# Air Volume Instruments


Standard Balometer
Model 6461 CFM

## Standard Balometer Capture Hoods

### Models 6461 CFM, 6463 CFM, and 6465 CFM

By placing an Alnor Balometer Capture Hood over a diffuser or grille, you can measure air volume to balance buildings and verify air flow distribution from 0 to 2000 cfm (0 to 3400 $m^3/h$, 0 to 950 l/s). The analog display makes this hood easy to use, minimizing the amount of training needed to make accurate measurements.

### Features and Benefits

- No batteries or electrical power source required
- Sturdy middle handle to easily carry with one hand
- Multiple hood sizes available

## Balometer Jr.® Capture Hoods

### Models 342 and 343

The Alnor Balometer Jr.® Capture Hood is ideal for tight spaces such as above office cubicles and in restrooms. This instrument stands only 21 inches high with the smaller 16 in. x 16 in. (406 mm x 406 mm) hood.

### Features and Benefits

- No batteries or electrical power source required
- Small size
- Easy to set up and use


Balometer Jr.
Model 343

*Rugged. Reliable. Professional.*

TSI | ALNOR®

# Balometer
Capture Hoods

Standard and Balometer Jr.

## Specifications
Standard Balometers

**Accuracy**
±3% of full scale, except ±20 cfm on 250 cfm scale

**Operational Temperature Range**
32 to 122°F (0 to 50°C)

**Storage Temperature**
-40 to 140°F (-40 to 60°C)

**Supply and Exhaust Ranges**
250, 500, 1,000, 2,000 cfm

**Scale Divisions (Supply/Exhaust)**
5 cfm from 25 to 200 cfm, 10 cfm from 100 to 500 cfm,
20 cfm from 400 to 1000 cfm, 50 cfm from 800 to 2000 cfm

**Maximum Usable Limit**
2,000 cfm

**Standard Openings**
2 ft x 2 ft, 2 ft x 4 ft, 1 ft x 4 ft, 1 ft x 5 ft, 3 ft x 3 ft
(610 mm x 610 mm, 610 mm x 1220 mm, 305 mm x 1220 mm,
305 mm x 1525 mm, 915 mm x 915 mm)

**Dimensions**

| | |
|---|---|
| **Instrument** | Height 40 in. (102 cm)<br>Width, Depth—variable depending on cloth hood size. Up to 5 ft (153 cm) wide, 3 ft (92 cm) deep at top opening. Base 17 in. x 17 in. (43 cm x 43 cm) |
| **Carrying Case** | 13 in. x 26 in. x 23 in. (H x W x D)<br>(33 cm x 66 cm x 59 cm) |

**Model Description**

| | |
|---|---|
| **Model 6461 CFM** | includes 2 ft x 2 ft (610 mm x 610 mm) hood |
| **Model 6463 CFM** | includes 2 ft x 2 ft (610 mm x 610 mm), 2 ft x 4 ft (610 mm x 1220 mm), and 1 ft x 4 ft (305 mm x 1220 mm) hoods |
| **Model 6465 CFM** | includes 2 ft x 2 ft (610 mm x 610 mm), 2 ft x 4 ft (610 mm x 1220 mm), 1 ft x 4 ft (305 mm x 1220 mm) hoods 3 ft x 3 ft (915 mm x 915 mm), and 1 ft x 5 ft (305 mm x 1525 mm) hoods |

## Specifications
Balometer Jr.

**Accuracy**
±5% of full scale, all ranges

**Operational Temperature Range**
32 to 122°F (0 to 50°C)

**Storage Temperature**
-40 to 140°F (-40 to 60°C)

**Supply and Exhaust Ranges**
0 to 200, 100 to 600, 400 to 1400 standard cubic feet per minute

**Scale Divisions**
10 cfm from 0 to 200 cfm, 20 cfm from 100 to 600 cfm,
50 cfm from 400 to 1400 cfm

**Dimensions**

| | |
|---|---|
| **Instrument** | 37 in. (94 cm) high with 2 ft x 2 ft hood<br>14 in. x 14 in. (36 cm x 36 cm) inside base<br>15 in. x 18 in. (38 cm x 46 cm) outside base<br>25 in. x 25 in. (64 cm x 64 cm) max. with 2 ft x 2 ft hood |
| **Carrying Case** | 7.5 in. x 27 in. x 19 in. (H x W x D)<br>(19 cm x 69 cm x 48 cm) |

**Operating Weight**
7 lbs. max. with 2 ft x 2 ft hood, 7.5 lbs max. with 2 ft x 2 ft hood and LoFlo adapter screen

**Model Description**

| | |
|---|---|
| **Model 342** | includes 2 ft x 2 ft (610 mm x 610 mm) hood |
| **Model 343** | includes 16 in. x 16 in. (406 mm x 406 mm) hood |

Specifications subject to change without notice.
U.S. Patent 4,548,076

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Contact your local Alnor Distributor or visit our website **www.alnor.com** for more detailed specifications.

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