

FST

Dragon Puffer™

Air Flow Indicator

Introduction

We have been searching for a replacement for the toxic chemical smoke tubes we have been using for leak detection. The Dragon Puffer though originally marketed as a toy has proven to be a useful, safe and economical tool. It provides an instant, harmless, non toxic, non corrosive controlled smoke plume, exactly what is needed in detecting air leakage from the zones we are testing.

The Dragon Puffer uses the same type smoke fluid as used in theatrical smoke generators, primarily distilled water with propylene glycol and glycerin. The fluid is forced through a tiny heated tube creating the instant, harmless smoke plume. (See the MSDS)

In our kits we have included the Dragon Puffer, fluid and batteries. Additional supplies are available as needed.



Instructions

1. Install 6 AA batteries per instructions in battery compartment and 1 AA battery in the Fan body
2. Fill fluid tank about 3/4 full with Super Zero Fluid
3. Turn on blower door fan to pressurize zone
4. Install and turn on blue power nozzle (trim back nozzle if needed to create thicker smoke plume)
4. Press POWER LEVER down gently until blue LED light glows.
5. Hold POWER LEVER down for 6 to 9 seconds to allow smoke generator to heat, then gently squeeze SMOKE LEVER to create a plume of smoke.
6. If the EXCESS FLUID TANK is full, suck out the fluid with the Super Zero Fuel bottle and put it back into the FILL TANK.

Hints

1. Be patient, hold POWER LEVER down longer than shorter.
2. Practice squeezing the SMOKE LEVER slowly to create a plume of smoke, not just one puff.
3. If the quantity of smoke produced seems to decrease, empty the EMPTY TANK and fill the FILL TANK, replace batteries.

Order the ZTS-800 Dragon Puffer Kit with one Dragon Puffer with one fan body, 2 pencil stream cones, 3oz. Bottle Super Zero fluid, seven AA batteries, instructions, MSDS Sheet all in hard case..... \$ 59.95

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