

CHECKLIST JHI15001SS11X0000

JH/MM 1,500

Precheck:

- 1) Mark sight glass at notches in sheetmetal
- 2) Condensing Unit model:
 - #FTAH-A150-CFV-020, 230/1/60, R134A
 - #FTAH-A150-TFC-020, 230/3/60, R134A
 - #FTAH-A150-TFD-020, 460/3/60, R134A
- 3) Expansion valve:
 - EBFJ-B-CP60
- 4) Wire locations are correct and tight
- 5) Pump:
 - 104B240F11BC 1PH 4 GPM
 - 104B240F11BC 3PH 4 GPM
 - 1MS1E4D4 1PH 10 GPM
 - 1MS1E5D4 3PH 10 GPM
- 6) Refrigeration and plumbing component flow correct.
- 7) All nuts, conduit, bolts, etc are tight.



When Testing with 30% Glycol

- 17) Temperature Delta 7.6°F (w/4gpm pump)
Temperature Delta 3.0°F (w/10gpm pump)
Delta °F: 10.2
- 18) Check capacity, 14400 BTU's/hr
Calculate capacity: Delta x GPM x 474 = 19,339

CE Testing

1. Ground continuity test. (EN60204-1 20.2)
GROUND CONTINUITY TESTER CALIBRATION EXPIRES _____

Ground continuity tested between the grounding lug marked P.E. and each of the following bonding points. Test is performed successfully if it has less than 0.1 ohms at ten amps for at least 10 seconds.

- ___ The bonding point at the compressors.
- ___ The bonding point at the pump.
- ___ The bonding point at the fan.
- ___ The bonding point at the main enclosures terminal blocks.
On a piece of dinrail on the main enclosure panel.
- ___ The bonding point at all solenoids.
- ___ The bonding point at all control devices.(Flow,Float Switches)
- ___ Visually inspect all grounding wires and check for tightness

2. Insulation Resistance test. (EN60204 20.3)
INSULATION RESISTANCE TESTER CALIBRATION EXPIRES _____

The insulation resistance measured at 500 V d.c. between the power circuit conductors and the protective bonding circuit shall not be less than 1 MegaOhm.

The resistance between the power wires and the ground bonding wire is more than 1Mohm in the connection to:

- ___ The compressors.
- ___ The pumps.
- ___ The fans.

3. Hypot test. (EN60204-1 20.4)

___ Before performing Hypot test, all fuses are installed

HYPOT CALIBRATION EXPIRES _____

Hypot test successfully performed with 1000v for 1 second to each of the following:

- ___ Below the main disconnect.
- ___ On all compressors after the contactor.
- ___ On all pumps after the contactor.
- ___ On all fan motors after the contactor.

After Test:

- 1) Leak check
- 2) Drain water from tank and reinstall plug
- 3) Drain strainer on low flow units.
- 4) Unhook from test stand
- 5) Fill out Test Stand Sign Off Sheet and save on the computer

Date	Change	Engineer
4/28/14	Updated format.	CJS