



START-UP CHECK LIST

AMU Heat Recovery – Programmable Controller

Model TA _____
 Job Name _____
 Job Address _____
 Installing Contractor _____
 Technician _____

Serial # _____
 Date _____
 Signature _____

PRESTART CHECKS

- Supply Voltage
- L1 _____ L2 _____ L3 _____
- Supply Motor FLA _____
- Exhaust 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.)

- Gas Manifold Pressure
- Burner Off _____ "wc
- Burner at High Fire _____ "wc
- Burner at High Fire (if 2^{spd}) _____ "wc
- VDC to Mod Gas Valve (VM-1) High Fire _____
- VDC to Mod Gas Valve (VM-1) High Fire
Low Speed (if 2^{spd}) _____
- Burner Modulates When Set Point is Adjusted
- Accurate & Stable Discharge Temperature
- Unit Starts and Stops from Remote Switch (SW-2)
- Unit Starts and Stops from Time Clock*
- Unit Starts and Stops from Unocc. Set Point
- Defrost damper (cell F&B) mod. from Prog. Controller

To Mail-Fold on Dotted Line and Seal

OPERATIONAL CHECKS

- Service Switches (SW-5 & SW-6)
- Low Temp Limit (INL. to Prog. Controller)*
- Damper Actuator (DM-1)*
- Actuator End Switch*
- Motor Starters (Supply & Exhaust)
- Blowers Rotate Correct Direction (Supply & Exh.)
- Motor Amp Draw- Supply Fan (high/low* spd.)
L1 _____ / _____ L2 _____ / _____ L3 _____ / _____
- Motor Amp Draw- Exhaust 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 (INL. to Prog. Controller)
- 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)

or FAX to 715-597-3620

CONTROL SETTINGS

- Low Temperature Limit (Prog. Controller)*
Time-3 **Minutes** Temp.- 45 _____ °F
- Motor Overload- Supply fan _____ Amps
- Motor Overload- Exhaust fan _____ 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 _____ °F
- Temperature Control
- Defrost Set Point (User Interface) _____ °F
- Discharge Set Point (User Interface) _____ °F
- Room Override Stat Setting (User Interface) _____ °F
- Time Clock Programmed (Optional)
- Unocc Stat Setting (User Interface)* _____ °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 16th Street
P.O. Box 717
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Attn: Warranty Department