

PS27ER – 2.2kW

Water based smoke machine

with external fluid reservoir and optional airline purge function

THE DRAGON

The ultimate smoke machine for themed installations.

The PS27ER Smoke Generator is well suited to applications where continuous, high smoke output is required (variable from 0 – 100% un-ramped), since it utilises a modular peristaltic pump system rather than conventional, low cost piston pumps.

The unit can use either Smoke Fluid A (persistent – hang time ≥ 3 hours) or Smoke Fluid B (quickly dispersing) to generate a dense, white, non toxic smoke, with an incredibly consistent, and small particle size of 0.2 - 0.3 micron. This means it uses around 7 times less smoke fluid to generate the same densities of smoke as its nearest rival. The PS27ER is a modified PS27 with an external fluid tank pumping facility. This allows you to locate a smoke fluid reservoir of any volume (5, 25, even 200 litres) approx. 5 metres away from the unit giving very long run times. The Dragon can also be customised to accept an air line which will purge the heater block after every smoke issue – a zero maintenance smoke system.

The PS27 was voted overall winner in Fire Professional magazine's Back to Back 1999 smoke generator test, against four other leading brands. "Overall, across the testing criteria, it scored heavily and consistently. It's beautifully made, works well and from what we have seen here makes extremely efficient use of the fluid - a consumable that those of you who are acutely budget conscious will want to keep your eye on."

Perfect for theme parks, themed areas, art installations and advertising billboards – the persistent fog from using fluid type A hangs for up to 10 times longer indoors than that from traditional 'entertainment' fog machines, and superb steam effects are created using fluid type B.



- Continuous 100% high volume smoke output, no ramping down to maintain continuous fog flow
- Precision machined heat exchanger, guaranteed for life
- Solid state switching
- Peristaltic pump
- 5 year warranty, lifetime guarantee on heater block
- Supplied with 5 metre remote control. Timer / wireless remote / DMX optional.
- Optional air line purge function (must be specified at time of ordering)
- Can produce very persistent (Fluid A) or quickly dispersing smoke (Fluid B) as required

Operation:

- Warm up time from cold: 5 minutes
- Fluid consumption at 100% output is 50ml per minute
- Smoke output: 0 - 720 m³/min (25,000 ft³/min)
- Particle size 0.2 - 0.3 micron, mass median diameter

Available for 240v or 110v supplies. Ships worldwide.

Accessories available: Ducting adaptor & hose (75/50/25mm diameter), wireless remote, timer remote, DMX, centrifugal fan.

Specifications	
Power Requirements:	120V / 230V, 50/60Hz 2.2kW.
Dimensions: (H x W x L)	290mm (11.6in.) x 230mm (9.2in.) x 550mm (22in.)
Weight:	13.5kg (29.7lbs.)

AQAPI

NATO Quality Assurance

'for the design and production of non-toxic smoke systems for the military, industrial and security marketplace'



Available direct from Pea Soup Smoke Machines
www.smokemachines.NET Tel. 01642 769952