The Series RHP-E/N Wall Mount Humidity/Temperature/Dew Point Transmitters are the most versatile room transmitter on the market. The stylish housing is well-ventilated to provide air flow across the sensor to improve measurement accuracy. The humidity and the dew point are measured using a capacitive polymer sensor. The humidity and dew point can have either a current or voltage output, while the optional temperature output can be a current, voltage, RTD or thermistor. For models with current or voltage output, the temperature range is field selectable.

**FEATURES/BENEFITS**
- Field selectable relative humidity or dew point output
- Universal analog outputs
- Integral or service tool LCD display options
- Two housing designs to match North American and European aesthetics

**APPLICATIONS**
- Air economizers
- Room comfort monitoring
- Greenhouse monitoring

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### SPECIFICATIONS
- **Relative Humidity Range:** 0 to 100% RH.
- **Temperature Range:** -40 to 140°F (-60 to 60°C) for thermistor and RTD sensors. -20 to 140°F (-28.9 to 60°C) for solid state band gap temperature sensors.
- **Dew Point Temperature Range:** -20 to 140°F (-28.9 to 60°C) for solid state band gap temperature sensors.
- **Accuracy:** RH: Model RHP-2XXX ±2% 10 to 90% RH @ 25°C; Model RHP-3XXX ±3% 20 to 80% RH @ 25°C; Model RHP-5XXX ±5% 20 to 80% RH @ 25°C; Thermistor temperature sensor: ±0.36°F @ 77°F (±0.2°C @ 25°C); RTD temperature sensor: DIN IEC Class B: ±0.54°F @ 32°F (±0.3°C @ 0°C); Solid state band gap temperature sensor: ±0.9°F @ 77°F (±0.3°C @ 25°C).
- **Hysteresis:** ±1%.
- **Drift:** <1% RH/year.
- **Response Time:** 15 s.
- **Electrical Connections:** Screw terminal block.

### Compact Wall Mount Transmitters for Validation or Certification Purposes
- **Model:** A-449
- **Description:** Remote LCD display allows remote indication of select Dwyer wall mount transmitters for validation or certification purposes.
- **Power:** 0 to 240 VAC/DC to 24 VDC power supply
- **Agency Approvals:** CE.