

ENERGY AND COMFORT

Ventilation Test Instruments



Model 8371

Features and Benefits

- Variable time constant modes minimize display variations when measuring fluctuating flows
- K factor function enables flexibility for measuring a variety of diffusers
- Variety of hood sizes lets you take readings from most diffusers, registers or grilles
- Back-lit display is easy to read in poor lighting conditions

AccuBALANCE® Air Capture Hood

Model 8371

TSI's AccuBALANCE® Air Capture Hoods measure air volume flowing through registers, diffusers and grilles. Weighing just seven and a half pounds, these air capture hoods are easy to carry, lift and use. Simply hold the AccuBALANCE up to a diffuser or grille and read direct supply or exhaust airflow on the large digital display.



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Specifications

AccuBALANCE Model 8371 Air Capture Hoods

Flow Range

30 to 2,000 cfm (15 to 1,000 l/s, 50 to 3,500 m³/hr)

Accuracy

±5% reading and ±5 cfm (±2.4 l/s, ±8.5 m³/hr)

Operating Temperature

32 to 140°F (0 to 60°C)

Weight

7.5 lbs (3.4 kg)[†]

Power

4 C-size batteries (4 alkaline batteries provided)

Battery Life

40 hours continuous use

Carrying Case

26 in. × 26 in. × 7 in. (660 mm × 660 mm × 180 mm)

Hood Sizes Available

| | |
|----------|-------------------------------------|
| Standard | 24 in. × 24 in. (610 mm × 610 mm) |
| Optional | 24 in. × 48 in. (610 mm × 1,220 mm) |
| | 12 in. × 48 in. (305 mm × 1,220 mm) |
| | 12 in. × 60 in. (305 mm × 1,525 mm) |
| | 36 in. × 36 in. (915 mm × 915 mm) |

Model 8930 Printer Specifications

Printing Method Thermal serial head system

Printing Speed Approximately 0.8 lines/sec

External Dimensions

5.3 in. × 5.1 in. × 2.5 in.
(135 mm × 130 mm × 64 mm)

Printer Interface 8 bit serial RS-232-C, 1200 baud

| | 8371 |
|------------------------------|------|
| Density correction | • |
| K-factor | • |
| Variable time constant | • |
| Field calibration adjustment | • |
| Printer output | • |
| Back-lit display | • |
| Certificate of Calibration | • |

[†]Using 24 in. × 24 in. (610 mm × 610 mm) hood
Specifications are subject to change without notice.

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