



# FIELD START-UP TEST SHEET

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## CHILLED WATER UNITS

### 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 only need a check mark that verifies a test of inspection has been conducted. Items not applicable should be marked "N/A".

### UNIT IDENTIFICATION

Job Number: \_\_\_\_\_ Model Number: \_\_\_\_\_

Serial Number: \_\_\_\_\_

### TEST VOLTAGE

Voltage: A-B: \_\_\_\_\_ A-C: \_\_\_\_\_ B-C: \_\_\_\_\_

### TEST CONDITIONS

Supply Air Temperature: \_\_\_\_\_ °F Return Air Temperature: \_\_\_\_\_ °F Return Air Humidity: \_\_\_\_\_ %

### BLOWER No. 1

Motor HP: \_\_\_\_\_ F.L.A.: \_\_\_\_\_ Voltage: \_\_\_\_\_ Operating Amps: L1 \_\_\_\_\_ L2 \_\_\_\_\_ L3 \_\_\_\_\_

Motor, Drive and Pulley Aligned: Yes or No Drive and Pulley Set Screws Tight: Yes or No

Blower Clean of Debris: Yes or No Blower Pulley Size: \_\_\_\_\_

### BLOWER No. 2 – (As applicable)

Motor HP: \_\_\_\_\_ F.L.A.: \_\_\_\_\_ Voltage: \_\_\_\_\_ Operating Amps: L1 \_\_\_\_\_ L2 \_\_\_\_\_ L3 \_\_\_\_\_

Motor, Drive and Pulley Aligned: Yes or No Drive and Pulley Set Screws Tight: Yes or No

Blower Clean of Debris: Yes or No Blower Pulley Size: \_\_\_\_\_

### BLOWER No. 3 – (As applicable)

Motor HP: \_\_\_\_\_ F.L.A.: \_\_\_\_\_ Voltage: \_\_\_\_\_ Operating Amps: L1 \_\_\_\_\_ L2 \_\_\_\_\_ L3 \_\_\_\_\_

Motor, Drive and Pulley Aligned: Yes or No Drive and Pulley Set Screws Tight: Yes or No

Blower Clean of Debris: Yes or No Blower Pulley Size: \_\_\_\_\_

### CHILLED WATER

Chilled Water Temperature **IN**: \_\_\_\_\_ °F Chilled Water Temperature **OUT**: \_\_\_\_\_ °F

Temperature differential: \_\_\_\_\_ °F

### WATER VALVE

Valve Size: \_\_\_\_\_ inches Valve Model No.: \_\_\_\_\_ Manufactured by: \_\_\_\_\_

Valve Motor Model No.: \_\_\_\_\_ Manufactured by: \_\_\_\_\_ D.C. Volt Setting: \_\_\_\_\_

Modulate Open: Yes or No Modulate Close: Yes or No Valve: 2-way \_\_\_\_\_ 3-way \_\_\_\_\_

**REHEAT**

Type: Electric \_\_\_ Hot Water \_\_\_ Steam \_\_\_  
(For Electric Reheat) Operating Amps L1 \_\_\_\_\_ L2 \_\_\_\_\_ L3 \_\_\_\_\_

High Temperature Safety Operation: Yes or No  
(For Non-Electric Reheat) Valve Operating: Yes or No

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**HUMIDIFIER**

Steam Generator: Yes or No Operating Amps: L1 \_\_\_\_\_ L2 \_\_\_\_\_ L3 \_\_\_\_\_  
Water Level: \_\_\_\_\_% Capacity Setting \_\_\_\_\_% Water Pressure Switch: Yes or No  
Dry Steam Solenoid: Yes or No

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**The following items must be checked and adjusted as required:**

Electrical Connections: **Yes or No** Copper Conductors Used: **Yes or No**  
Disconnect: **Yes or No** Remote Shutdown Jumper: **Yes or No**  
Filters Clean: **Yes or No** System Leak Checked: **Yes or No**  
Water Detection Probe Alarm: **Yes or No** Smoke Detector Magnet Test: **Yes or No**

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**DATA ALARM PROCESSOR II - See DAP-II CHECKLIST ATTACHED**

**Comments:** \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**Company Name:** \_\_\_\_\_ **Telephone:** (\_\_\_\_\_) \_\_\_\_\_

**Start-Up Conducted by:** \_\_\_\_\_ **Date:** \_\_\_\_\_