

This panel becomes the cover after folding is complete



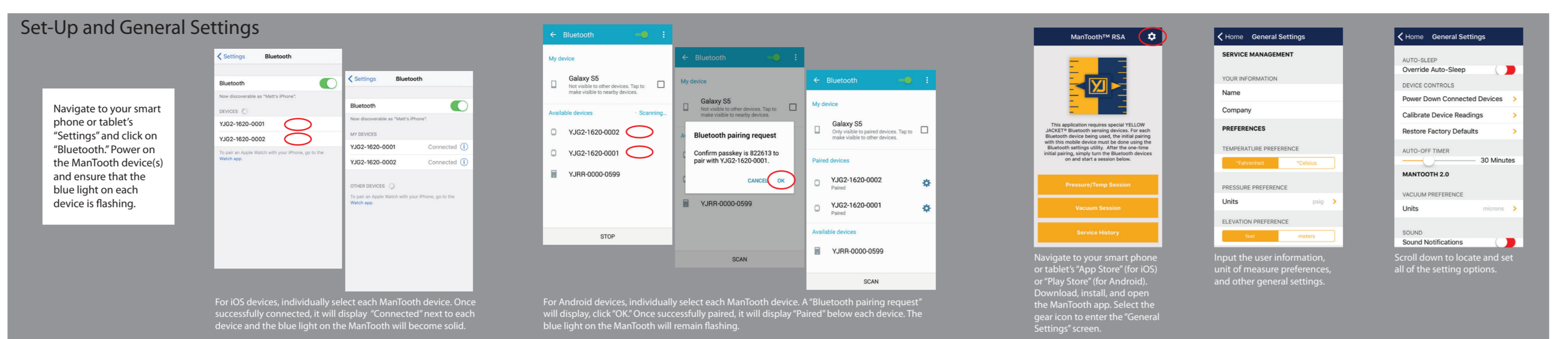
**ManTooth™ -V  
Wireless Vacuum Gauge  
ManTooth™ -PTV  
Wireless Pressure/  
Temperature/Vacuum Gauge**

**Quick Start Guide**

For the full Operation Manual, visit [www.yellowjacket.com](http://www.yellowjacket.com)

FIRST SESSION

### Set-Up and General Settings



Navigate to your smart phone or tablet's "Settings" and click on "Bluetooth". Power on the ManTooth device(s) and ensure that the blue light on each device is flashing.

For iOS devices, individually select each ManTooth device. Once successfully connected, it will display "Connected" next to each device and the blue light on the ManTooth will become solid.

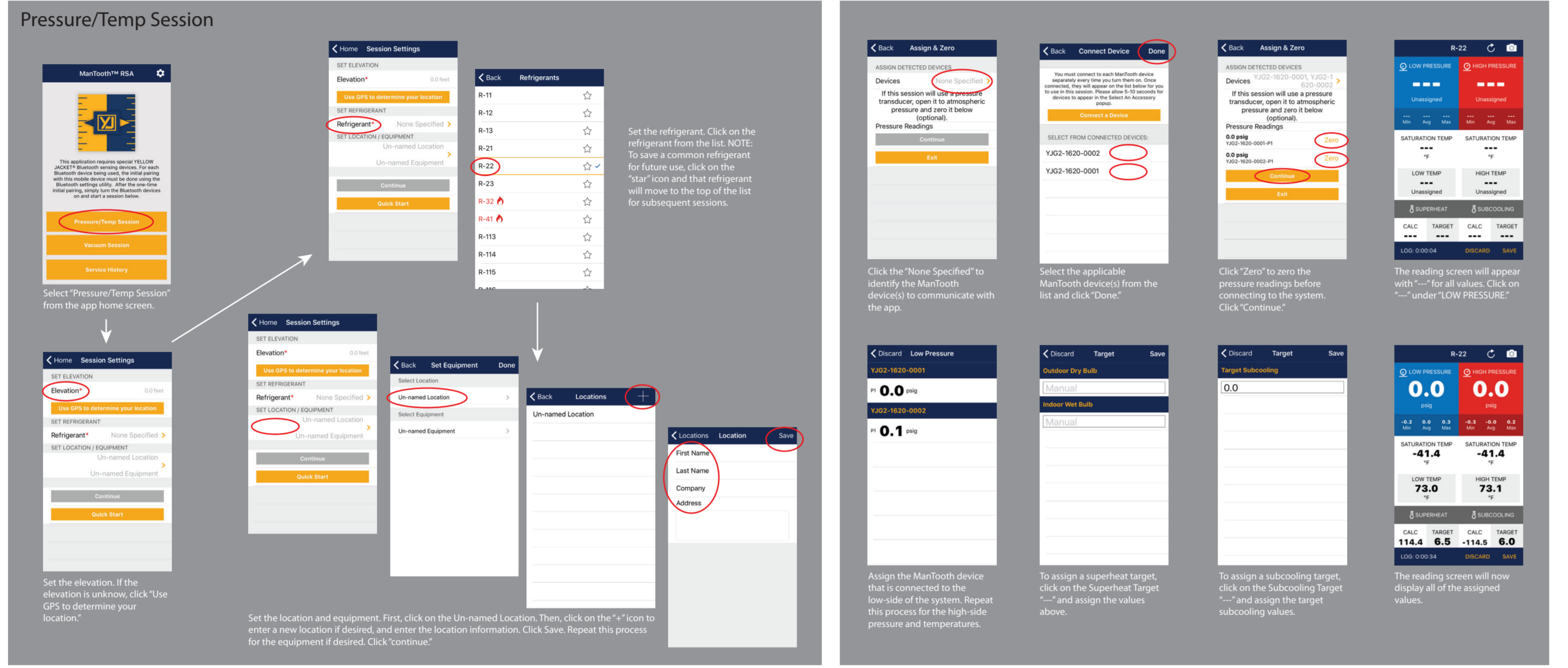
For Android devices, individually select each ManTooth device. A "Bluetooth pairing request" will display, click "OK". Once successfully paired, it will display "Paired" below each device. The blue light on the ManTooth will remain flashing.

Navigate to your smart phone or tablet's "App Store" (for iOS) or "Play Store" (for Android), download, install, and open the ManTooth app. Select the gear icon to enter the "General Settings" screen.

Input the user information, unit of measure preferences, and other general settings.

Scroll down to locate and set all of the setting options.

### Pressure/Temp Session



Select "Pressure/Temp Session" from the app home screen.

Set the refrigerant. Click on the refrigerant from the list. NOTE: To save a common refrigerant for future use, click on the "star" icon and that refrigerant will move to the top of the list for subsequent sessions.

Click the "None Specified" to identify the ManTooth device(s) to communicate with the app.

Select the applicable ManTooth device(s) from the list and click "Done."

Click "Zero" to zero the pressure readings before connecting to the system. Click "Continue."

The reading screen will appear with "—" for all values. Click on "—" under "LOW PRESSURE."

Click "Continue."

The reading screen will now display all of the assigned values.

Set the elevation. If the elevation is unknown, click "the GPS" to determine your location.

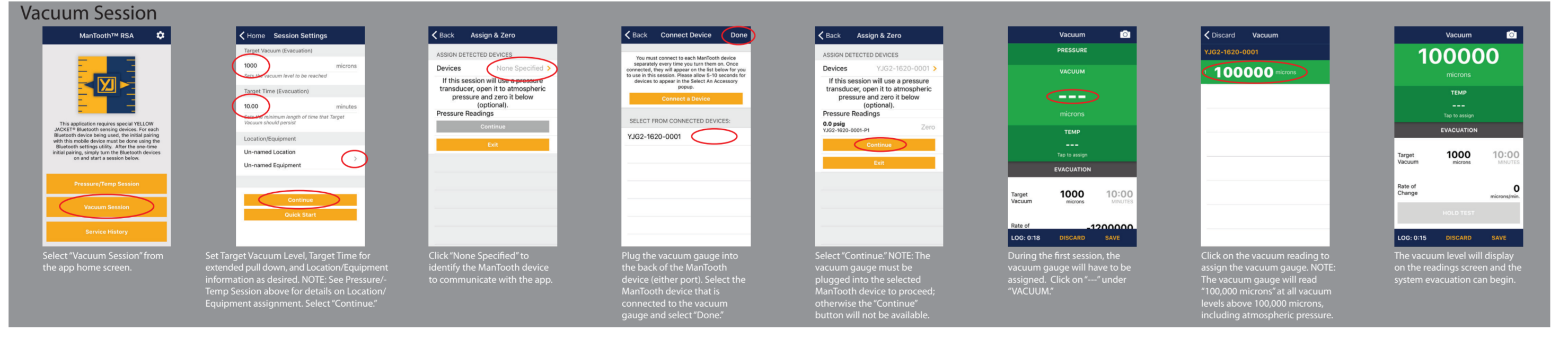
Set the location and equipment. First, click on the Un-named Location. Then, click on the "+" icon to enter a new location if desired, and enter the location information. Click Save. Repeat this process for the equipment if desired. Click "Continue."

Assign the ManTooth device that is connected to the bar side of the system. Repeat this process for the high-side pressure and temperatures.

To assign a superheat target, click on the Superheat Target "+" and assign the values above.

To assign a subcooling target, click on the Subcooling Target "+" and assign the target subcooling values.

### Vacuum Session



Select "Vacuum Session" from the app home screen.

Set Target Vacuum Level, Target Time for extended pull-down, and Location/Equipment information as desired. NOTE: See Pressure/Temp Session above for details on Location/Equipment assignment. Select "Continue."

Click "None Specified" to identify the ManTooth device to communicate with the app.

Plug the vacuum gauge into the back of the ManTooth device (either port). Select the ManTooth device that is connected to the vacuum gauge and select "Done."

Select "Continue." NOTE: The vacuum gauge must be plugged into the selected ManTooth device to proceed; otherwise the "Continue" button will not be available.

During the first session, the vacuum gauge will have to be assigned. Click on "—" under "VACUUM."

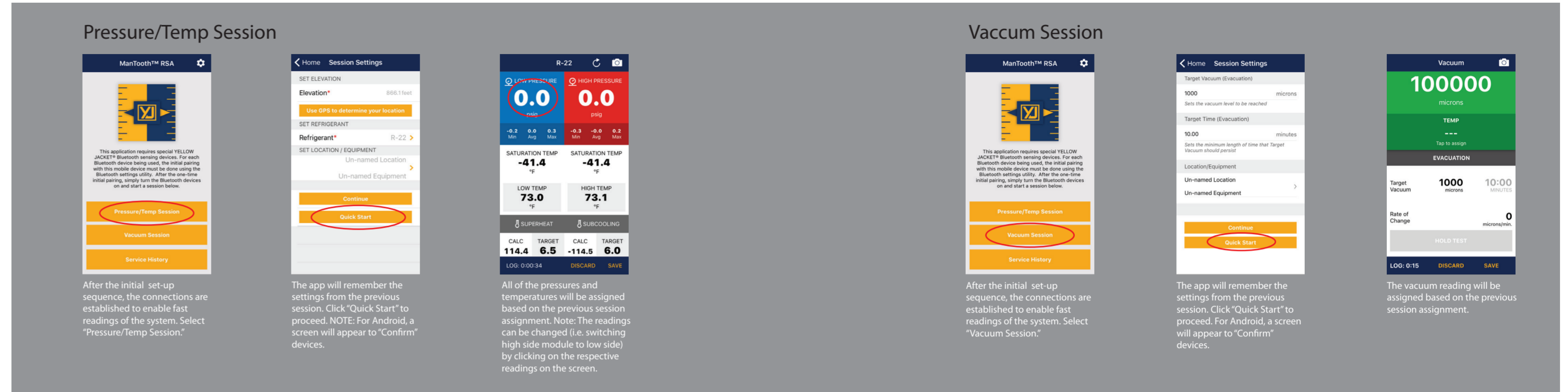
Click on the vacuum reading to assign the vacuum gauge. NOTE: The vacuum gauge will read "100,000 microns" at all vacuum levels above 100,000 microns, including atmospheric pressure.

The vacuum level will display on the readings screen and the system evacuation can begin.

Side 1

SUBSEQUENT SESSIONS

### Pressure/Temp Session

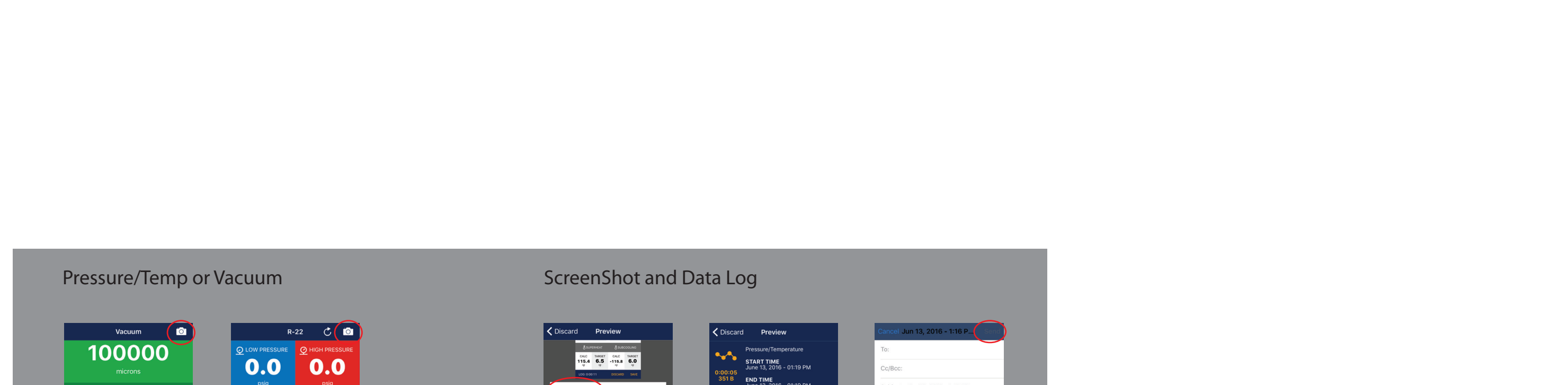


After the initial set-up sequence the connections are established to enable fast readings of the system. Select "Pressure/Temp Session."

The app will remember the settings from the previous session. Click "Quick Start" to proceed. NOTE: For Android, a screen will appear to "confirm" devices.

All of the pressures and temperatures will be assigned based on the previous session assignment. Note: The readings can be changed (i.e., switching high side module to low side) by clicking on the respective readings on the screen.

### Vacuum Session



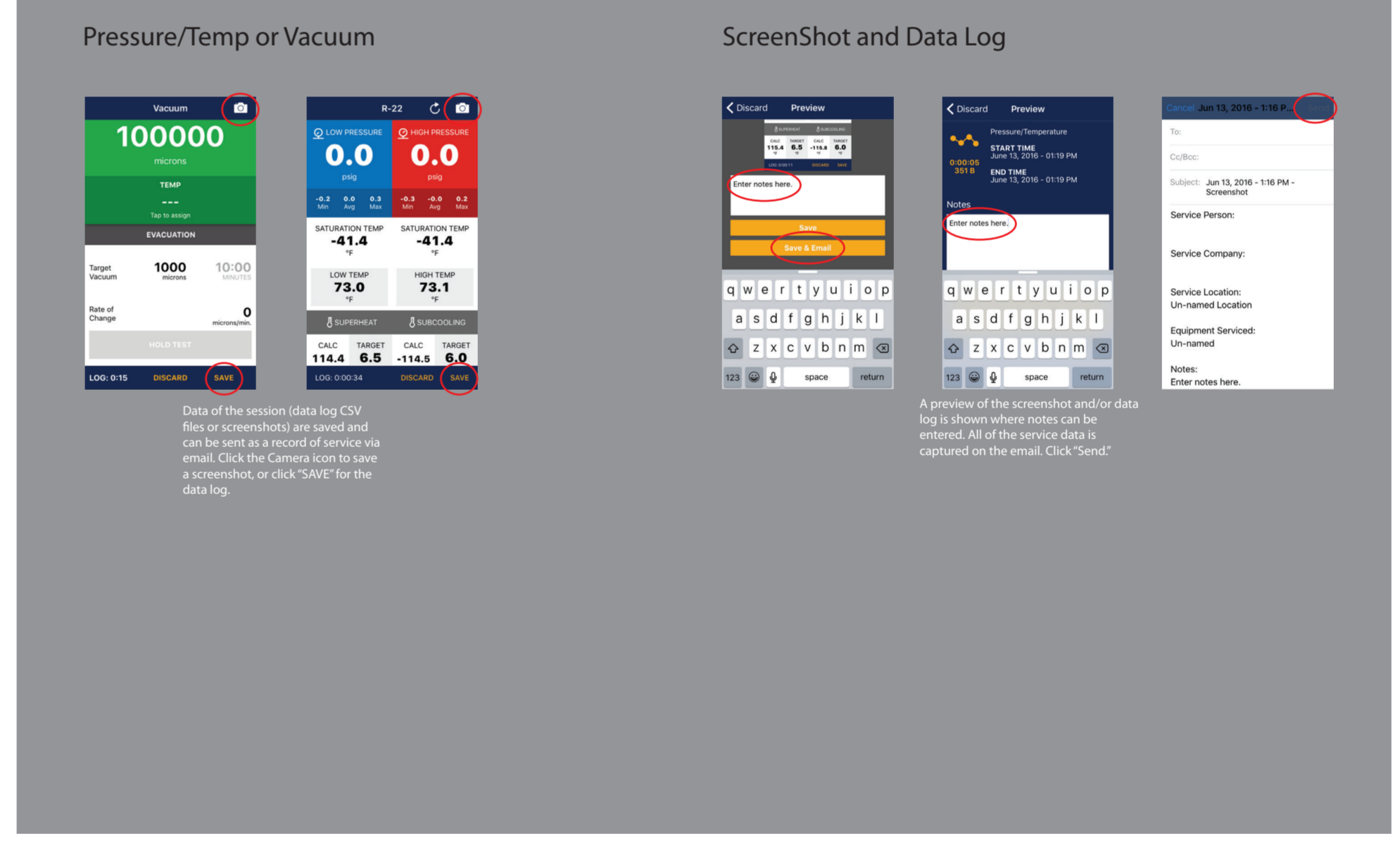
After the initial set-up sequence, the connections are established to enable fast readings of the system. Select "Vacuum Session."

The app will remember the settings from the previous session. Click "Quick Start" to proceed. For Android, a screen will appear to "confirm" devices.

The vacuum reading will be assigned based on the previous session assignment.

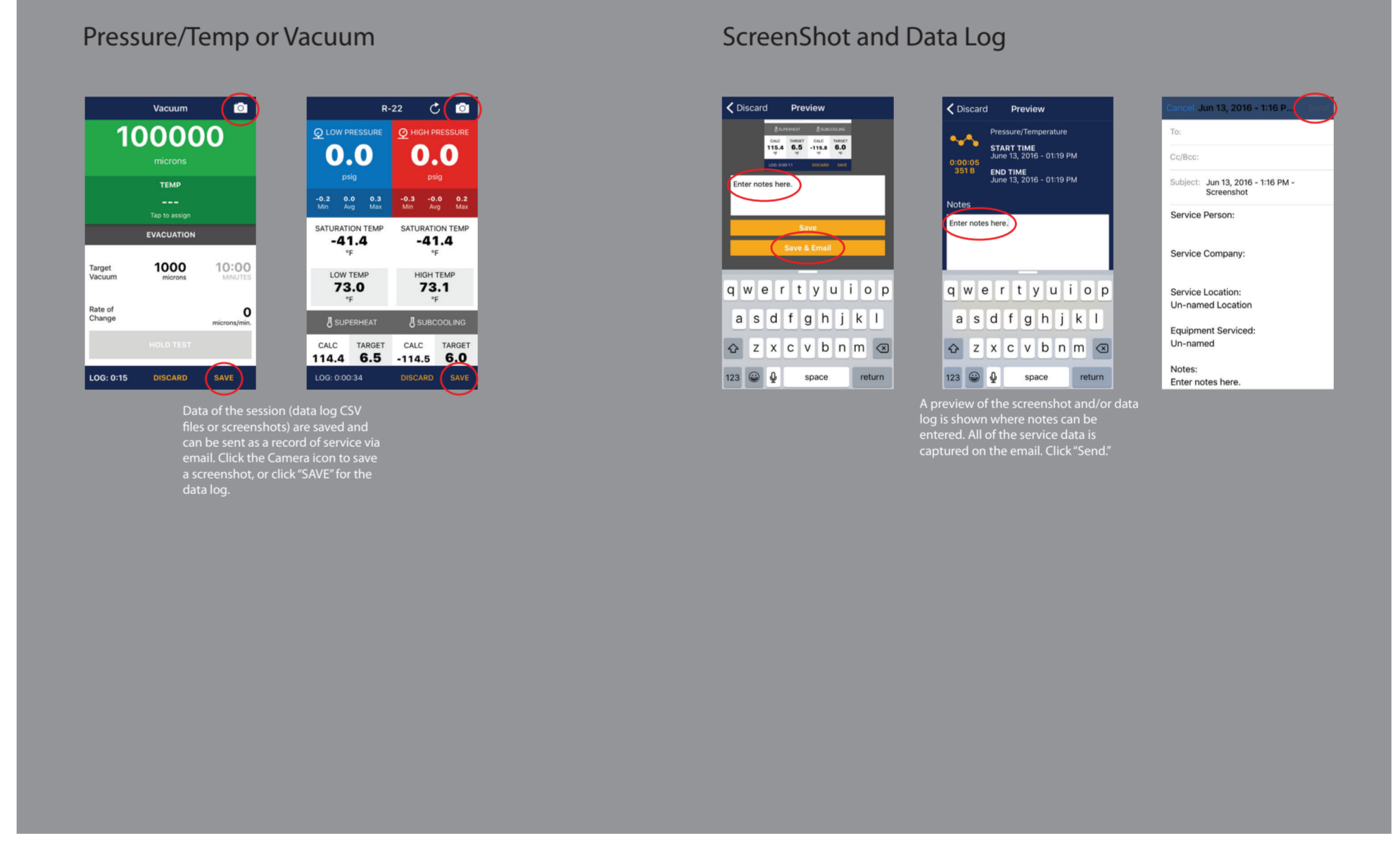
SENDING DATA / INFORMATION

### Pressure/Temp or Vacuum



Data of the session (data log CSV files or screenshots) are saved and can be sent as a record of service via email. Click the Camera icon to save a screenshot, or click "SAVE" for the data log.

### ScreenShot and Data Log



A preview of the screenshot and/or data log is shown where notes can be entered. All of the service data is captured on the email. Click "Send."

Side 2

20" WIDE X 13.5" HIGH

Green line represents paper size; do not print; remove die cut layer in Illustrator before printing  
 FOLDS FIVE TIMES VERTICALLY AND THREE TIMES HORIZONTALLY FOR A FINAL SIZE OF 3.33" WIDE X 3.375" TALL