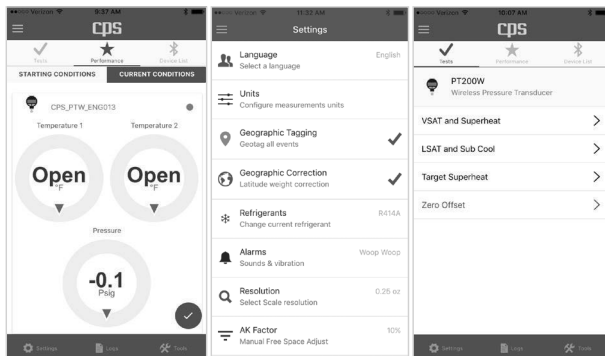


USE PT200W WITH CPS Link™ APP

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

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PT200W

Wireless Pressure Temperature Gauge And Mobile App Quick Start Guide



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Patented **CPS Link™** Wireless Technology

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FC CE ICES-003

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

GAUGE LAYOUT & INCLUDED ACCESSORIES



2

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**
 - a. Press and hold Power/Menu key until display turns on.
3. **Menu Choices- Press Power/Menu key again to select:**
 - a. **Pr** : Pressure port readings
 - b. **tL** : Temperature Low Side = Vapor (BLUE)
 - c. **tH** : Temperature High Side = Liquid (RED)
 - d. **tH-tL** : Temperature differential (Must have 2 thermistor clamps connected)
 - e. **VSAT** : Vapor Saturation Temperature (Must have clamp connected to BLUE jack)
 - f. **SH** : SuperHeat Temperature (Must have clamp connected to BLUE jack)
 - g. **LSAT** : Liquid Saturation Temperature (Must have clamp connected to RED jack)
 - h. **SC** : SubCool Temperature (Must have clamp connected to RED jack)
 - i. **REF** : Refrigerant Type

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

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

3

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

5. Select Refrigerant

- a. Press Power/Menu key until "ref" appears on display. Current selection is displayed in upper right.
- b. Press Settings/Select key until desired refrigerant is displayed.
- c. 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)

- a. Press Power/Menu key until "tL" (temperature Low) appears.
- b. Select Temperature Units- Press Settings/Select key and choose °F or °C
- c. Plug CPS Thermistor Clamp positive END into BLUE jack (Low Side).
- d. Attach CPS Clamp to SUCTION LINE near suction gauge port.

7. SubCool (& Temperature Units)

- a. Press Power/Menu key until "tH" (temperature High) appears.
- b. Select Temperature Units- Press Settings/Select key and choose °F or °C
- c. Plug CPS Thermistor Clamp positive END into RED jack (High Side).
- d. Attach CPS Clamp to LIQUID LINE near liquid gauge port.

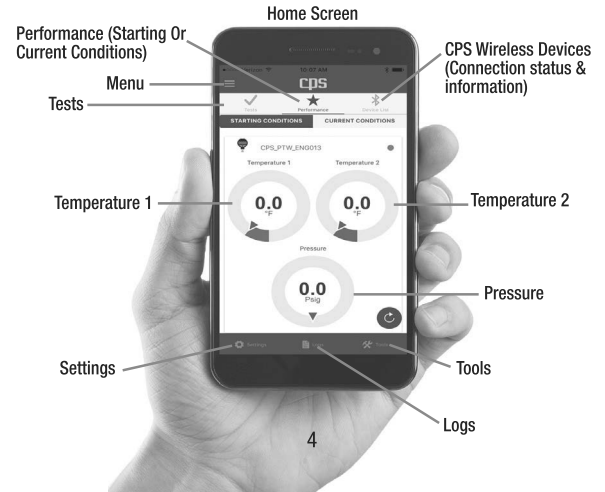
8. Attach PT200W To Your System.

- a. 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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