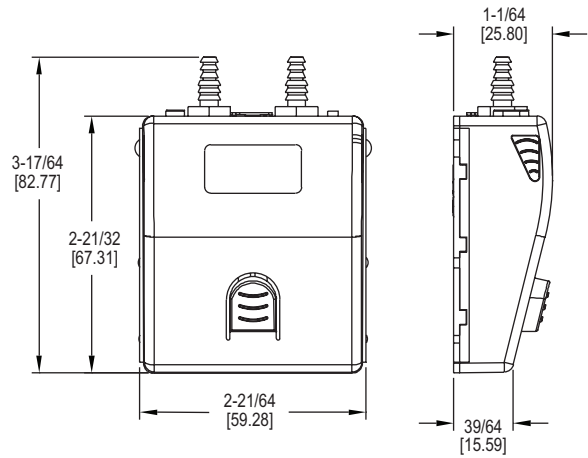


DIFFERENTIAL PRESSURE MODULES

Wireless, Measures Differential Pressure, Air Velocity, and Flow



Series WDPM Wireless Differential Pressure Modules are used with the Model UHH handheld meter and the Mobile Meter® Software Test Instrument Mobile App.

FEATURES/BENEFITS

- Compatible with Dwyer's Mobile Meter App
- Bluetooth Gateway allows for up to 10 probes for simultaneous readings
- Simple single button operation for power and logging
- Wide selections of ranges for optimum accuracy
- Stable 50' (15 m) wireless range

APPLICATIONS

- Building commissioning
- Building HVAC test and balance
- Critical environment testing
- Industrial process verification
- Instrumentation validation

MODEL CHART		
Model	Range	Maximum Pressure
WDPM-002	±2 in w.c. (±500 Pa)	10 psi (68.9 kPa)
WDPM-005	±5 in w.c. (±1250 Pa)	10 psi (68.9 kPa)
WDPM-010	±10 in w.c. (±2.5 kPa)	10 psi (68.9 kPa)
WDPM-020	±20 in w.c. (±5 kPa)	20 psi (137.9 kPa)
WDPM-030	±30 in w.c. (±7.5 kPa)	20 psi (137.9 kPa)
WDPM-100	±100 in w.c. (±25 kPa)	15 psi (103.4 kPa)
WDPM-200	±200 in w.c. (±50 kPa)	45 psi (310.3 kPa)
WDPM-350	±350 in w.c. (±87 kPa)	45 psi (310.3 kPa)

SPECIFICATIONS

Service: Non-corrosive dry gases.
Wetted Materials: Consult factory.
Accuracy: ±0.5% FS span @ 25°C (includes non linearity, hysteresis, and non repeatability).
Pressure Limits: See model chart.
Engineering Units: Pressure: in w.c., ft w.c., in Hg, psi, OzSI, mm w.c., cm w.c., mBar, Pa, hPa, and kPa; Velocity: fpm, mph, kn, m/s, m/h, k/h, and fps; Flow: cfm, gpm, gph, gpd, m³/s, m³/h, lps, lpm, and lph.
Temperature Limits: Compensated: 32 to 140°F (0 to 60°C); Process/ambient: 14 to 140°F (-10 to 60°C).
Thermal Effects: ±0.01% FS/°F (±0.02% FS/°C).
Battery Charging Limits: 32 to 113°F (0 to 45°C).
Power Requirements: 3.7 V YT562447 lithium ion battery, installed functionally, user replaceable.
Wireless Distance: At least 50' (15 m).
Connections: Two barbed connections for use with 1/8" (3.18 mm) or 3/16" (4.76 mm) ID tubing.
Weight: 2.5 oz (70.87 g).
Agency Approvals: CE with CE approved charger, FCC.

ACCESSORIES

Model	Description
A-WDPM-BRK	Differential pressure mounting bracket

SERIES UHH-ACC

HANDHELD ACCESSORIES



UHH-C1
Soft Carrying Case
(19" x 6" x 3")



KF-CC-304
Dual USB Charger



A-VPX-CKIT



UHH-C2
Hard Carrying Case
(24" x 18" x 9')



A-WDPM-BRK
Differential Pressure Mounting Bracket

FEATURES/BENEFITS

- Rugged weatherproof housing withstands 1.5 meter drop test
- Wireless measurement of pressure, air velocity, air flow, temperature, and humidity
- Share logged data directly from handheld over Wi-Fi, GSM or CDMA networks
- Multitude of case options for full field service

APPLICATIONS

- Building commissioning
- Building HVAC test and balance
- Critical environment testing
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- Instrumentation validation

ACCESSORIES

Model	Description
UHH-ICHRG	UHH dual USB charger with international adapters (1.0 A) (Not CE approved)
UHH-CBL	USB cable
UHH-CBL2	USB to micro-USB cable
UHH-C1	Soft carrying case
UHH-SD	2 GB SD card
KF-CC-304	Dual USB CHARGER with North American adapter (1.5 A)
UHH-C2	Heavy duty hard case with pre-cut foam inserts for additional sensors
A-VPX-CKIT	Vane hood kit
A-WDPM-BRK	Differential pressure mounting bracket