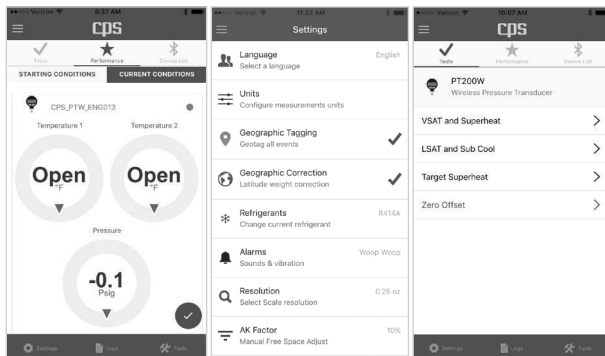


## USE PT200W WITH CPS Link™ APP

1. To greatly expand the capability of your gauge, pair it with a mobile device.
2. Follow the Quick Start Gauge Setup Steps 1-2 above.
3. Scan QR code on the front of this guide, or download the free CPS Link™ app from the App Store (iOS) devices or Google Play (Android devices).
4. From MAIN MENU:
  - a. Choose SETTINGS to select the Language, Units, Refrigerants and any other settings you wish to activate.
  - b. Choose TOOLS to set up Client, Jobs and Tank Tracker™ information.
5. You are now ready to work.
6. Manual OFF: From MAIN MENU, select Exit.  
Auto OFF: 10 Minutes = Default (if no key pressed, no wireless connection, gauge not data logging).



Current Conditions Screen

Settings Screen

Test Screen

## SPECIFICATIONS

Operating Pressure Range	-14.5 PSIG to 750 PSIG
Pressure Reading Accuracy	1% of reading +/- 0.1 PSIG (0.01 bar)
Maximum Pressure	750 PSIG MWP, 3000 PSIG Burst
Operating Temperature Range	23°F to 149°F (-5°C to 65°C)
Temperature Reading Accuracy	+/- 0.36°F (+/- 0.2°C)
SH, SC And Saturation Temperature accuracy	+/- 0.5°F (+/- 0.3°C)
tH & tL Thermistor Temperature Range	-40°F to 302°F (-40°C to 150°C)
Clamp	Opening: 1-1/8" (28.5mm) Cord Length: 6ft (1.82m)
Storage Temperature Range	-40 to 185°F (-40°C to 85°C)
Operating and Storage Humidity	0-95%, Non-condensing
Wireless Range*	Power: High = Up to 250 ft. (76 m); Normal = Up to 175 ft. (53 m); Low = Up to 100 ft. (30 m)
Power Source	One 9 volt alkaline battery (ANSI 1604AC – IEC 6LR61)
Battery Life	Up to 40 hours continuous use.
Auto-Off*	10 minutes = default if no key pressed, no wireless connection, gauge not logging data.
Mechanical Connection	Standard 1/4" female SAE refrigerant hose type (stainless steel) with core depressor
Warranty	1 year
Gauge To Wireless Device Connection	Patented Wireless CPS Link™ Technology (US Patent No. 9,043,161)

\*Wireless range and auto-off settings can be configured only on the app.

## ADDITIONAL INFORMATION

For the latest product updates: visit [www.cpsproducts.com](http://www.cpsproducts.com)

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## Wireless Pressure Temperature Gauge And Mobile App Quick Start Guide



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TO BE OPERATED BY QUALIFIED PERSONNEL ONLY

## OVERVIEW

The PT200W is a compact, portable instrument for accurately measuring and calculating HVAC/R data such as pressure, SuperHeat, SubCool, and temperature differential (tH-tL) that are critical to properly servicing HVAC/R equipment. Use the PT200W as a stand-alone gauge or pair it with a mobile device to set up, store or e mail client and job lists, jobsite data, invoices and other convenient, time saving features. To learn more, visit [www.cpsproducts.com](http://www.cpsproducts.com)

## GAUGE LAYOUT & INCLUDED ACCESSORIES



## GAUGE ACCESSORIES (CONT'D)



Thermistor Clamp  
(#MDTCLMP-A1)



Canvas Storage Case (#50-128)

## USE PT200W AS STAND-ALONE GAUGE (NO APP)

- 1. Install 9V Battery- In back of PT200W.**
- 2. Power ON**
  - Press and hold Power/Menu key until display turns on.
- 3. Menu Choices- Press Power/Menu key again to select:**
  - Pr** : Pressure port readings
  - tL** : Temperature Low Side = Vapor (BLUE)
  - tH** : Temperature High Side = Liquid (RED)
  - tH-tL** : Temperature differential (Must have 2 thermistor clamps connected)
  - VSAT** : Vapor Saturation Temperature (Must have clamp connected to BLUE jack)
  - SH** : SuperHeat Temperature (Must have clamp connected to BLUE jack)
  - LSAT** : Liquid Saturation Temperature (Must have clamp connected to RED jack)
  - SC** : SubCool Temperature (Must have clamp connected to RED jack)
  - ref** : Refrigerant Type

**Note: Some menu items will not display if the thermistor clamp is not connected.**

- 4. Select Pressure (& Zero The Pressure Reading)**
  - Press Power/Menu key until "Pr" appears on display
  - Press Settings/Select key to select (1 of 4) Pressure Units.
  - "Zero" The Pressure Reading - Press and hold Settings/Select key to zero the reading before each new session and before connecting to a system.

## USE PT200W AS STAND-ALONE GAUGE (NO APP CONT'D)

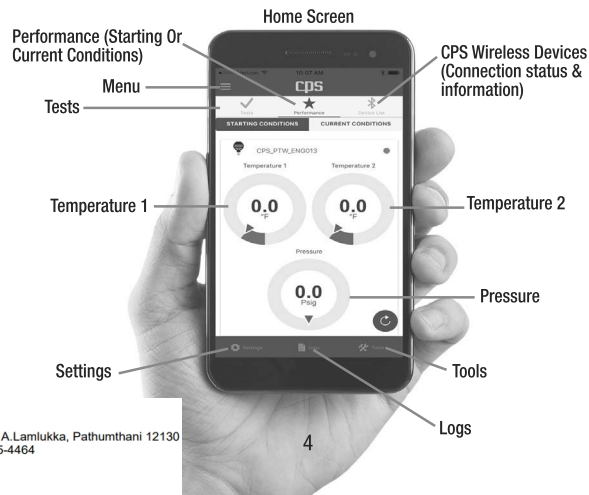
- 5. Select Refrigerant**
  - Press Power/Menu key until "ref" appears on display. Current selection is displayed in upper right.
  - Press Settings/Select key until desired refrigerant is displayed.
  - Press Power/Menu to set new refrigerant.

**CAUTION: Always wear hand and eye protection when handling connections to HVAC/R systems under pressure.**

- 6. SuperHeat (& Temperature Units)**
  - Press Power/Menu key until "tL" (temperature Low) appears.
  - Select Temperature Units- Press Settings/Select key and choose °F or °C
  - Plug CPS Thermistor Clamp positive END into BLUE jack (Low Side).
  - Attach CPS Clamp to SUCTION LINE near suction gauge port.
- 7. SubCool (& Temperature Units)**
  - Press Power/Menu key until "tH" (temperature High) appears.
  - Select Temperature Units- Press Settings/Select key and choose °F or °C
  - Plug CPS Thermistor Clamp positive END into RED jack (High Side).
  - Attach CPS Clamp to LIQUID LINE near liquid gauge port.
- 8. Attach PT200W To Your System.**
  - Hand tighten stainless fitting (DO NOT USE TOOLS).

### 9. Read values on display.

- 10. Manual Off:**
  - Press and hold the Menu/Power key until display turns off.



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