



Specifications

SMART SERVICE TOOL KIT

Wireless Temperature and Pressure Sensors



SPECIFICATIONS

GENERAL	
Connectivity	Bluetooth v4.0 (Bluetooth Low Energy / Bluetooth Smart)
Compatibility	iPhone 4S and newer / iPod Touch / iPad 3 and newer (Air and Mini)
Standards	FCC / IC / CE
SMART ServiceTool Kit Dimensions	9.6" x 8.1" x 4.6"
SMART ServiceTool Kit Weight	3.5 lbs.
TEMPERATURE	
Sensor Type	NTC Thermistor
Accuracy	± 0.75% full scale
Resolution	0.1 °F / °C
Temperature Range	
Operating	0°F to 140°F (-18°C to 60°C)
Line/Surface	-20°F to 250°F (-29°C to 121°C)
Storage (w/o Battery)	-40°F to 160°F (-40°C to 71°C)
Ingress Protection Rating	IP 65 / Dust tight and tolerant to some water jetting
Material	
Body/Battery Cap	UV Resistant Plastic
Line Sizes	1/4" through 1- 1/2" OD
Power Supply	Single, CR2450 - Replacement Battery
LOW PRESSURE SENSOR	
Connection Size	1/8" NPT - Male
Accuracy	± 0.75% full scale
Resolution	0.1 °F/°C
Temperature Range	
Operating	0°F to 140°F (-18°C to 60°C)
Storage (w/o Battery)	-40°F to 160°F (-40°C to 71°C)
Pressure Range	-14.7 psig to 300 psig (-1.01 bar to 20.7 bar)
Proof Pressure	500 psig (34.5 bar)
Ingress Protection Rating	IP65 / Dust tight and tolerant to some water jetting
Material	
Wetted Surface	Stainless Steel
Body/Battery Cap	UV Resistant Plastic
Power Supply	Single, CR2450 - Replacement Battery

HIGH PRESSURE SENSOR	
Connection	1/8" NPT - Male
Accuracy	± 0.75% full scale
Resolution	0.1 °F / °C
Temperature Range	
Operating	0°F to 140°F (-18°C to 60°C)
Storage (w/o Battery)	-40°F to 160°F (-40°C to 71°C)
Pressure Range	0 psig to 700 psig (0 bar to 48.3 bar)
Proof Pressure	1,000 psig (69.0 bar)
Ingress Protection Rating	IP65 / Dust tight and tolerant to some water jetting
Material	
Wetted Surface	Stainless Steel
Body/Battery Cap	UV Resistant Plastic
Power Supply	Single, CR2450 - Replacement Battery
APP	
Overview	The SMART Service App is a Native App; the App is installed and ran directly onto the smart device. Internet access is not required to run the App.
Bluetooth Low Energy Connection	Available Auto Connect Feature
Units of Measure	Pressure: psig or bar / Temperature: °F or °C
General	Offsets available for both Pressure and Temperature Mock Sensors available for both Pressure and Temperature Delta Subtitles available for both Pressure and Temperature Ability to Record Data to .csv file Over 65 refrigerants

WARNING – USER RESPONSIBILITY

Failure or improper selection or improper use of the products described herein or related items can cause death, personal injury and property damage.

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