



START-UP CHECK LIST

AR/75 Systems - Maxitrol Series 14 or 44

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 Pressure Control (P-5) - Stops in Null Position
- OA Damper Repositions from Room Low Limit (T-2)
- Burner Modulates from Set Point Dial (TD-1)
- Temp. Controller Provides Stable Discharge Temp.
- Unit Starts and Stops from Remote Switch (SW-2)
- 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*
- Motor Starter (ST-1)
- Motor Amp Draw - 100% OA
- L1 _____ L2 _____ L3 _____
- Motor Amp Draw - Minimum 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 (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 - 100% OA _____ "wc
- VDC to Mod Gas Valve (V-5) - High Fire _____

CONTROL SETTINGS



- Low Temperature Limit (LTS-1)*
- Time - **3 Minutes** Temperature _____ °F
- Motor Overload _____ Amps
- 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
- Max Discharge Temp (TC-1) Series 44 _____ °F
- Min Discharge Temp (TC-1) Series 44 _____ °F
- Temp Dial (TD-1) Series 14 or 44 _____ °F
- Room Override Stat Setting (T-5)* _____ °F
- Time Clock Programmed (CLK-1)*
- Unocc Stat Setting (T-3)*
- Pressure Settings - Photohelic (P-5)
- High _____ "wc Low _____ "wc

Additional Comments or Notes:

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