

SwemaFlow 236

Air flow Hood

SwemaFlow 236 measures air flows up to 65 l/s, 137 cfm. SwemaFlow 236 uses the proven Swema principle, a net of hot wires, which gives a good and accurate mean value for exhaust air flows. The net allows low flow and also a wide opening. Measured values can be stored and transferred to PC.

Additional hoods

There are two foldable adapters that fit wider openings. The longer adapter is for supply air to equalize the flow pattern. Be aware that supplies often have a low pressure drop and that a flow hood may throttle the flow. In that case SwemaFlow 126 back pressure method is recommended.

Low weight and telescopic handle

The low weight and the telescopic handle with angular adjustment provide a good reach that makes a ladder often not needed.

Large digital display

The large digital display with backlight can freeze and turn its reading upside down. Air flow, temperature or barometric pressure can be displayed.

Barometer, temperature

Temperature and barometric pressure are measured to present the flow at Real or Standard density. Select Real or Standard flow with the PC-setting.

Part.No. 769780

SwemaFlow 236, charging adapter (230 V Europlug - EN 50075), aluminium frame case, calibration certificate & manual.



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Accessories



300x300 hood
Part.No. 762330



330x330 hood
Part.No. 459096



Technical Data

Measurement range

Air flow: 1...65 l/s, 3.6...234 m³/h, 2.1...137 cfm
 Temperature: 0...50 °C, 32...122 °F
 Barometer: 600...1200 hPa, 18...35 inHg

Measurement uncertainty

Air flow: ±3.5% read value (at 20...25°C)
 min ±1 l/s, 3.6 m³/h, ±2.1 cfm
 Temperature: ±1°C, ±2°F
 Barometer: ±3.5 hPa, ±0.1 inHg

Measuring method according to EN 16211:215 ST 31 and ET 21.

At 95% coverage probability in non condensing, non moist air, <80%RH, non aggressive gases.
 Measurements corrections based in the calibration protocol are not needed to obtain the above stated uncertainty.

General

Shaft length: 45...80 cm (adjustable)
 Measurement opening: 190 x 200 mm (inner)
 Height: 330 mm
 Weight: 1.5 kg
 Power supply: Rechargeable Li-Ion battery
 Battery life: <9 hours continuous measurement
 Charging time: <2 hours with included adapter, with usb-adapter (mini-usb) 5V and minimum 0,5A output it takes longer.

Measuring principle

Net of hot wires



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