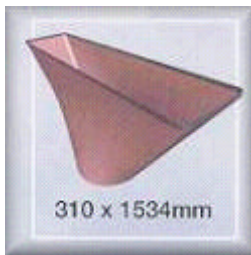


Product Data Sheet

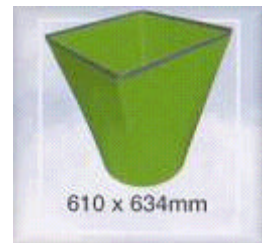
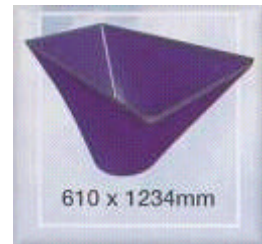
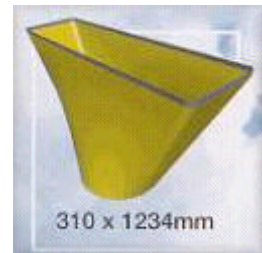
Manufacturer : Airflow Developments

Model : Prohood

Page 1 of 3



PROHOOD



**The only Capture Hood Kit for
Air Balancing you will ever need**

A highly specified, light weight, one man operated solution for commissioning and balancing air volume flow at grilles, linear slots and diffusers. Accurate for both supply and extract ProHood saves time and money on HVAC commissioning while helping create an energy efficient and healthier environment. With an incredible choice of SIX Fabric and THREE Plastic Hood sizes and a detachable anemometer look no further than ProHood.

Whilst every effort has been made to ensure the accuracy of the information given in this data sheet, no liability is given or implied for any error or omission contained herein. Due to our policy of progressive improvement, **BSRIA Instrument Solutions** reserve the right to change products and/or services without notice. Accuracies shown above are for those stated by the manufacturer, **BSRIA Instrument Solutions** accuracies for Hire instrumentation may differ from those claimed by the manufacturer.

Many names used in this data sheet are the trade mark names of their manufactures; **BSRIA Instrument Solutions** acknowledges all registered trade marks.

Product Data Sheet

THE PROHOOD ADVANTAGE

- Displays air Volume flow, Velocity and Temperature in SI, Metric or Imperial measurements
- No mistakes with colour coded fabric hoods for easy identification
- Free calibration certificate to international standards
- Hoods designed to comply with latest European grille size recommendations
- Easy read, tilting, backlit meter indicates supply or extract flow
- Use in any orientation for wall, ceiling and floor grilles
- Highly accurate - even at low flows - no plate changes required
- Detachable air flow meter for every day use with a choice of vane 35mm and 100mm diameter sensors
- Pre-assembled hood frames save time on site (unlike metal kits)
- Auto zero, memory, avg/max/min/sum, STP, RS232 for Windows®
- So compact basic kit fits in a 'carry aboard' flight bag
- Perfect for commissioning, facilities managers, health and safety specialists, test engineers, ventilation contractors and consultants



- Choice of six durable, collapsible fabric hood sizes
- Option of three plastic hoods for smaller grilles
- Three fixed opposed handles for ease of handling with finger tip control button
- Detachable anemometer with 100mm and 35mm vane sensors and articulating telescopic probe
- Superbly featured air meter with 'real time' and 'recall modes', duct dimensions and area inputs
- Adjustable display damping for fluctuating flows
- Temperature measurement direct from hood and vane sensor
- No low flow screens to remove and replace Leak tight, tear resistant, nylon hoods with air cushioned grille seals
- Hoods interchangeable with other leading makes
- Tilting, back-lit flow meter fully protected for on-site knocks
- True ambient readout or STP corrected readings
- Direct download into Windows® software or to portable mini printer
- Calibration certificate, carry case and batteries supplied
- Exceptional value for money.



Whilst every effort has been made to ensure the accuracy of the information given in this data sheet, no liability is given or implied for any error or omission contained herein. Due to our policy of progressive improvement, **BSRIA Instrument Solutions** reserve the right to change products and/or services without notice. Accuracies shown above are for those stated by the manufacturer, **BSRIA Instrument Solutions** accuracies for Hire instrumentation may differ from those claimed by the manufacturer.

Many names used in this data sheet are the trade mark names of their manufactures; **BSRIA Instrument Solutions** acknowledges all registered trade marks.

Product Data Sheet

SPECIFICATIONS

Volume Flow	85 to 4078 m ³ /hr 24 to 1133 L/sec 50 to 2400 CFM
Velocity Range (using 100mm vane)	0.25 to 30 m/sec 50 to 6000 ft/min
Temperature Range	0 to 80°C 32° to 176°F
Accuracy (calibrated better than)	Supply ± 3% of reading ± 12 m ³ /hr Exhaust ± 4% of reading ± 12 m ³ /hr
Display Resolution Volume	1 m ³ /hr 1 1/sec 1 CFM
Velocity	0.01 m/sec 1 ft/min
Temperature	0.01°C 1°F
Memory Locations	99
Digital Output	RS232
Operating Range	0 to 50°C
Weight (Instrument and 610x634mm Hood)	3.8kg (8.3lbs)



Standard Kit	Instrument, Meter Hood 610 x 634mm Carry Case Batteries and Certificate of Calibration traceable to International Standards.
Optional	Fabric Hood 410 x 434mm (Red) Fabric Hood 310 x 1234mm (Yellow) Fabric Hood 310 x 1534mm (Orange) Fabric Hood 610 x 1234mm (Blue) Fabric Hood 910 x 934mm (Grey) Plastic Hood* 180mm Dia Plastic Hood* 285 x 235mm Plastic Hood* 330 x 330mm *Use with 100mm vane sensor 100mm Vane Sensor 35mm Vane Sensor Telescopic Vane Extension Probe 0.4 to 1.1m Apu 10 mini Printer Various PC cables for direct interface/download with Windows® Software

Whilst every effort has been made to ensure the accuracy of the information given in this data sheet, no liability is given or implied for any error or omission contained herein. Due to our policy of progressive improvement, **BSRIA Instrument Solutions** reserve the right to change products and/or services without notice. Accuracies shown above are for those stated by the manufacturer, **BSRIA Instrument Solutions** accuracies for Hire instrumentation may differ from those claimed by the manufacturer.

Many names used in this data sheet are the trade mark names of their manufactures; **BSRIA Instrument Solutions** acknowledges all registered trade marks.