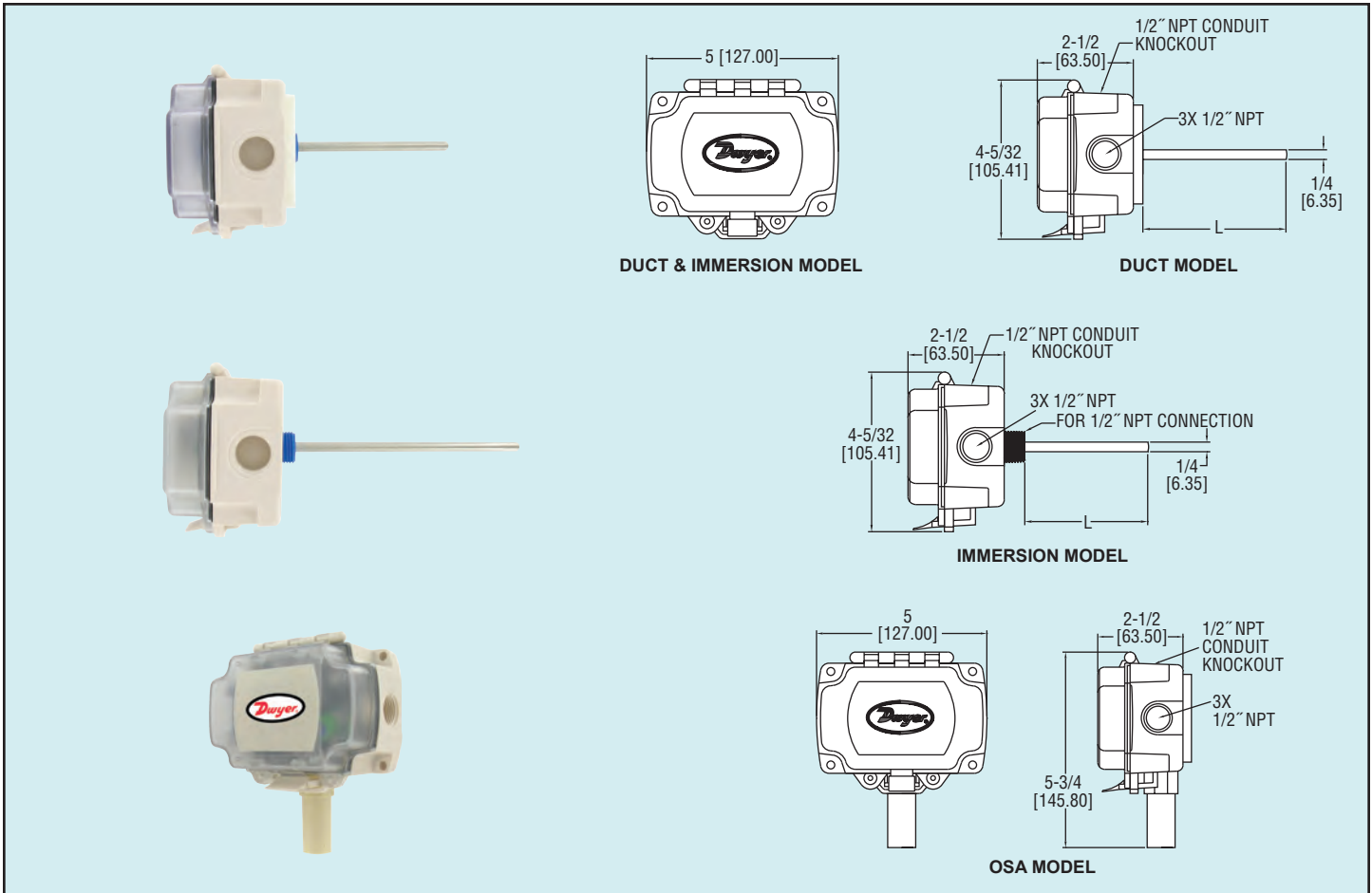




Series  
WTP

# Wireless Temperature Sensors

Transmits up to 100 Feet, NEMA 4X Enclosure



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