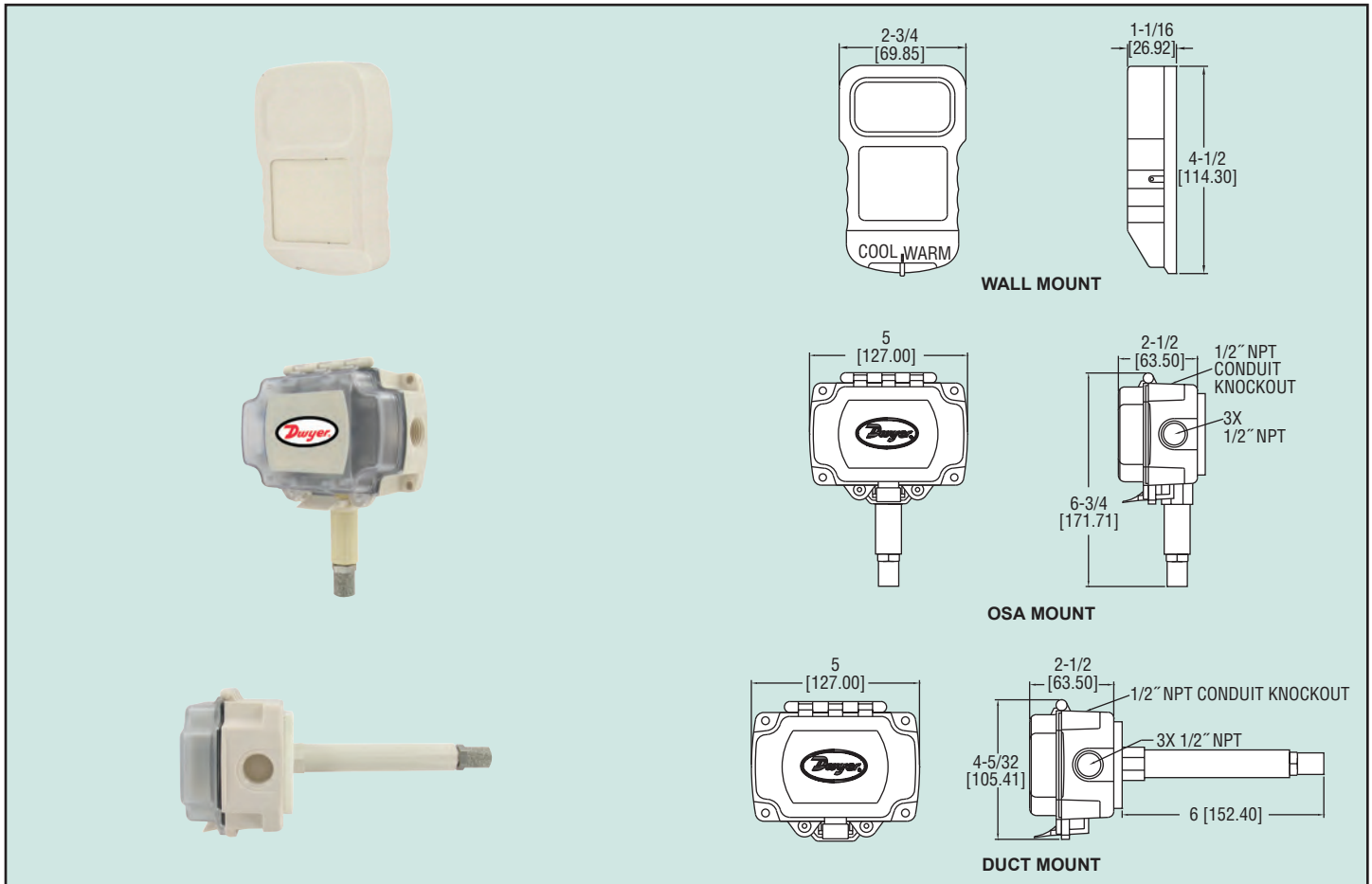# Wireless Humidity/Temperature Sensors

Transmits up to 100 Feet, Battery Operated

✔ RoHS

AIR QUALITY

Humidity/Temperature Transmitters

2-3/4 [69.85]

1-1/16 [26.92]

4-1/2 [114.30]

COOL WARM

WALL MOUNT

5 [127.00]

2-1/2 [63.50]

1/2″ NPT CONDUIT KNOCKOUT

3X 1/2″ NPT

6-3/4 [171.71]

OSA MOUNT

5 [127.00]

2-1/2 [63.50]

1/2″ NPT CONDUIT KNOCKOUT

3X 1/2″ NPT

4-5/32 [105.41]

6 [152.40]

DUCT MOUNT

The Series WHP Wireless Humidity/Temperature Sensors provides flexibility in locating sensors and reduces wiring cost. Using a 418 MHz transmitter, the sensor can transmit data up to 100 feet without the use of a repeater. When coupled with a receiver and output module, the Series WHP can output voltage, current or resistance values for humidity and temperature. Since the unit is battery powered, users can change the location of the sensor by a couple of feet or to a different wall without worry about extra labor cost. With the transmit rate at approximately one reading every 10 seconds, the battery is estimated to last 5 to 8 years.

The duct mount and outside air mount sensors come standard with sintered filters to protect the sensor from particulates. Set point adjustment and/or manual override buttons are available on wall mount sensors.

Wireless products are intended for use in U.S. territories, Canada and Mexico only.

Model	Mounting Configuration	Set Point Adjustment	Manual Override
WHP-D05	Duct	No	No
WHP-OSA	OSA	No	No
WHP-W00	Wall	No	No
WHP-W10	Wall	Yes	No
WHP-W01	Wall	No	Yes
WHP-W11	Wall	Yes	Yes

SPECIFICATIONS

Relative Humidity Range: 0 to 100%.

Temperature Range: -40 to 185°F (-40 to 85°C).

Accuracy: ±0.3°C, ±2% RH.

Temperature Limits: Ambient: 32 to 140°F (0 to 60°C).

Power Requirements: (2) 3.6 V ER14505AA lithium ion batteries, included, user replaceable.

Battery Life: 5-8 years (approximately).

Transmitter Interval Rate: Approximately 10-15 seconds.

Housing Material: ABS plastic.

Enclosure Rating: UL 94 V-0.

Antenna: 418 MHz - Built inside enclosure.

Weight: Dust/OSA: 1.25 lb (567 g); Wall: 0.25 lb (113 g).

FCC Approval: FCC ID# T4F061213RSO.

Agency Approvals: RoHS.

ACCESSORIES

WM-4SS, DIN Rail Mount Receiver

WM-PSS, DIN Rail Mount Repeater with Standard Antenna

WM-CSH-5I, DIN Rail Mount 4 to 20 mA Humidity Output Module

WM-CSF-4A, DIN Rail Mount 4 to 20 mA Temperature Output Module Range 50 to 90°F

WM-VSH-1I, DIN Rail Mount 0 to 10 VDC Humidity Output Module

WM-VSF-1A, DIN Rail Mount 0 to 10 VDC Temperature Output Module Range 50 to 90°F

WM-SSV-07, DIN Rail Mount 0 to 10 VDC Set Point Output Module

WM-RSO, DIN Rail Mount Normally Open Override Output Module

WM-RSC, DIN Rail Mount Normally Closed Override Output Module