Light Duty Power Vent Commercial Installation Checklist

Important - Read the Installation and Operation Manual before installing and operating this water heater.

□ **Product Handling -** Carefully uncrate the water heater. Move the water heater in place with a hand truck. This water heater **MUST** be installed indoors out of the wind and weather. This water heater is **NOT** design certified for installation in a mobile home. See the Installation and Operation Manual for specific details.

□ **Electrical Requirements -** Make sure there is a dedicated (120V) line voltage and that the polarity is correct. Proper grounding is required for this water heater. All electrical wiring and connections must be in accordance with local codes, the National Electric Code (NFPA-70 – latest edition) or in Canada the Canadian Electrical Code (CSA C22.1 – latest edition).

□ **Gas Requirements -** The minimum permissible gas supply pressure for the purpose of input adjustment is (1.0 inch WC) *(0.25kPa)* above the operating manifold pressure. The maximum permissible gas supply pressure is (14.0 inch WC) *(3.5 kPa)* for natural gas and liquefied petroleum gases/propane gas. See the rating plate and gas valve for the manifold pressure and gas type. The gas supply lines must meet all requirements of the National Fuel Gas Code (NFPA-54/ANSI Z223.1 - latest edition). In Canada comply with the Natural Gas and Propane Installation Code (CAN/CGA B149.1-00 - latest edition).

- **Record the Rating Plate Manifold Pressure: _____**
- **Record the Rating Plate Gas Type: _____**
- **Record the Measured Gas Pressure: _____**

□ **Venting Requirements -** This is a power vent gas water heater. This water heater is designed to vent the products of combustion through (3 inch) *(7.62 cm)* or (4 inch) *(10.2 cm)* diameter vent pipe. The water heater may be vented horizontally through a wall or vertically through the roof. See the Installation and Operation Manual for the minimum and maximum vent lengths tables. The venting system must be installed properly following all local codes. In the absence of local codes the ventilation system must be installed in compliance with the the National Fuel Gas Code (NFPA-54/ANSI Z223.1 - latest edition). In Canada comply with the Natural Gas and Propane Installation Code (CAN/CGA B149.1-00 latest edition). Failure to properly install the venting system could result in property damage, personal injury, or death.

- **Circle the Installation Venting Method Used :** Through the Wall Through the Roof
- **Record the Number of Elbows Used:_____**
- **Record the Vent Pipe Diameter: _____**
- **Record the Vent Pipe Length: _____**

□ **Service / Mechanical Room -** Provide adequate space for servicing the water heater. See the Installation and Operation Manual for specific details. A minimum of (18.0 inch) (*45.7 cm)* overhead room is required to remove the anode rods for servicing.

□ **Combustion Air Supply -** Provide an adequate air supply for combustion and ventilation. An insufficient supply of air will cause recirculation of combustion products resulting in contamination that may be hazardous to life. **The flow of combustion and ventilating air must not be obstructed**. See the Installation and Operation Manual for specific details.

For more detailed information, read the Installation and Operation Manual provided with this water heater. Also consult local, NFGC and NEC codes.

Questions? Contact Bradford White Technical Service at (800) 334-3393.

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