

## AIR FLOW

### Air Flow

For flow standards or other critical uses, O'Keefe Controls Co. can provide measured air flow data for any of the standard precision orifice products. This optional service is available at a nominal charge and can be provided for the pressure or vacuum flow conditions listed below. A calibration sheet with measured data is provided for each orifice (see sample to the right).

Data is obtained using a digital mass flowmeter traceable to the National Institute of Standards Technology (NIST). Standard conditions are 70°F and 14.7 psia (See photo page 45).

Air flow data will be measured and recorded for twenty data points spread evenly over the band specified within the limits for the following conditions:

- Vacuum to 28" Hg
- Pressure ≤ 100 psig
- Flow ≤ 200 SLPM recorded in either SLPM or SCCM

**How to order:**

A calibration order should include:


- The catalog number of the part being calibrated
- The pressure band of interest stated  
(20 data points evenly spaced over this band will be provided)
- The units of pressure and flow to be used.

Fitting assemblies that include O'Keefe Controls orifices can often be measured without disassembling the orifice from the other fittings. Please provide the necessary mating fittings to your fitting assembly when returning your material for calibration.

A return authorization is required for all calibration orders. Please contact customer service at 800-533-3285.

### Certificate of Conformance




For quality assurance documentation a Certificate of Conformance is available. This optional service is available at a nominal charge and can be provided at time of purchase. The order will be verified by an O'Keefe Controls quality assurance representative and will be documented on a form similar to the sample on the right.



### MEASURED DATA POINTS

#### Air Flow

Pressure Units -	Air Flow Units -	
		Barometric Pressure _____
		Ambient Temperature _____
		Flowmeter _____
		OKC Part No. _____
		I/D No. _____
		Purchase Order _____
		Customer _____
		Customer P/N _____
		Invoice _____
		Data By _____
		Date _____

Mailing Address	Phone 203 261-6711	Location
P.O. Box Q	Fax 203 261-8331	4 Maple Drive
Trumbull CT 06611	website www.okcc.com • e-mail ms@okcc.com	Monroe, CT 06468

## Certificate of Conformance

Date \_\_\_\_\_

Customer \_\_\_\_\_

Purchase Order No \_\_\_\_\_

O'Keefe Controls Invoice No. \_\_\_\_\_

Part Number	Quantity
<p style="text-align: center;">The subject material was supplied in conformance with Catalog 11</p> <p style="text-align: right;">Sincerely,</p> <p style="text-align: right;">Patrick O'Keefe Vice President</p>	