

Alnor Analog Balometers

Air Volume Instruments Analog Balometers



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, balancing and commissioning professionals.

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



Models ABT701
and ABT711

Rugged • Reliable • Professional

Specifications

Analog Balometer - Models ABT701/ABT703/ABT711/ABT713

Supply and Exhaust Ranges

30 to 1,000 CFM (ft³/min), 50 to 2,000 CMH (m³/hr)

Accuracy

ABT701/ABT703	±3% of full scale selected +5 CFM (ft ³ /min)
ABT711/ABT713	±3% of full scale selected +10 CMH (m ³ /hr)

Units

ABT701/ABT703	CFM (ft ³ /min)
ABT711/ABT713	CMH (m ³ /hr)

Scale Divisions (Supply/Exhaust)

CFM (ft ³ /min)	5 from 30 to 250
	10 from 200 to 500
	20 from 400 to 1000
CMH (m ³ /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 characteristics

ABT701	30 to 1000 CFM (ft ³ /min) with 2 ft x 2 ft (610 mm x 610 mm) hood
ABT703	30 to 1000 CFM (ft ³ /min) with 16 in x 16 in (406 mm x 406 mm) hood
ABT711	50 to 2000 CMH (m ³ /hr) with 2 ft x 2 ft (610 mm x 610 mm) hood
ABT713	50 to 2000 CMH (m ³ /hr) with 16 in x 16 in (406 mm x 406 mm) hood

Specifications could change without notice.

Options : sets of hood and frame

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)
801206	Kit 1 x 4 ft and 2 x 4 ft
801207	Kit 1 x 5 ft and 3 x 3 ft
801209	16 in x 16 in (406 mm x 406 mm)



Models ABT703
and ABT713

