



# START-UP CHECK LIST

## Gas Fired Duct Heater

MODEL TA \_\_\_\_\_

SERIAL # \_\_\_\_\_

JOB NAME \_\_\_\_\_

DATE \_\_\_\_\_

JOB ADDRESS \_\_\_\_\_

INSTALLING CONTRACTOR \_\_\_\_\_

TECHNICIAN \_\_\_\_\_

SIGNATURE \_\_\_\_\_

### PRESTART CHECKS



Installed Fuse/Breaker Size \_\_\_\_\_ Amps

Control Voltage \_\_\_\_\_

All Remote Wiring in Place

All Terminal Connections Tight

Inlet Gas Pipe Size \_\_\_\_\_ Inches

Inlet Gas Pressure \_\_\_\_\_ ("wc) or (PSI)

All Duct, Unit Accessories and Unit Joints Sealed

### OPERATIONAL CHECKS (cont.)



VDC to Mod Gas Valve (VM-1) High Fire \_\_\_\_\_

VDC to Mod Gas Valve (VM-1) High Fire \_\_\_\_\_

Low Speed (if 2<sup>spd</sup>) \_\_\_\_\_

Burner Modulates from Temp. Control by Others

Temp. Controller Provides Stable Discharge Temp.

Unit Starts and Stops per Sequence of Operation

Unit Starts and Stops from Time Clock (CLK-1)\*

Unit Starts and Stops from Unocc Stat (T-3)\*

To Mail - Fold on Dotted Line and Seal  
or FAX to 715 - 597 - 3620

### OPERATIONAL CHECKS



Service Switches (SW-5 & SW-6)

Low Temp Limit (LTS-1)\*

Damper Actuator (DM-1)\*

Actuator End Switch\*

Air Flow Switches (P-1 & P-1A)

Burner Profile Air Press. Drop - \_\_\_\_\_ "wc

Burner Profile Air Press. Drop - Low Spd. \_\_\_\_\_ "wc

Inlet Duct Stat (T-1)\*

High Temp Limit (TL-1)

Low Gas Press Switch (P-2)\*

High Gas Press Switch (P-3)

Flame Safeguard Signal (FS-1)

Pilot \_\_\_\_\_ VDC Low Fire \_\_\_\_\_ VDC

Flame Safeguard Trips (FS-1)

Gas Manifold Pressure

Burner Off \_\_\_\_\_ "wc

Burner at High Fire \_\_\_\_\_ "wc

Burner at High Fire (if 2<sup>spd</sup>) \_\_\_\_\_ "wc

### CONTROL SETTINGS



Low Temperature Limit (LTS-1)\*

Time - **3 Minutes** Temperature \_\_\_\_\_ °F

Inlet Duct Stat (T-1)\* \_\_\_\_\_ °F

High Temperature Limit (TL-1) **185°F**

Low Gas Press Switch (P-2)\* \_\_\_\_\_ "wc

High Gas Press Switch (P-3) \_\_\_\_\_ "wc

Temperature Control by Others

Discharge Temperature Setpoint \_\_\_\_\_ °F

Time Clock Programmed (CLK-1)\*

Unocc Stat Setting (T-3)\* \_\_\_\_\_ °F

### Additional Comments or Notes:

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

\* = Optional control, may not apply to all equipment.