



# START-UP CHECK LIST

## AMU w/ Motorized Ball Valve – Temp. Control by Others

Model TA \_\_\_\_\_ Serial # \_\_\_\_\_  
 Job Name \_\_\_\_\_ Date \_\_\_\_\_  
 Job Address \_\_\_\_\_  
 Installing Contractor \_\_\_\_\_  
 Technician \_\_\_\_\_ Signature \_\_\_\_\_

### PRESTART CHECKS

- Supply Voltage
- L1 \_\_\_\_\_ L2 \_\_\_\_\_ L3 \_\_\_\_\_
- Motor FLA \_\_\_\_\_
- Installed Fuse/ Breaker Size \_\_\_\_\_ Amps
- Control Voltage \_\_\_\_\_
- All Remote Wiring in Place
- All Terminal Connections Tight
- Blower Drive & Hardware 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

### OPERATIONAL CHECKS

- Service Switches (SW-5 & SW-6)
- Low Temp Limit (LTS-1)\*
- Damper Actuator (DM-1)\*
- Actuator End Switch\*
- Motor Starters (ST-1)
- Blower Rotate in Correct Direction
- Motor Amp Draw- Supply Fan (High/ Low\* Spd.)
- L1 \_\_\_\_\_ / \_\_\_\_\_ L2 \_\_\_\_\_ / \_\_\_\_\_ L3 \_\_\_\_\_ / \_\_\_\_\_
- 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

or FAX to 715-597-3620

### CONTROL SETTINGS

- Low Temperature Limit (LTS-1)\*
- Time-3 **Minutes** Temp.- 45 \_\_\_\_\_ °F
- Motor Overload \_\_\_\_\_ Amps
- High Temperature Limit (TL-1) **185** °F
- Low Gas Press Switch (P-2)\* \_\_\_\_\_ "wc
- High Gas Press Switch (P-3) \_\_\_\_\_ "wc
- Inlet Duct Stat (T-1)\* \_\_\_\_\_ °F
- Temperature Control by Others
- Discharge Temp Set Point \_\_\_\_\_ °F
- Time Clock Programmed (CLK-1)\*
- Unocc. Stat Setting (T-3)\* \_\_\_\_\_ °F

### Additional Comments or Notes:

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

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

SEAL WITH TAPE- DO NOT STAPLE

Place  
Stamp  
Here

TITAN AIR LLLP  
13901 16<sup>th</sup> Street  
P.O. Box 717  
Osseo, WI 54758

Attn: Warranty Department