



Pre Start Up Checklist



Full Startup

Partial Startup

Pre-start up Checklist

✓ **Item**

Flow switch is wired and installed at outlet of boiler

Low Water Cutoff is wired and installed above highest point of heat exchanger

System pressure is set to a minimum of 30 PSIG

Condensate trap is primed and filled, neutralizer medium is present

Horizontal section of vent is properly pitched

Drain Tee is installed on venting

Enable/Disable signal is wired to Remote Operator (if required)

DHW sensor or aquastat is wired to blue wire #81 and #82 contacts (if required)

System sensor is wired to the System Sensor contacts (if required)

Outdoor sensor wired to boiler, according to electrical diagram

Lead Lag wiring is present and polarity is correct (if required)

BMS wiring is present and polarity is correct (if required)

4-20mA/2-10Vdc wiring is present (if required)

Verify all electrical connections in the boiler are firmly engaged

Natural Gas

Inlet gas pressure to appliance is between 4.5" to 14" w.c.

Propane Gas

Inlet gas pressure is set to 11" w.c.

Gas line size to the appliance matches Part 3 in I&O for recommended gas pipe size Leak test on all gas connections

Venting

Induced draft motor and controls present

Draft system has been tested and Commissioned

START UP CAN ONLY BE PERFORMED WHEN ALL THE ABOVE IS CONFIRMED

IF STARTUP CAN NOT BE PERFORMED DUE TO INACCURATE INFORMATION ON PRE-STARTUP CHECKLIST, CUSTOMER WILL BE BILLED FOR THE FULL DAY FOR STARTUP SERVICES

I have reviewed and understand the IOM manual that has been furnished with Boiler(s) or have reviewed the IOM along with training videos using the MJD Combustion Sales, Inc. [mjdcombustion.com] Website Technical Tools Section prior to completing this pre-start check list and by signature below certify all installer requirements meet the IOM requirements while meeting local Code requirements. We suggest form is reviewed with installer, electrician and controls contractor for accuracy before returning to schedule startup.

Signature

Printed Name

Company Name

Date