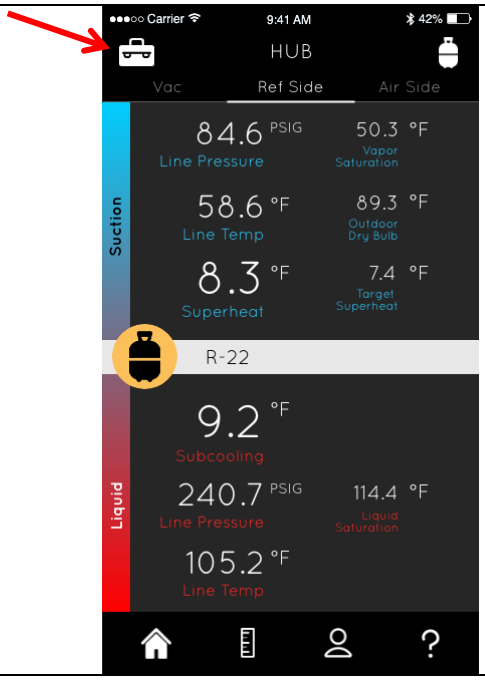
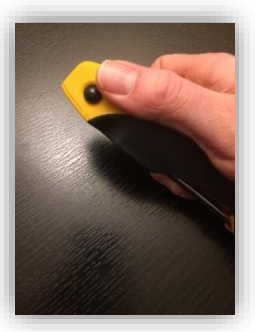
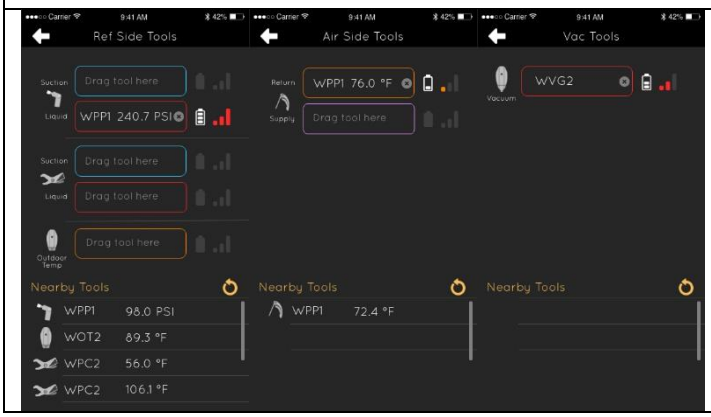
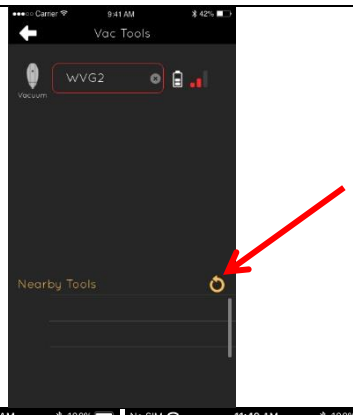
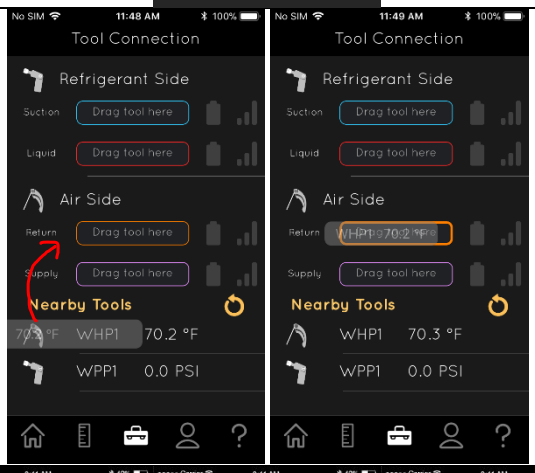
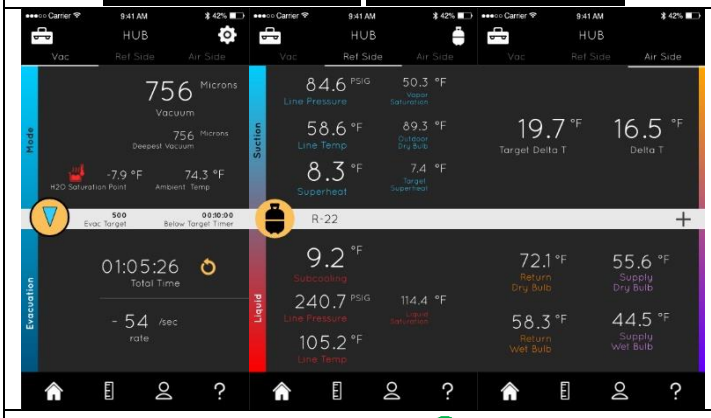
Quick Start Guide for UEi HUB Tools v2

SETUP:

	Download and install the UEi HUB App
	Open the App and navigate to the appropriate Tools Connection Screen for the tool you wish to connect. Tap the tool box icon on the Ref Side display to connect to WPP1, WPC2 and WOT2 tools. Tap the tool box icon on the Air Side display to connect to WHP1 tools. Tap the tool box icon on the Vac display to connect to WVG2 tools.
	Power on the HUB Tools and wait until you see the flashing green LED.

	WOT2, WVG2, WPP1 – Press and hold Power button for 1 second.
	WHP1 – Press the probe release and extend the sensing probe 90° or 180° until it locks in place.
	WPC2 – Open the clamp jaw by placing a cylinder with a diameter larger than 9mm in the jaw.
	In the App you will see the tools appear in the “Nearby Tools list”.

	If tools are missing tap the refresh icon and the list will refresh.
	Touch and Drag a tool from the “Nearby Tool list” to an appropriate assignment slot (Match the tool icon to the slot you wish to assign it to.”
	To see tool values and associated calculated values return to the Display Screen by tapping the back button. You can swipe between the Vacuum, Refrigerant and Air side displays.
	You are now ready to monitor live measurements from your UEi HUB tools.

SPECIFICATIONS:

WHP1:

Temperature

Operating Range: 32 to 60°C (0 to 140°F)
Resolution: 0.1°
Accuracy: ±0.3°C (±0.5°F)
Drift: <0.03°C/yr

Relative Humidity

Operating Range: 0 to 100%
Resolution: 0.1%
Accuracy: ±3%
Drift: <0.25%/yr

Operating Conditions

Temperature: -41 to 140°F (5 to 60°C)
%RH: 20 to 80%

Storage Conditions (Batteries removed)

Temperature: -40 to 257°F (-40 to 125°C)

Ingress protection

IP 52

Power

Battery type: 2 AAA Alkaline Batteries
Battery Life: 100+ hrs.

WPP1:

Pressure

Operating Range: 0 to 50 bar (0 to 725 PSI)
Resolution: 0.1 PSI
Accuracy: ±0.5% F.S. (±2.5 to ± 5.0 PSIG)

Operating Conditions

Temperature: 14 to 158°F (-10 to 70°C)
%RH: 30 to 85%

Storage Conditions (Batteries removed)

Temperature: -13 to 185°F (-25 to 85°C)

Ingress protection

IP 52

Power

Battery type: 2 AA Alkaline Batteries
Battery Life: 100+ hrs.

WPC2:

Temperature

Operating Range: 0 to 82°C (32 to 180°F)
Resolution: 0.1°
Accuracy: ±0.3°C (±0.6°F) For 10°C to 80°C
Otherwise ±0.5°C (±1.0°F)

Operating Conditions

Temperature: 32 to 180°F (0 to 82°C)

Storage Conditions (Batteries removed)

Temperature: 14 to 104°F (-10 to 40°C)
< 75% RH

Ingress protection

IP 52

Power

Battery type: 1 AA Alkaline Battery

WOT2:

Temperature

Operating Range: 0 to 82°C (32 to 180°F)
Resolution: 0.1°
Accuracy: ±1.0°C (±2°F)

Operating Conditions

Temperature: 32 to 180°F (0 to 82°C)

Storage Conditions (Batteries removed)

Temperature: 14 to 104°F (-10 to 40°C)
< 75% RH

Ingress protection

IP 52

Power

Battery type: 2 AA Alkaline Battery

WVG2:

Vacuum Pressure:

Range: 0-20000 microns
Resolution: 1 micron
Accuracy: ±5% reading ± 5 microns
Max Over Pressure: 700 PSI

Temperature

Operating Range: -12 to 50°C (10 to 122°F)
Resolution: 0.1°
Accuracy: ±2.5°C (±5°F)

Operating Conditions

Temperature: 10 to 122°F (-12 to 50°C)

Power

Battery type: 2 AA Alkaline Battery

FCC and IC STATEMENT

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This equipment complies with FCC/IC RSS102 radiation exposure limits set forth for an uncontrolled envi ronment.

This device complies with Industry Canada license-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Under Industry Canada regulations, this radio transmitter may only operate using an antenna of a type and maximum (or lesser) gain approved for the transmitter by Industry Canada. To reduce potential radio interference to other users, the antenna type and its gain should be so chosen that the equivalent isotropically radiated power (e.i.r.p.) is not more than that necessary for successful communication.

Conformément à la réglementation d'Industrie Canada, le présent émetteur radio peut fonctionner avec une antenne d'un type et d'un gain maximal (ou inférieur) approuvé pour l'émetteur par Industrie Canada. Dans le but de réduire les risques de brouillage radioélectrique à l'intention des autres utilisateurs, il faut choisir le type d'antenne et son gain de sorte que la puissance isotrope rayonée équivalente (p.i.r.e.) ne dépasse pas l'intensité nécessaire à l'établissement d'une communication satisfaisante.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autoris é e aux deux conditions suivantes : (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

FCC AND IC NOTICE

This device complies with Part 15 of the FCC rules and Industry Canada license-exempt RSS 247. Operation is subject to the following two conditions: (1) This device may not cause harmful interference; and (2) this device must accept any interference received, including interference that may cause undesired operation.

Cet appareil est conforme à la partie 15 des règles de la FCC, ainsi qu'à la norme RSS 247 exempte de licence d'Industrie Canada. Son fonctionnement est soumis aux deux conditions suivantes : (1) Cet appareil ne doit pas provoquer d'interférences nuisibles; et (2) cet appareil doit accepter toutes les interférences reçues, y compris celles susceptibles d'entraîner un dysfonctionnement de l'appareil.

FCC CAUTION

The device must not be co-located or operated in conjunction with any other antenna or transmitter.

Caution the user that changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

L'appareil ne doit pas être placé ou utilisé conjointement avec une autre antenne ou un autre émetteur. Attention à l'utilisateur que des changements ou des modifications non expressément approuvés par la partie responsable pour la conformité pourrait annuler l'autorité de l'utilisateur pour faire fonctionner l'équipement.

a.The device should be installed and operated with a minimum distance of 20cm between the radiator and your body.

L'appareil doit être installé et utilisé avec une distance minimale de 20 cm entre le radiateu et votre corps.

b.This device complies with RSS247 of Industry Canada. Cet appareil se conforme à RSS247 de Canada d'Industrie. This device complies with Industry Canada license-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

appareils radio exempts de licence. Son fonctionnement est sujet aux deux conditions suivantes: (1) le dispositif ne doit pas produire de brouillage prejudiciable, et (2) ce dispositif doit accepter tout brouillage recu, y compris un brouillage susceptible de provoquer un fonctionnement indesirable.

This Class B digital apparatus complies with Canadian ICES-003.
Cet appareil numérique de la classe B est conforme a la norme NMB-003 du Canada.

Exposure of humans to RF fields (RSS-102)
The computers employ low gain integral antennas that do not emit RF field in excess of Health Canada limits for the general population; consult Safety Code 6, obtainable from Health Canada's Web site at http://www.hc-sc.gc.ca/
The radiated energy from the antennas connected to the wireless adapters conforms to the IC limit of the RF exposure requirement regarding IC RSS-102, Issue 5 clause 4. SAR tests are conducted using

recommended operating positions accepted by the FCC/ RSS with the device transmitting at its highest certified power level in all tested frequency band without distance attaching away from the body. Non-compliance with the above restrictions may result in violation of FCC RF exposure guidelines.

Conformité des appareils de radiocommunication aux limites d'exposition humaine aux radiofréquences (CNR-102) L'ordinateur utilise des antennes intégrales à faible gain qui n'émettent pas un champ électromagnétique supérieur aux normes imposées par Santé Canada pour la population. Consultez le Code de sécurité 6 sur le site Internet de Santé Canada à l'adresse suivante : http://www.hc-sc.gc.ca/ L'énergie émise par les antennes reliées aux cartes sans fil respecte la limite d'exposition aux radiofréquences telle que définie par Industrie Canada dans la clause 4.1 du document CNR-102, version 5. Tests DAS sont effectués en utilisant les positions recommandées par la FCC/CNR avec le téléphone émet à la puissance certifiée maximale dans toutes les bandes de fréquences testées sans distance attacher loin du corps. Non-respect des restrictions ci-dessus peut entraîner une violation des directives de la FCC/CNR.