



START-UP CHECK LIST

AMU Heat Recovery - Johnson Controls FX-07

MODEL TA _____
 JOB NAME _____
 JOB ADDRESS _____
 INSTALLING CONTRACTOR _____
 TECHNICIAN _____

SERIAL # _____
 DATE _____
 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^{spd}) _____
- Burner Modulates When Setpoint is Adjusted
- Accurate & Stable Discharge Temp. Control
- Unit Starts and Stops from Remote Switch (SW-2)
- Unit Starts and Stops from Time Clock*
- Unit Starts and Stops from Unocc Setpoint*
- Defrost damper (cell F&B) modulation from FX-07

 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 (Internal to Prog. Controller)
- 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 (Internal 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 _____ "wc
- Burner at High Fire (if 2^{spd}) _____ "wc

CONTROL SETTINGS



- Low Temperature Limit
- Time - **3 Minutes** Temperature _____ °F
- Motor Overload _____ Amps
- Inlet Duct Stat _____ °F
- High Temperature Limit (TL-1) **185°F**
- Low Gas Press Switch (P-2)* _____ "wc
- High Gas Press Switch (P-3) _____ "wc
- Temperature Control
- Defrost Setpoint (MUI-1) _____ °F
- Discharge Setpoint (MUI-1) _____ °F
- Room Override Stat Setting (MUI-1)* _____ °F
- Time Clock Programmed (Optional)
- Unocc Stat Setting (MUI-1)* _____ °F

Additional Comments or Notes:

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