



# Analog Balometer® Capture Hoods

Models ABT701 and ABT711



**The ABT Analog Balometer® Capture Hood continues the long Alnor® tradition of providing accurate and dependable analog instrumentation to the ventilation testing and balancing community.**

By placing an Alnor® ABT Balometer® Capture Hood over a diffuser or grille, air volume measurements are obtained quickly and easily which maximizes productivity. Fast meter response and easy-to-read indicator over a large scale make the ABT Balometer® Capture Hood an ideal choice for facility engineers, ventilation testing and balancing professionals, and commissioning.

#### Features and Benefits

- Simple-to-read analog meter allows for quick measurements
- Easy-to-carry with one hand using sturdy middle handle
- Ergonomic design and ultra light weight for easy one-person operation
- Multiple hood sizes available
- Measurement hold function
- Wheeled, luggage-style carrying case

#### Applications

- HVAC commissioning
- Troubleshooting HVAC systems
- Testing and balancing HVAC systems

#### Optional Accessories

- Multiple hood sizes available



## Specifications

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### Supply and Exhaust Ranges

30 to 1,000 CFM (ft<sup>3</sup>/min), 50 to 2,000 CMH (m<sup>3</sup>/hr)

### Accuracy

ABT701 ±3% of full scale selected +5 CFM (ft<sup>3</sup>/min)

ABT711 ±3% of full scale selected +10 CMH (m<sup>3</sup>/hr)

### Units

ABT701 CFM (ft<sup>3</sup>/min)

ABT711 CMH (m<sup>3</sup>/min)

### Scale Divisions (Supply/Exhaust)

CFM (ft<sup>3</sup>/min) 5 from 30 to 250  
10 from 200 to 500  
20 from 400 to 1,000

CMH (m<sup>3</sup>/hr) 10 from 50 to 500  
20 from 400 to 1,000  
40 from 800 to 2,000

### Power Requirements

Four AA-size cells alkaline

### Battery life

200 CFM (340 CMH) 29.2 hours

800 CFM (1,360 CMH) 21.3 hours

1,000 CFM (1,700 CMH) 20.4 hours

### Weight with Batteries

7.4 lb (3.4 kg)

### Operating Temperature Range

32 to 140°F (0 to 60°C)

### Storage Temperature Range

-40 to 140°F (-40 to 60°C)

### Model Description

ABT701 30 to 1000 CFM (ft<sup>3</sup>/min) with 2 ft x 2 ft (610 mm x 610 mm) hood

ABT711 50 to 2000 CMH (m<sup>3</sup>/hr) with 2 ft x 2 ft (610 mm x 610 mm) hood

Specifications are subject to change without notice.

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USA Tel: +1 800 874 2811  
India Tel: +91 80 67877200

China Tel: +86 10 8219 7688  
Singapore Tel: +65 6595 6388

### Optional Hood and Frame Kits

801097	2 ft x 2 ft (610 mm x 610 mm)
801216	2 ft x 3 ft (610 mm x 915 mm)
801201	2 ft x 4 ft (610 mm x 1,220 mm)
801200	1 ft x 4 ft (305 mm x 1,220 mm)
801202	1 ft x 5 ft (305 mm x 1,525 mm)
801203	3 ft x 3 ft (915 mm x 915 mm)
801209	16 in x 16 in (406 mm x 406 mm)
801210	5.25 in x 48 in (133 mm x 1220 mm)
801211	28 in x 28 in (710 mm x 710 mm)
801212	28 in x 50 in (710 mm x 1,270 mm)
801215	1 ft x 3 ft (305 mm x 915 mm)



ABT Shown with optional 16 in x 16 in (406mm x 406mm) hood and frame kit (p/n 801209)

