

FIELD START-UP TEST SHEETS

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DARC Air Cooled Condenser and DRCU Air Cooled Condensing Units (with EC Motors and Axial Fans)

Instructions:

This test sheet must be completely filled out during start-up and returned to Data Aire, Inc. Failure to return the test sheet 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 (HEADER END)

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

Fan Starting Pressure: _____ PSIG Fan Maximum Pressure: _____ PSIG

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 _____

COMPRESSOR # 1

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

Liquid Line Temperature _____ Sub-cooling _____

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

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

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

Compressor Unloader: Yes or 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 _____ Sub-cooling _____

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

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

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

Compressor Unloader: Yes or 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 or NO

Comments:

Company Name: _____ **Telephone:** () _____

Start-Up Technician: _____ **Start-Up Date:** _____