

33" 80% AFUE Single Stage Gas Furnace Start Up Sheet
Proper furnace start up is critical to customer comfort and equipment longevity

Start-Up Date

Technician Performing Start-Up

Installing Contractor Name

Owner Information

Name

Address

City

State or Province

Zip or Postal Code

Equipment Data

Furnace Model

Furnace Serial

Evaporator Coil Model

Evaporator Coil Serial

Outdoor Unit Model

Outdoor Unit Serial

Furnace Configuration

Upflow Downflow Horizontal Left Horizontal Right

Filter, Thermostat, Accessories

Filter Type Filter Size Filter Location(s)

Thermostat Type Other System Equipment and Accessories

Connections -- All Per Installation Instructions and Local Code

Unit is level Gas piping is connected (including drip leg) Supply plenum and return air are connected
 Vent system is connected

Venting: B Vent

Vertical Termination Vent Pipe Size # of 90 Degree Ells # Of 45 Degree Ells Total Height
Connector Size Connector Length

Horizontal Term. (with External Power Vent) Vent Pipe Size # of 90 Degree Ells # Of 45 Degree Ells

Venting: Lined Masonry Chimney

B Vent Connector Single Wall Connector Connector Size Connector Length Chimney Height

of 90 Degree Ells # Of 45 Degree Ells

Venting system is the proper size, within the limitations of the chart in the installation instructions, properly connected to the furnace, and properly pitched

Other appliances in same common vent:

Water Heater	<input type="checkbox"/> BTUH Input <input type="text"/>	Fan Assisted? <input type="radio"/> Y <input type="radio"/> N
Furnace	<input type="checkbox"/> BTUH Input <input type="text"/>	Fan Assisted? <input type="radio"/> Y <input type="radio"/> N
Other	<input type="checkbox"/> BTUH Input <input type="text"/>	Fan Assisted? <input type="radio"/> Y <input type="radio"/> N

Electrical: Line Voltage

Polarity is correct (black is L1 (hot), white is N (neutral)) Ground wire is connected Line voltage to furnace (AC)

Electrical: Low Voltage

Thermostat wiring is complete Thermostat heat anticipator set to .45 (if present)

Low voltage value between "R" and "C" on furnace control board (volts AC)

Gas Side

Gas Type Natural Gas LP Gas (Requires LP conversion kit)

LP Gas Conversion Kit Part # Used LP Conversion Kit Installed By

Inlet Gas Pressure (in. w.c.) Manifold Gas Pressure (in. w.c.)

Calculated input in btuh - clock the gas meter (Nat Gas Only)

Burner flame inspected -- flames are blue and extending directly into the primary heat exchanger cells

Air Side: System External Static Pressure

Supply static **before** evaporator coil (in w.c.) Supply static **after** evaporator coil (in w.c.)

Return Static (in w.c.) **before** filter Return Static (in w.c.) **after** filter (furnace side)

Total External Static Pressure

Air Side: Heating

Blower Speed Selected (PSC) Red (Low) Yel (Med Low) Blue (Med High) Black (High)

Blower Speed Selected (Standard ECM) Red (Low) Yel (Med Low) Gray (Med) Blue (Med High) Black (High)

Blower Speed Selected Supply Air Dry Bulb Degrees F Temperature Drop Degrees F

Air Side: Cooling

Blower Speed Selected (PSC) Red (Low) Yel (Med Low) Blue (Med High) Black (High)

Blower Speed Selected (Standard ECM) Red (Low) Yel (Med Low) Gray (Med) Blue (Med High) Black (High)

Return Air Dry Bulb Degrees F Return Air Wet Bulb Degrees F Blower Performance Data Chart Cooling CFM

Supply Air Dry Bulb Degrees F Supply Air Wet Bulb Degrees F

Temperature Drop Degrees F Outside Air Dry Bulb Degrees F

Air Side: Continuous Fan

Blower Speed Selected (PSC) Red (Low) Yel (Med Low) Blue (Med High) Black (High)

Blower Speed Selected (Standard ECM) Red (Low) Yel (Med Low) Gray (Med) Blue (Med High) Black (High)

Cycle Test

Operate the furnace through several heating cycles from the thermostat, noting and correcting any problems

Operate the furnace through continuous fan cycles from the thermostat, noting and correcting any problems

Operate the furnace through cooling cycles (as applicable), noting and correcting any problems

Clean Up

Installation debris disposed of and furnace area cleaned up?

Owner Education

Give owner the owner's manual provided

Explain operation of system to equipment owner

Explain the importance of regular filter replacement and equipment maintenance

Explain thermostat use and programming (if applicable) to owner

Additional Job Detail