

# FIELD START-UP TEST SHEETS

230 West Blueridge Avenue, Orange, CA 92865  
Telephone (714) 921-6000 Fax (714) 921-6010  
[www.dataaire.com](http://www.dataaire.com)



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

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### UNIT IDENTIFICATION

Data Aire Job Number: \_\_\_\_\_

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

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### TEST VOLTAGE

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

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### TEST CONDITIONS

Supply Air Temperature \_\_\_\_\_ °F Ambient Temperature \_\_\_\_\_ °F

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

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### FAN MOTOR # 1

Motor kW \_\_\_\_\_ Nameplate Voltage \_\_\_\_\_ Nameplate F.L.A. \_\_\_\_\_

Operating Amps L1 \_\_\_\_\_ L2 \_\_\_\_\_ L3 \_\_\_\_\_

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### FAN MOTOR # 2

Motor kW \_\_\_\_\_ Nameplate Voltage \_\_\_\_\_ Nameplate F.L.A. \_\_\_\_\_

Operating Amps L1 \_\_\_\_\_ L2 \_\_\_\_\_ L3 \_\_\_\_\_

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### FAN MOTOR # 3

Motor kW \_\_\_\_\_ Nameplate Voltage \_\_\_\_\_ Nameplate F.L.A. \_\_\_\_\_

Operating Amps L1 \_\_\_\_\_ L2 \_\_\_\_\_ L3 \_\_\_\_\_

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### FAN MOTOR # 4

Motor kW \_\_\_\_\_ Nameplate Voltage \_\_\_\_\_ Nameplate F.L.A. \_\_\_\_\_

Operating Amps L1 \_\_\_\_\_ L2 \_\_\_\_\_ L3 \_\_\_\_\_

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**WATER VALVE**

Valve Size: \_\_\_\_\_ Valve Model Number: \_\_\_\_\_ Manufacturer: \_\_\_\_\_

Actuator Model Number: \_\_\_\_\_ Manufacturer: \_\_\_\_\_ DC Volt Setting: \_\_\_\_\_

Modulate Open: \_\_\_\_\_ Modulate Close: \_\_\_\_\_ Valve Type: 2-Way \_\_\_\_\_ 3-Way \_\_\_\_\_

Modulating Valve Operation: \_\_\_\_\_

**AUXILARY COIL WATER VALVE**

Valve Size: \_\_\_\_\_ Valve Model Number: \_\_\_\_\_ Manufacturer: \_\_\_\_\_

Actuator Model Number: \_\_\_\_\_ Manufacturer: \_\_\_\_\_ DC Volt Setting: \_\_\_\_\_

Modulate Open: \_\_\_\_\_ Modulate Close: \_\_\_\_\_ Valve Type: 2-Way \_\_\_\_\_ 3-Way \_\_\_\_\_

Modulating Valve Operation: \_\_\_\_\_

**REHEAT**

Type: Electric \_\_\_\_\_ Hot Water \_\_\_\_\_ Hot Gas \_\_\_\_\_ Steam \_\_\_\_\_  
(for electric reheat) Operating Amps L1 \_\_\_\_\_ L2 \_\_\_\_\_ L3 \_\_\_\_\_

High Temperature Safety Operation: Yes or No  
(for non-electric reheat) Valve Opening: Yes or NO

**HUMIDIFIER**

Steam Generator: Yes or No Operating Amps: L1 \_\_\_\_\_ L2 \_\_\_\_\_ L3 \_\_\_\_\_

Water Level: \_\_\_\_\_% Capacity Setting: \_\_\_\_\_% Water Pressure Switch: Yes or No

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

- |                              |                  |                             |                  |
|------------------------------|------------------|-----------------------------|------------------|
| Electrical Connections:      | <b>Yes or No</b> | Copper Conductors Used:     | <b>Yes or No</b> |
| Disconnect:                  | <b>Yes or No</b> | Remote Shutdown Jumper:     | <b>Yes or No</b> |
| Filters Clean:               | <b>Yes or No</b> | System Leak Checked:        | <b>Yes or No</b> |
| Water Detection Probe Alarm: | <b>Yes or No</b> | Smoke Detector Magnet Test: | <b>Yes or No</b> |

**DATA ALARM PROCESSOR 4 - See DAP4 CHECKLIST ATTACHED**

**Comments:**

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**Company Name:** \_\_\_\_\_ **Telephone:** \_\_\_\_\_

**Address:** \_\_\_\_\_

**Start-Up Technician:** \_\_\_\_\_ **Start-Up Date:** \_\_\_\_\_