



START-UP CHECK LIST

AMU 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.)**
- VDC to Mod Gas Valve (V-5) High Fire _____
 - VDC to Mod Gas Valve (V-5) High Fire _____
 - Low Speed (if 2^{spd}) _____
 - 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 -
 - L1 _____ L2 _____ L3 _____
 - Motor Amp Draw - Low Speed (if 2^{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^{spd}) _____ "wc

- 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)* _____ °F

Additional Comments or Notes:

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