



START-UP CHECK LIST

AR/80 Systems – Programmable Controller

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.)

- OA Damper Modulation – Runs Full Stroke from Building Pressure Control (Prog. Controller)
- OA Damper Position on Shut Down _____
- RA Damper Position on Shut Down _____
- Unit Starts and Stops from Time Clock
- Max ANSI Discharge Set Point at Max OA _____ °F
- Max ANSI Discharge Set Point at Min OA _____ °F
- Accurate & Stable Discharge Temp. Control
- Stable Burner Pressure Drop Control as OA Varies

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 (ST-1)
- Blowers Rotate Correct Direction
- Motor Amp Draw- Supply Fan (100% OA/ Min OA) _____
- L1 _____ / _____ L2 _____ / _____ L3 _____ / _____
- Air Flow Switches (P-1 & P-1A)
- Burner Profile Air Press. Drop-100% OA _____ "wc
- Burner Profile Air Press. Drop-Min. OA _____ "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)
- Gas Manifold Pressure _____
- Burner Off _____ "wc
- Burner at High Fire-100% OA _____ "wc
- VDC to Mod. Gas Valve (VM-1)-High Fire _____

or FAX to 715-597-3620

CONTROL SETTINGS

- Low Temperature Limit (Prog. Controller) _____
- 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 (Prog. Controller) _____ °F
- Prog. Controller Interface Set.(Some may not apply) _____
- Max Discharge Temp _____ °F
- Offset Occ. Room SP to Min DTSP _____ °F
- Occ. Room Temp Set Point _____ °F
- Unocc. Room Temp Set Point _____ °F
- Discharge Temp Set Point _____ °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
Osseo, WI 54758

Attn: Warranty Department