

Airflow Detection Powder



Here is a quick, easy way to test the safety of a fume hood before using it. Just a squeeze or two of the plastic bottle dispenses a cloud of ultra-fine, lightweight silica powder, which remains suspended long enough to visually check whether or not a fume hood is functioning properly. It is also useful for detecting drafts, leaks and air currents in rooms, ducts and exhaust systems. The amorphous silica powder is inert, non-toxic, and non-flammable, making it a safer method than using smoke-generating devices

Model	Description	Price
F199390000	Airflow Detection Powder	\$30

Smoke Puffer



One of the most convenient and widely used smoke sources. Provides smoke on demand. Simply squeeze the rubber bulb handle for discrete puffs or a continuous stream. Each reload smoke tube produces 250 to 500 puffs of smoke. After use, unused smoke left in tube is preserved by capping with a breech plug. Sealed glass smoke tubes can be stored indefinitely. Supplied in a convenient carrying case.

Model	Description	Price
9020186	Smoke Puffer w/ 10 Smoke Tubes	\$219
9020187	Spare Smoke Tubes, pkg. of 10	\$119

Smoke Candles

Studying Air Flow

Smoke mixed with air or gases simplifies the observation of flow patterns in all types of apparatus or wind tunnels, indoor and outdoor areas, to mention a few applications. Heating and air conditioning units can be properly balanced by observing the discharge from grilles or registers and adjusting until satisfactory. Smoke candles are recommended for checking relatively small air capacity units such as exhaust fans.



Detecting Leaks

Highly visible smoke readily blends with air and gases, simplifying the observation of airflow patterns or quickly pinpointing leaks. It does not support combustion or leave a visible residue. Leaks visible without smoke can instantly be seen after smoke is added.

The odor of escaping smoke also assists in pinpointing leaks. The tedious and time consuming soaping of piping systems and duct work for leaks can be eliminated by inducing sufficient smoke to fill an area approximately twice as large as the area being tested.

Model 1A - Smoke Candle

Burns for approximately thirty seconds and generates 4000 cubic feet of smoke. Size: 1-1/2" x 1-1/2".

Model 2B - Smoke Candle

Burns for one minute generating 8000 cubic feet of smoke. Size: 1-1/2" x 6".

Model 3C - Smoke Bomb

Generates a big 40,000 cubic feet of smoke while burning for two to three minutes. Size: 1-1/2" x 6"

Model	Description	Price
10-030	Smoke Candles, 1 dozen	\$80
10-060	Smoke Candles, 1 dozen	\$103
10-180	Smoke Bombs, 1 dozen	\$178