



SERIES RSME & RSMC | ROOM STATUS MONITORS



RSME



RSMC, pictured with optional stainless steel bezel

APPLICATIONS

- Hospital isolation rooms
- Pharmaceutical facilities
- Dental offices
- School nurse offices
- Semiconductor manufacturing facilities

KEY FEATURES

- Monitor and display up to 4 parameters
- Monitor up to 3 rooms
- Flush mount into narrow walls with 1.1" (28 mm) mounting depth
- 2-Level password protection
- Easy to clean optional brushed stainless steel bezel
- Condition based color changes
- Audible alarm alerts for fast corrective action
- BACnet MS/TP and Modbus® communications

SPECIFICATIONS

	RSME	RSMC
Measurement Technology	Piezoresistive pressure sensor.	Capacitance cell pressure sensor.
Accuracy	±0.5% RSS or ±1% RSS.	±0.25% RSS or ±0.5% RSS.
Pressure Ranges	0 to 0.5 in w.c. 0 to 1.0 in w.c. 0 to 2.0 in w.c. -0.5 to 0.5 in w.c. -1 to 1 in w.c. -2 to 2 in w.c.	0 to 0.25 in w.c. 0 to 0.5 in w.c. 0 to 1 in w.c. -0.25 to 0.25 in w.c. -0.5 to 0.5 in w.c. -1 to 1 in w.c.
Display	4.3" (10.9 cm) color TFT LCD, dimmable; 480 x 272 resolution.	
Inputs	Two (2) user-selectable 4-20 mA, 0-5 VDC, or 0-10 VDC; USB type C used for cloning programming; One (1) digital input for door status.	
Outputs	One (1) digital output (DO) rated 5 A @ 30 VDC; One (1) 4-20 mA or 0-10 V (user selectable) corresponding to internal pressure or retransmission of any input.	
Communications	Modbus® RTU, BACnet MS/TP.	
See full specifications online at www.dwyer-inst.com .		

TOP MODELS

RSME-C-003

Accuracy: ±1.0%
Range: 0 to 0.5 in w.c.

RSME-C-004

Accuracy: ±1.0%
Range: 0 to 1.0 in w.c.

RSMC-A-002

Accuracy: ±0.25%
Range: 0 to 0.25 in w.c.

RSMC-A-013

Accuracy: ±0.25%
Range: -0.25 to 0.25 in w.c.

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ONE MONITOR, ENDLESS POSSIBILITY

Monitor clean rooms and airborne infection isolation rooms with the Series RSME and RSMC room status monitors. The RSME and RSMC seamlessly integrate with Dwyer's BAS sensors to monitor pressure and up to two additional parameters, and they can accept analog, BACnet, or Modbus® communication.

DWYER'S FULLY CONFIGURABLE ROOM STATUS MONITORS



Series RSMC



Series RSME

Simultaneously display pressure and two extra inputs from any of the below devices

PRESSURE

Monitor up to three rooms with one RSME



Series MSX and Series MSX Pro: Configurable and easy to install



Series RPMC and Series RPME: Great stability with local alarm and additional switch outputs

HUMIDITY TRANSMITTERS



Series RHP-E/N and Series RHPLC: Unobtrusive wall mount solutions for RH and temperature



Series RHP: Used to monitor supply, return air humidity, temperature

TEMPERATURE



Series BTT: Various probe lengths and temperature ranges for duct applications



Series BTT-N: Unobtrusive temperature transmitter for wall mount applications

AIR VELOCITY FOR ACH*



Series AVUL and Series AVLV: Field selectable air velocity ranges from 20 to 4000 FPM



Series MSX and Series MSX Pro with a Series 160 pitot tube: Monitors air velocity or volumetric flow rate

ACCESSORIES

Pressure tubing and room pressure pickups



A-220



A-465



A-417A



A-489



A-302F-A



A-204-B



A-204-C



APT



BPS

*Air change per hour

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