coupling to any size of inert gas bottle
- 2kg CO2 cylinder and regulator

PHANTOM
ULTIMATE SMOKE GENERATION SYSTEMS

General Specification (approx)	PS31	PS33
Size (cm)	35 x 19 x 44	55 x 19 x 44
Weight (kg)	13	20
Heat Exchanger (w)	1100w (PS31ST) 2200w (PS31HI)	1100w (PS33ST) 2200w (PS33HI)
Power Supply	230vAC, 50-60Hz Optional 110vAC, 50-60Hz	
Warm up time from cold (min)	4	4
Duration at max output before refill (minutes)	40 (PS31ST) 22 (PS31HI)	145 (PS33ST) 85 (PS33HI)
Smoke Reservoir capacity (nominal ml)	1300	5000
Aerosol output (µg/sec) 1.1kw	0 - 466,000	
Aerosol output (µg/sec) 2.2kw	0 - 850,000	
Smoke Particle diameter (micron, mass median)	0.2 - 0.25	
Remote operation	Included with every model	

The Phantom range of systems produces a consistent aerosol / smoke particle size and distribution throughout a wide range of pressures, and will produce anything from a tiny wisp to a large plume of smoke, on demand.

The units are normally configured for use with Smoke Oil 135, although they will support water based chemicals as well with minor re-programming.

Smoke from the unit can be passed through flexible ducting if required using optional ducting adaptors (25mm, 50mm and 75mm available). Further reductions can be made, and we are happy to advise on the construction of rakes etc.

All models are available in a stainless steel finish if required.

All models carry a "lifetime" heater block warranty.

Contact the smoke machine specialists:



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