sensoryco.

31145 Plantation Drive
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SMOKE GENERATORS

SMOX12



Description

- Water based, non-toxic smoke
- Splash proof switching
- IP 65 Microprocessor
- Machined heater block, guaranteed for life
- Continuous smoke output
- Continuously rated pumping system
- Controllable smoke, from a small wisp to a large plume

The SMOX12 incorporates a continuously rated high-pressure pump drive system to drive the Smoke Fluid stored in the internal reservoir through its precision machined, heat exchanger block. There the Smoke Fluid is vaporized, and the vapor condenses on reaching atmosphere to form a dense, controllable and non-toxic smoke. This smoke generator is absolutely the choice in water-based smoke systems with longer hang times, more efficient use of smoke fluid, standard interfacing, greater reliability and built for the rigors of live and simulated training environments.

The temperature of the heat exchanger is controlled by a PID (proportional) microprocessor temperature controller and the heaters within the unit are switched by a solid-state relay to ensure optimum reliability. The SMOX12 also includes a float switch in the fluid reservoir to ensure that the pump doesn’t run dry.

SensoryCo Smoke Fluid A produces an incredibly persistent smoke, ideal for large volume smoke logging, BA training, leak testing etc. As with all SensoryCo. systems, the smoke from the SMOX12 is controllable, from a small wisp to a large plume and it can be passed through flexible ducting if required.

In terms of safety, the water-based smoke produced by the SMOX12 has been rigorously tested by independent laboratories and authorities to ensure that it is both safe and non-flammable.

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Specifications

Parameter	Value
Dimensions:	21.6” l x 9” d x 15.4” h
	550 mm l x 230 mm d x 290 mm h
Weight:	28.7 lb / 13 Kg
Power:	115 VAC, 60Hz Single Phase
Power Consumption:	1.6 kW / 1600 Watts
Warm Up Time:	5 min
Duration at Max Output:	approx. 35 min
Reservoir Capacity:	2 liters internal, external any size
Smoke Output:	0-18,000 cu feet/min @ 8.2’ visibility 0-500 cu meter/min @ 2.5m visibility
Smoke Particle diameter:	0.2-micron, mass median diameter
Control:	Manual Control - or - Relay Control for PLC, show controls or other
Warranty:	2 Years