



## Air Volume Instruments



Model ABT701  
and ABT711

### Analog Balometer Models ABT701/ABT703/ABT711/ABT713

The new ABT Analog Balometer 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 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 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

*Rugged. Reliable. Professional.*



### Specifications

Analog Balometer Models ABT701/ABT703/ABT711/ABT713

#### 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/ABT703 ±3% of full scale selected +5 CFM (ft<sup>3</sup>/min)

ABT711/ABT713 ±3% of full scale selected +10 CMH (m<sup>3</sup>/hr)

#### Units

ABT701/ABT703 CFM (ft<sup>3</sup>/min)

ABT711/ABT713 CMH (m<sup>3</sup>/hr)

#### Scale Divisions (Supply/Exhaust)

CFM (ft<sup>3</sup>/min)  
5 from 30 to 250  
10 from 200 to 500  
20 from 400 to 1000

CMH (m<sup>3</sup>/hr)  
10 from 50 to 500  
20 from 400 to 1000  
40 from 800 to 2000

#### Power Requirements

Four AA-size cells alkaline

#### Battery life

200 CFM ( 340 CMH) 29.2 hours

800 CFM (1360 CMH) 21.3 hours

1000 CFM (1700 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

ABT703 30 to 1000 CFM (ft<sup>3</sup>/min) with 16 in x 16 in (406 mm x 406 mm) hood

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

ABT713 50 to 2000 CMH (m<sup>3</sup>/hr) with 16 in x 16 in (406 mm x 406 mm) hood

Specifications subject to change without notice.

#### Optional Hood and Frame Kits

801097 2 ft x 2 ft (610 mm x 610 mm)

801201 2 ft x 4 ft (610 mm x 1220 mm)

801200 1 ft x 4 ft (305 mm x 1220 mm)

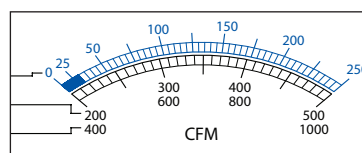
801202 1 ft x 5 ft (305 mm x 1525 mm)

801203 3 ft x 3 ft (915 mm x 915 mm)

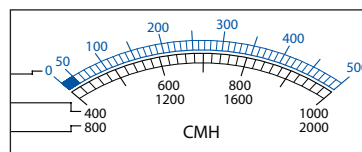
801209 16 in x 16 in (406 mm x 406 mm)



Model ABT703 and ABT713



Models ABT701/ABT703



Models ABT711/ABT713

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Contact your local Alnor Distributor or visit our website [www.alnor.com](http://www.alnor.com) for more detailed specifications.