

FIELD START-UP TEST SHEETS
DARC Air Cooled Condenser and
DACU Air Cooled Condensing Units
(Units with Propeller Fans and PSC Motors)



Instructions:

This field start-up test sheet must be completely 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 Speed Control System: Yes No

Flooded System: Yes No

FAN MOTOR # 1 - AT THE HEADER END OF THE UNIT

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

Rotation: Clockwise Counterclockwise

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

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

FAN MOTOR # 2

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

Rotation: Clockwise Counterclockwise Thermostat Set At: _____ °F

FAN MOTOR # 3

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

Rotation: Clockwise Counterclockwise Thermostat Set At: _____ °F

FAN MOTOR # 4

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

Rotation: Clockwise Counterclockwise Thermostat Set At: _____ °F

FAN MOTOR # 5

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

Rotation: Clockwise Counterclockwise Thermostat Set At: _____ °F

FIELD START-UP TEST SHEETS
DARC Air Cooled Condenser and
DACU Air Cooled Condensing Units
(Units with Propeller Fans and PSC 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: _____