

FIELD START-UP TEST SHEETS

***GHRC Air Cooled Condenser and
GHCU Air Cooled Condensing Units
(Units with Axial Fans with EC Motors)***



Instructions:

This field start-up test sheet must be completed during the start-up process and returned to Data Aire, Inc. Failure to return these sheets for each unit may limit or cause delays in warranty coverage. Some of the terms listed require specific information to be entered and others may only need a check mark that verifies a test or inspection has been conducted. Items not applicable should be marked "N/A."

UNIT IDENTIFICATION

Data Aire Job Number: _____

Model Number: _____

Serial Number: _____

TEST VOLTAGE

Voltage: A-B _____ A-C _____ B-C _____

FAN MOTOR # 1 – AT THE HEADER END OF UNIT

Motor kW: _____ F.L.A. _____ Voltage: _____ Running Amps _____

Pressure when Fan(s) Start Rotating: _____ PSIG RPM: _____

Pressure when Fan(s) Reach Max Speed: _____ PSIG RPM: _____

FAN MOTOR # 2

Motor kW: _____ F.L.A. _____ Voltage: _____ Running Amps _____

FAN MOTOR # 3

Motor kW: _____ F.L.A. _____ Voltage: _____ Running Amps _____

FAN MOTOR # 4

Motor kW: _____ F.L.A. _____ Voltage: _____ Running Amps _____

FAN MOTOR # 5

Motor kW: _____ F.L.A. _____ Voltage: _____ Running Amps _____

FIELD START-UP TEST SHEETS

***GHRC Air Cooled Condenser and
GHCU Air Cooled Condensing Units
(Units with Axial Fans with EC Motors)***



COMPRESSOR # 1

Operating Amps: L1 _____ L2 _____ L3 _____ Discharge Pressure: _____ PSIG

Liquid Line Temperature: _____ °F Sub-Cooling Temperature: _____ °F

Suction Pressure: _____ PSIG Suction Temperature: _____ °F Superheat: _____ °F

Crankcase Temperature _____ °F Oil Level (via sight-glass): _____ %

Hot gas Bypass: Yes No Liquid Line Solenoid: Yes No

Compressor Unloader: Yes No Discharge Pressure (unloaded) _____ PSIG

Suction Temperature (unloaded) _____ °F Amps (unloaded) L1 _____ L2 _____ L3 _____

COMPRESSOR # 2

Operating Amps: L1 _____ L2 _____ L3 _____ Discharge Pressure: _____ PSIG

Liquid Line Temperature: _____ °F Sub-Cooling Temperature: _____ °F

Suction Pressure: _____ PSIG Suction Temperature: _____ °F Superheat: _____ °F

Crankcase Temperature _____ °F Oil Level (via sight-glass): _____ %

Hot gas Bypass: Yes No Liquid Line Solenoid: Yes No

Compressor Unloader: Yes No Discharge Pressure (unloaded) _____ PSIG

Suction Temperature (unloaded) _____ °F Amps (unloaded) L1 _____ L2 _____ L3 _____

Unit Clearance: Front _____" Back _____" Right Side _____" Left Side _____"

Field Piping Size: Discharge Line _____ Liquid Line _____ Suction _____ Line _____

Total Field Piping Length: _____ feet Ambient Temperature: _____ °F

Discharge Line Check Valve Installed: Yes No

Comments: _____

Company Name: _____

Address: _____

Telephone: () _____

Start-Up Technician Name: _____ Start-Up Date: _____