

Exhaust Fan Flow Meter

Accurate Low Flow Measurements



The Exhaust Fan Flow Meter shown with the DG-700 Pressure and Flow Gauge. DG-700 Gauge sold separately.

The Energy Conservatory's Exhaust Fan Flow Meter was designed to make quick and accurate measurements of airflow through residential bathroom fans, whole house ventilation fans, and other exhaust devices.

Smaller, lighter and easier to use than conventional flow measuring hoods, the Exhaust Fan Flow Meter was specifically engineered to measure flow down to 10 cfm. When the Exhaust Fan Flow Meter is placed over a fan grill, air is drawn through the calibrated opening. The opening is adjusted to minimize back pressure while maximizing accuracy.

When used with your DG-700 or DG-3 Digital Pressure and Flow Gauge, you can display air flow values directly in cubic feet per minute. A 6 foot extension pole connected to a suction cup can be used to access exhaust fan grills mounted high on walls or ceilings.

Specifications

Flow Accuracy: $\pm 10\%$ of reading when used with a 1% accurate pressure gauge with a display resolution of 0.1 Pa. (such as a DG-700, DG-3 or DG-2)

Flow Range:

Door position E1 44 - 124 cfm

Door position E2 21 - 59 cfm

Door position E3 10 - 28 cfm

Dimensions (inside): 16 in. l x 13 in. w x 8 in. d

Weight: 4 lbs. including extension pole

Extension Pole: 2 ft when collapsed
6 ft fully extended



The Energy Conservatory

2801 21st Avenue South, Suite 160

Minneapolis, Minnesota 55407

phone: 612-827-1117

fax: 612-827-1051

e-mail: info@energyconservatory.com

website: www.energyconservatory.com



**The ENERGY
CONSERVATORY**

DIAGNOSTIC TOOLS TO MEASURE BUILDING PERFORMANCE