YELLOW JACKET®

TITANMAX™
DIGITAL MANIFOLD

Quick Start Guide

For additional information regarding the TITANMAX™ and the YJACK VIEW® app operation, please see the User Manual at www.yellowjacket.com or scan QR code.

Also available on measureQuick® app.

WARNING:
Contains Magnet(s)

1.

Power the unit on by pressing the power button once.

Select the desired mode of operation from the menu.

2.

Plug the low side temperature probe into T1 on the lower left side of the device.

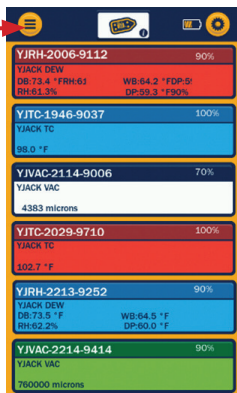Plug the high side temperature probe into T2 on the lower right side of the device.

3.

MAIN MENU

Shows YJACK® tools to connect — **Available Devices**
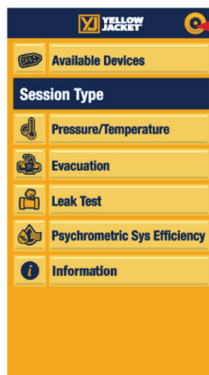
Digital manifold readings — **Pressure/Temperature**

Vacuum system testing — **Evacuation**

Pressure system testing — **Leak Test**

System efficiency calculations — **Psychrometric Sys Efficiency**

Information — **Information**

4.

The main menu can be accessed by tapping the menu icon on the upper left corner in any session.

YJRH-2006-9112   90%
YJACK DEW
DB:73.4 °FRH:61   WB:64.2 °FDP:5!
RH:61.3%   DP:59.3 °F90%

YJTC-1946-9037   100%
YJACK TC
98.0 °F

YJVAC-2114-9006   70%
YJACK VAC
4383 microns

YJTC-2029-9710   100%
YJACK TC
102.7 °F

YJRH-2213-9252   90%
YJACK DEW
DB:73.5 °F   WB:64.5 °F
RH:62.2%   DP:60.0 °F

YJVAC-2214-9414   90%
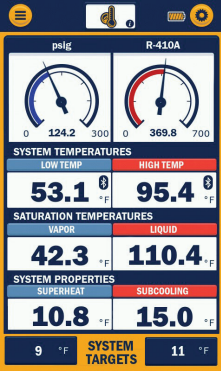YJACK VAC
760000 microns

5.

Settings for: Refrigerant, units, zero pressure sensors, device settings and logs can be accessed by tapping the settings icon in the upper right corner.

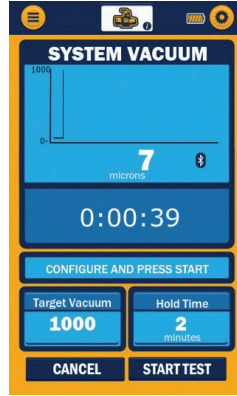## 6. Pressure/Temperature session displays system pressure, temperature, system superheat and subcooling.

TYPE
- ○ GAUGE
- ● GRAPH
- ● NUMBER

CANCEL SAVE

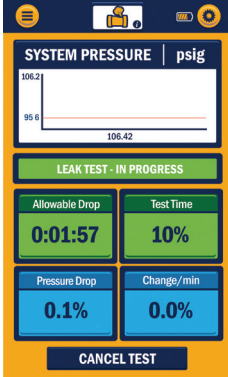Tapping the center of either gauge or graph lets you change to gauge, graph or number.
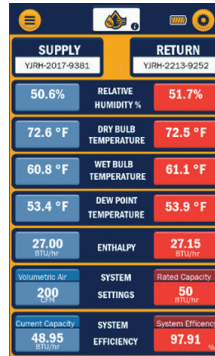
7.

Evacuation session displays vacuum readings as measured by a YJ auxiliary vacuum sensor. Plug the vacuum sensor into the top right port on the side of the device or connect YJACK VAC® device.

8.

Leak Test session displays pressure change in the system during a standing pressure test. Allowable Drop is percentage the current system pressure is allowed to drop before the test is deemed a failure. Set the allowable drop percentage.
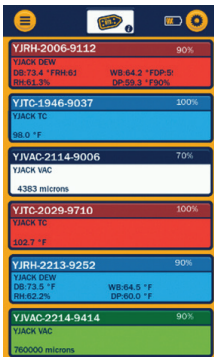
9.

Psychrometric session displays system data based on YJACK DEW® information. Data is manually entered for actual air flow (by tapping the Volumetric Air box), rated capacity. Current capacity is calculated and compared to give a system efficiency.
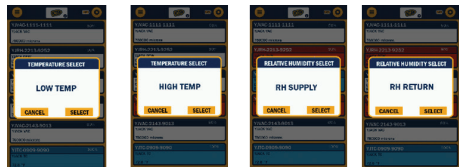
10.

Available Devices displays Available devices to provide data for the sessions the TITANMAX™ connects with the YJACK DEW®, YJACK VAC® and YJACK® Temperature devices. Data is also logged from these devices in the data logging session.

11.

Set low temp and supply devices, high temp and return devices come up once low temp and supply is determined.

12.

SETTINGS

- **CHANGE REFRIGERANT** — Select refrigerant
- R-404A
- PSIG / Microns / °F (PRESSURE / VACUUM / TEMPERATURE) — Change units
- **ZERO PRESSURE SENSORS** — Zero built in sensors
- **DEVICE SETTINGS** — Adjust screen settings
- **LOGS** — Data Logs
- Serial: —
  Firmware: —
  Radio: — — Languages

13.

FAVORITES
- ★ R-11
- ★ R-12
- ★ R-13

PAGE 1 OF 5 — Page to find desired refrigerant

Select up to 3 for easy activation

- ☆ R-21
- ☆ R-22
- ☆ R-23
- ☆ R-32
- ☆ R-41
- ☆ R-113

SAVE

- White Dot indicates active
- Click dot to activate
- Add to FAVORITES list

14.

MEASUREMENT UNITS

bar	kPa
psia	MPa
psig	kg/cm²

Pressure

Micron	mbar
torr	mmHg
kPa	Pa

Vacuum

°F	°C

Temperature

BTU/hr	Watts

Energy

CFM	m³/hr

Airflow

CANCEL   **SAVE**

15.

BRIGHTNESS (%)
80%

— Screen brightness
Slide to adjust brightness

BACKLIGHT TIMER
⊖ 60s ⊕

— Screen back light time without screen interaction
Press '+' or '-' to adjust timer

AUTO OFF
⊖ 15m ⊕

— Time device shuts off after last interaction
Press '+' or '-' to adjust time

Select 'NONE' to disable Auto Off function. Press and Hold power button for 3 seconds to turn off your TITANMAX™.

CANCEL   **SAVE**

16.

LOGGING RATE (seconds)
1   5   15   30   60

— Time between recorded data

- Pressure/temperature ⬤
- Psychrometric System Efficiency ⬤
- Evacuation ⬤
- Leak Test ⬤

— Session to record upon entry (data is only recorded while in the session)

DELETE LOGS — Clear log file on this device to create more memory space

CANCEL   **SAVE**

17. ❄ Bluetooth®

Navigate directly to the **YJACK VIEW®** app to establish the Bluetooth® connection with your TITANMAX™ manifold.

YJACK VIEW® App Apple/App Store

YJACK VIEW® App Android™/Google Play

Firmware Updates

☐ iPhone ☐ iPad

Also available on measureQuick® app.

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