iManifold™
Old School, Meet New Cool.

Quick Start Guide

1) Download iManifold™ App from Apple App Store or Google Play (Phone/Tablet, Android 4.1 or later, iOS 6.1 or later, iPhone 4S & above or iPad 3 & above)

iOS App   -or-   Android App

2) Pair & Connect to iManifold Device

A

Power Button

Bluetooth Pairing Button

Press Power Button, wait for beep and then press Bluetooth Pairing Button.
Note: Blue lights will begin to flash

B

Android Only! Skip to C if iOS

Android Settings

Bluetooth Section

Available iManifold

Go to Settings on your device, find Bluetooth, under the listings find 'iManifold' and tap it.
Note: Android Settings screen may vary

C

Settings Icon

Connection Button

Open iManifold App, tap on Settings Icon, Tap 'Connect to iManifold', wait for device to connect.

D

Real-time Data

iManifold Options

iManifold Battery Indicator

Your iManifold has successfully connected! Further customize your iManifold or begin viewing real-time measurements.
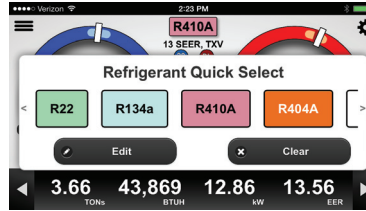
Imperial®
DEPENDABLE UNDER PRESSURE®

www.iManifold.com

Designed and assembled in the USA using domestic and imported parts.
©2014 Stride Tool Inc. All rights reserved.

iManifold™ App Home Screen

Superheat Scale Target superheat (+/- 5°F) depicted in yellow & green center band per ACCA-QI guidelines

App available on Google Play and Apple App Store
Search 'iManifold' or use QR codes on other side

More Info

Target Suction Pressure Appears when system is profiled. Dynamic indicator displays target saturation (+/- 3°F)

Refrigerant Quick Select
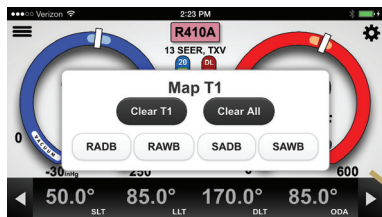
| R22 | R134a | R410A | R404A |

Edit   Clear

3.66 TONs   43,869 BTUH   12.86 kW   13.56 EER

Tap to change refrigerant

Discharge Line Temperature Scale Max 225°F monitor to protect against oil failure

Main Menu Profiling, User Inputs, System Performance

Settings Menu Includes connection button to connect app to iManifold device via Bluetooth

Map T1
Clear T1   Clear All
RADB   RAWB   SADB   SAWB

50.0°   85.0°   170.0°   85.0°
SLT   LLT   DLT   ODA

Touch screen to easily map probes to assigned locations

Vacuum Indicator (not microns)

10:02 AM

R410A
13-16 SEER, TXV

20   DL

118.0 psig
39.2°F

SATURATION

350.0 psig
106.3°F

Target High/Head Pressure Appears when system is profiled. Dynamic indicator displays target saturation (+/- 3°F)

VACUUM   SUPERHEAT   MAX 595   34   SUBCOOLING   MAX 800

10.8°   16.3°

-30inHg   250   0   600

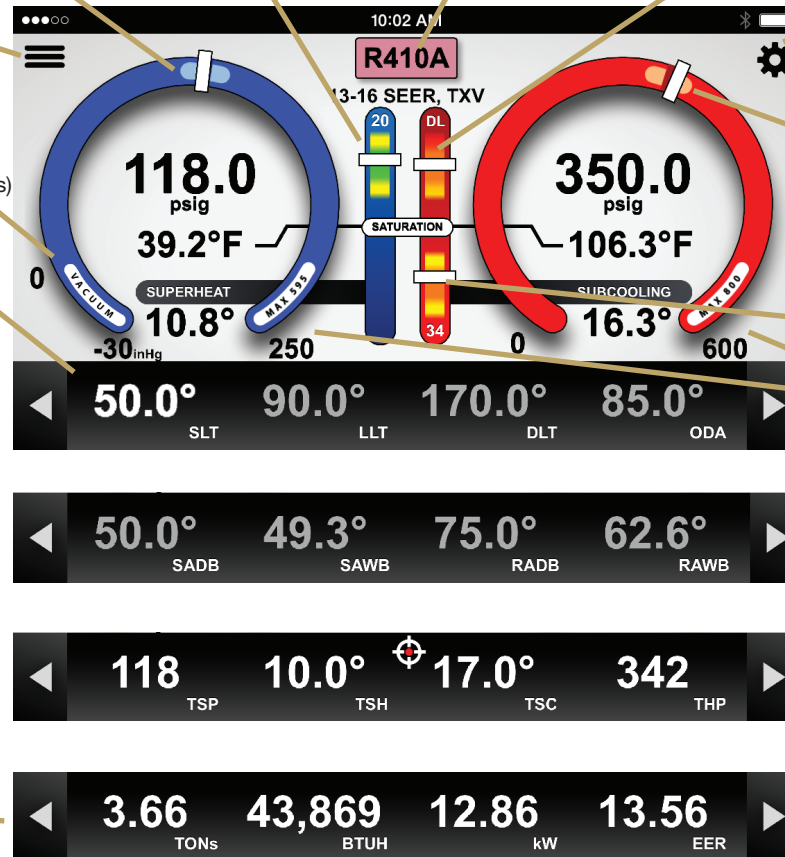**Subcooling Scale** Target subcooling (+/- 3°F) depicted in yellow & orange center band per ACCA-QI guidelines

Temperature Inputs Suction Line Temp, Liquid Line Temp, Discharge Line Temp, Outdoor Air Temp all remappable to wired probes. Values change color when streamed in via Bluetooth & overrides user Input.

50.0°   90.0°   170.0°   85.0°
SLT   LLT   DLT   ODA

Dynamic Range Max scale depending on refrigerant selected. Overload pressures displayed on bands.

Evaporator Temperatures Supply Air Dry Bulb, Supply Air Wet Bulb, Return Air Dry Bulb, Return Air Wet Bulb

50.0°   49.3°   75.0°   62.6°
SADB   SAWB   RADB   RAWB

Calculated Targets Target Suction Pressure, Target Superheat, Target Sub-cooling, Target High Pressure when system is profiled

118   10.0°   17.0°   342
TSP   TSH   TSC   THP

Capacity & Efficiency Cooling tons, BTU/hr, kW, EER shown only when all required user inputs are added

3.66   43,869   12.86   13.56
TONs   BTUH   kW   EER

2014 AHR EXPO® INNOVATION AWARDS WINNER