



SMART Air Hood® Balancing Instrument

Quad Flow Design Technology, Predictive Balancing

Models Select Chart

Model	Description
SAH-22	Smart Air Hood® balancing instrument. Includes: 2' x 2' hood with NIST certificate, handheld test instrument, 3' pole assembly, and travel case. DOMESTIC VERSION
SAH-22-IN	Smart Air Hood® balancing instrument less battery. Includes: 2' x 2' hood (less battery) with NIST certificate, handheld test instrument, 3' pole assembly, and travel case. INTERNATIONAL VERSION

Accessories

Model	Description
A-SAH-12P	4.5' to 12' (1.4 m x 3.7 m) extendable pole (required for operation for all SAH models)
A-SAH-SC	Replacement Smart Air Hood travel case
A-SAH-CK	Replacement calibration kit, includes: sensor module and 4 quad flow sensing grids
A-SAH-14S	Canvas hood 1' x 4' (0.3 m x 1.2 m)
A-SAH-24S	Canvas hood, 2' x 4' (0.6 m x 1.2 m)
A-SAH-BK	Adapter base kit for canvas hoods, (required with first purchase) for use with A-SAH-14S, A-SAH-24S, A-SAH-15S and A-SAH-33S.
A-SAH-15S	Canvas hood attachment, 1' x 5' (0.3 m x 1.5 m)
A-SAH-33S	Canvas hood attachment, 3' x 3' (0.9 m x 0.9 m)
A-SAH-03P	Extendable pole, 2' to 4' (replacement pole)

Specifications:-

VOLUME FLOW	
Service	: Air.
Units	: CFM, m ³ /h, l/s.
Volume Flow Ranges	: Supply: 40 to 2000 CFM (68 to 3398 m ³ /h) (19 to 944 l/s); Exhaust: 80 to 2000 CFM (136 to 3398 m ³ /h) (38 to 944 l/s).
Accuracy > 40 CFM	: ±3% of reading ±7 CFM (11.9 m ³ /hr) (3.3 l/s)*.
Resolution	: 1 CFM (1.7 m ³ /h) (.5 l/s).
Power Requirements	: 3.6 V NCR18650B MH12210 lithium ion battery, included, user replaceable or (4) 1.5 V AA alkaline batteries, not included, user replaceable.
Housing Material	: Polypropylene.
Weight	: 5.75 lb (2.6 kg).
Agency Approvals	: CE, FCC, IC.