

Smart Temperature Split Kit HUB2 Smart Refrigerant Charging Kit HUB4 Smart Refrigerant Complete Kit HUB6



# View all indoor and outdoor AC/R system parameters from one location



#### HUB2 Smart Temperature Split Kit

#### Includes

- 2 Wireless Hygrometer Probes (WHP1)
- 4 Batteries (AAA)
- Carrying case

#### HUB4 Smart Refrigerant Charging Kit

#### Includes

- 2 Wireless Pressure Probes (WPP)
- 2 Temperature Pipe Clamps (WPC2)
- 4 Batteries (AA)
- Carrying case

#### HUB6

#### Smart Refrigerant Complete Kit

#### Includes

- 2 Wireless Hygrometer Probes (WHP1)
- 2 Wireless Pressure Probes (WPP1)
- 2 Temperature Pipe Clamps (WPC2)
- 8 Batteries (4x AA, 4x AAA)
- Carrying case

WHP1: Wireless Hygrometer



Magnets secure to plenum putting probe in optimum air stream path.

#### WPP1: Wireless Pressure Probe



Pass thru port hook up, no hoses or adapters needed.



Narrow head for tight spaces with easy opening spring design.



Requires Compatible Mobile Device and Free App "**UEi HUB**"

#### HUB2 Smart Temperature Split Kit

#### HUB4 Smart Refrigerant Charging Kit



#### **Features**

- In App temperature split and psychrometric calculations
- 2 Wireless Hygrometer Probes (WHP1)
- Slimmest 1/4" hygrometer probe means smaller drill holes
- Wireless distance of 150ft (50m) pending environment
- Magnetic mount holds WHP1 onto the plenum for hands-free operation
- Temp range: 32° to 140°F (0° to 60°C), accuracy ±0.5°F (± 0.3 °C)
- Relative Humidity: 0 to 100% (0.1% resolution, ±3% accuracy from 20 to 80% ±5% otherwise).
- Requires FREE App "UEI HUB"
- iOS<sup>®</sup> and Android<sup>™</sup> compatible App

#### Features

- In App system refrigerant charging calculations.
- 2 Wireless Pressure Probes (WPP1)
  - Pass through refrigerant ports for easily adding or recovering refrigerant from the system without disconnecting probes.
  - $180^\circ$  rotation for easy use in tight spaces.
  - Range 0 to 725 psig, Resolution 0.1 psi.
  - Accuracy 0.5%FS, total 1%FS for 32° to 158°F (0° to 70°C).
- 2 Temperature Pipe Clamps (WPC2)
  - High accuracy thermistor drifts less than thermocouples and doesn't require field calibration.
  - Range 32°F to 176°F (0°C to 80°C), Resolution 0.1°F.
  - Response time < 30 sec. Accuracy  $\pm 0.6^{\circ}F$  ( $\pm 0.3^{\circ}C$ ).
- Wireless distance of 150ft (50m) pending environment.
- Requires FREE App "UEI HUB".
- iOS<sup>®</sup> and Android<sup>™</sup> compatible App

#### HUB6 Smart Refrigerant Complete Kit



#### **Features**

- In App system refrigerant charging calculations.
- In App temperature split and psychrometric calculations.
- 2 Wireless Pressure Probes (WPP1)
  - Pass through refrigerant ports for easily adding or recovering refrigerant from the system without disconnecting probes.
  - $180^\circ$  rotation for easy use in tight spaces.
  - Range 0 to 725 psig, Resolution 0.1 psi.
  - Accuracy 0.5%FS, total 1%FS for 32° to 158°F (0° to 70°C).
- 2 Temperature Pipe Clamps (WPC2)
  - High accuracy thermistor provides better results than thermocouples and doesn't require field calibration.
  - Range 32°F to 176°F (0°C to 80°C), Resolution 0.1°F.
    Response time < 30 sec. Accuracy ±0.6°F (±0.3°C).</li>
- 2 Wireless Hygrometer Probes (WHP1)
  - Slimmest 1/4" hygrometer probe means smaller drill holes.
  - Magnetic mount holds WHP1 to plenum for hands-free operation.
  - Temp range: 32° to 140°F (0 to 60°C), Accuracy: ±0.5°F (±0.3°C).
  - Relative Humidity: 0 to 100% (0.1% resolution, ±3% accuracy from 20 to 80% ±5% otherwise).
- Wireless distance of 150ft (50m) pending environment.
- Requires FREE App "UEI HUB".
- iOS<sup>®</sup> and Android<sup>™</sup> compatible App

### UEi HUB

Free App "UEi HUB" for mobile device



#### UEi HUB's Dynamic display & Interface

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Refrigerant Side Air Side	Refrigerant Side Air Side	Refrigerant Side Air Side
118.0 Psic Line Pressure 39.8°F Source 52.4°F Soluration Line Temp	14.7°F	17.2°F 14.7°F Target Delta T Delta T
12.6°F Superheat R410A	17.2°F Target Delta T +	Return 54.9% 62.3°F 32.33 <sup>b1</sup> Relative Humidity Dev Point Entholog Bizepiy
15.4°F	79.9°F	43.4% 42.4°F 21.89 <sup>bt</sup> Relative Humidity Dew Point Enthology
350.0 Psia Line Pressore 106.7°F 91.3°F Linald Line Temp	Return Dry Bulb 68.1°F Return Wet Bulb 52.9°F Supply Wet Bulb	79.9°F     65.2°F       Return Dry Bulb     Supply Dry Bulb       68.1°F     52.9°F       Return Wet Bulb     Supply Wet Bulb
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Refrigerant Side measurement and calculations. Air Side displays return & supply measurements.

Air Side allows users to view additional calculations.





Units			
Pressure	<b>PSI</b> bar		
Temperature	°F		
Enthalpy	btu/lb		
Units	ft		
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Select from 108 refrigerants and save most used types. Select and assign where probes are used on system.

# Customize the units of measurements and elevation.

## APP Compatibility

iOS<sup>®</sup> 8.0 and newer iPhone<sup>™</sup> 4S and newer. Android<sup>™</sup> v4.3 and newer.



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#### **Applications**



#### **Downloads**









**Data Sheet** 









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