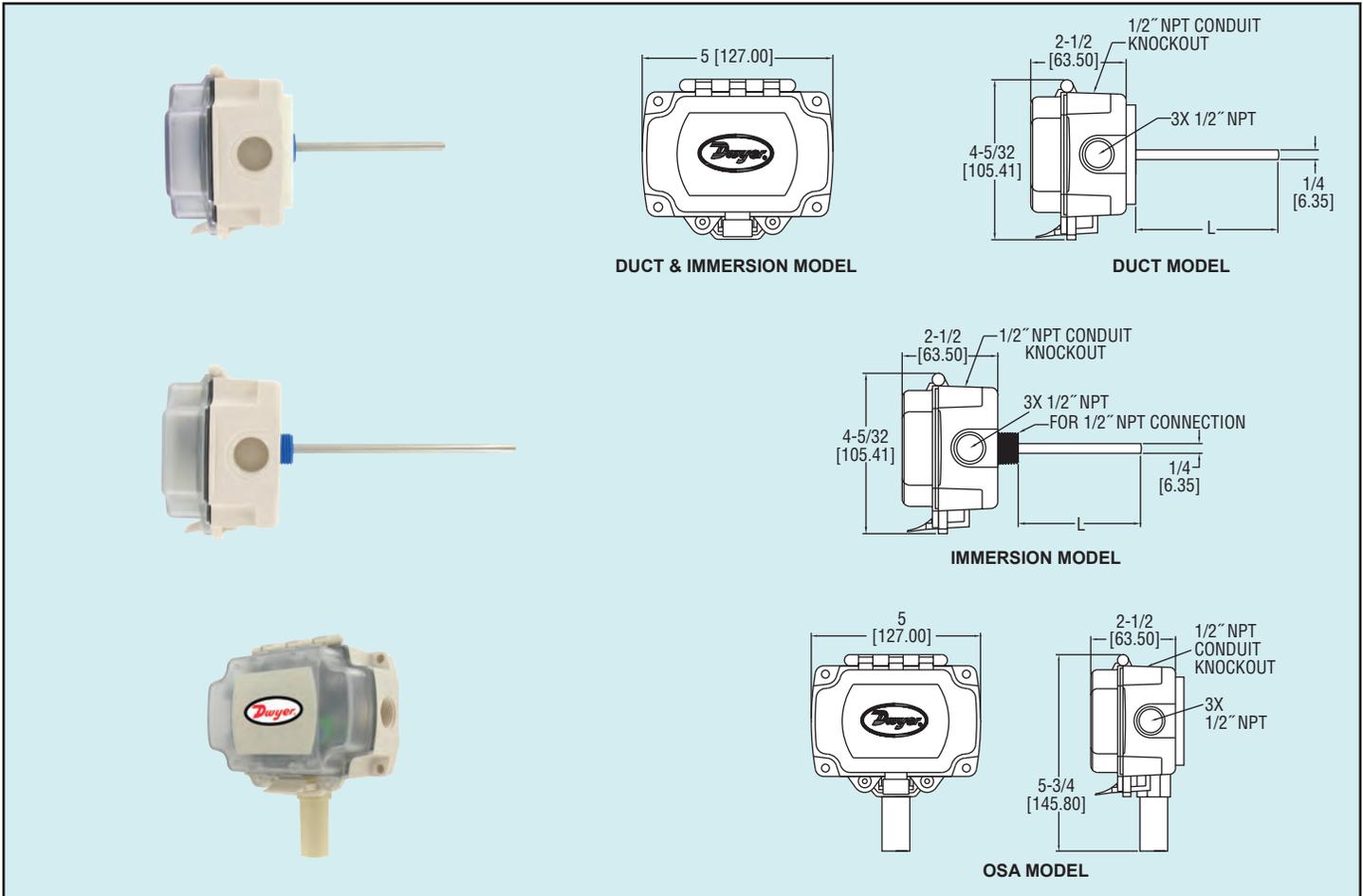




Series
WTP

Wireless Temperature Sensors

Transmits up to 100 Feet, NEMA 4X Enclosure



TEMPERATURE

Temperature Sensors

The Series WTP Wireless Temperature Sensors can be quickly installed on chilled water lines, air ducts or outside a building without having to run additional wiring. By sampling the temperature measurement every 10 seconds, the 3.6 V lithium battery is able to power the unit for up to 8 years.

A reliable 418 MHz signal can carry the measurements up to 100 feet without a repeater. With the optional 900 MHz repeater, measurements can be transmitted up to 1000 feet away.

Model	Mounting Configuration	Insertion Length
WTP-OSA	OSA	N/A
WTP-D04	Duct	4"
WTP-D08	Duct	8"
WTP-D12	Duct	12"
WTP-D18	Duct	18"
WTP-I02	Immersion	2"
WTP-I04	Immersion	4"
WTP-I08	Immersion	8"

SPECIFICATIONS

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

Accuracy: ±0.3°C.

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

Humidity Limits: 5 to 95% RH non-condensing.

Power Requirements: (2) 3.6 V ER14505 AA lithium metal batteries, included, user replaceable.

Transmitter Interval: Approximately 10 s.

Housing Material: ABS plastic.

Enclosure Rating: UL 94 V-0, NEMA 4X (IP66).

Antenna: 418 MHz - Built inside enclosure.

Weight: Duct/OSA: 1.25 lb (566 g); Immersion: 0.8 lb (363 g).

FCC Approval: FCC ID# T4F06811RH.

Agency Approvals: RoHS.

ACCESSORIES (see complete list on page 135)

WM-4SS, 418 MHz Receiver

WM-PSS, 418 MHz Repeater with Standard Antenna

WM-CSF-4G, 4 to 20 mA Temperature Output Module Range 32 to 185°F

WM-VSF-1G, 0 to 10 VDC Temperature Output Module Range 32 to 185°F

WM-TS2, 10K Ω Type 2 Thermistor Output Module

WM-TS3, 10K Ω Type 3 Thermistor Output Module