

Job: _____
 Engineer: _____
 Contractor: _____
 Prepared By: _____ Date: _____
 Model: _____

Instant-Pak® Commercial Tankless Water Heaters Models NH-188 & NH-208

High Efficiency

Stepless modulating, 16:1 Near condensing design (.82 Energy Factor) meets or exceeds Energy Star Standards.

Low Emissions

Low NOx design meets latest Green Legislation for 2012 in North America.

Commercial Duty

Instant-Pak can generate 185°F (85 °C) temp hot water on demand without modification.

Electronic Ignition

Direct Spark Ignition

Compact, Lightweight Design

Mounts easily onto walls without heavy bracing.

Easy to Plumb, Easy to Service

Concentric Vent connection on top for indoor unit. Inlet and outlet water piping, gas connections and wiring at bottom. Remote Control (included) mounts easily for convenient access.

Safe Operation

Sealed combustion chamber runs cool and sensors shut down the tankless heater in the event of a fault.

Electronic Thermostat with Diagnostics

Electronic solid state thermostatic control operates the heater in the most energy efficient manner. Faults are displayed on the supplied Remote's three digit display and specific LEDs.



Heat Exchanger

- Finned Copper Tube
- Nine Pass Heat Exchanger
- All Non-Ferrous Waterways

Energy Factor

Model	E.F.
NH-188	.82
NH-208	.82

Controls

- 120V, 60Hz, 1φ Power Supply
- Electronic, Direct Spark Ignition (DSI)
- 100% Flame Monitor Shut-off/Lockout
- High Limit Control
- Operating Limit Control
- Guardian OFW™ Heat Exchanger
- Overtemp Breach Protection
- Water Pressure Based Activation Switch
- Electronic Flame Monitoring Based Blocked Flue Sensor

Venting Options

- UL 1738 Approved Stainless Steel Vent
- 3" x 5" (80 x 125mm) Concentric Vent
- Horizontal or Vertical Vent Termination

Gas Control Train

- Natural Gas or Propane
- 16:1 Modulation
- Manual Gas Shut-Off Valve
- Redundant Valve Feature

Construction

- Indoor and Outdoor Construction
- Remote Control Included
- 120 VAC, Pre-wired Power Cord
- Appliance Grade Finish

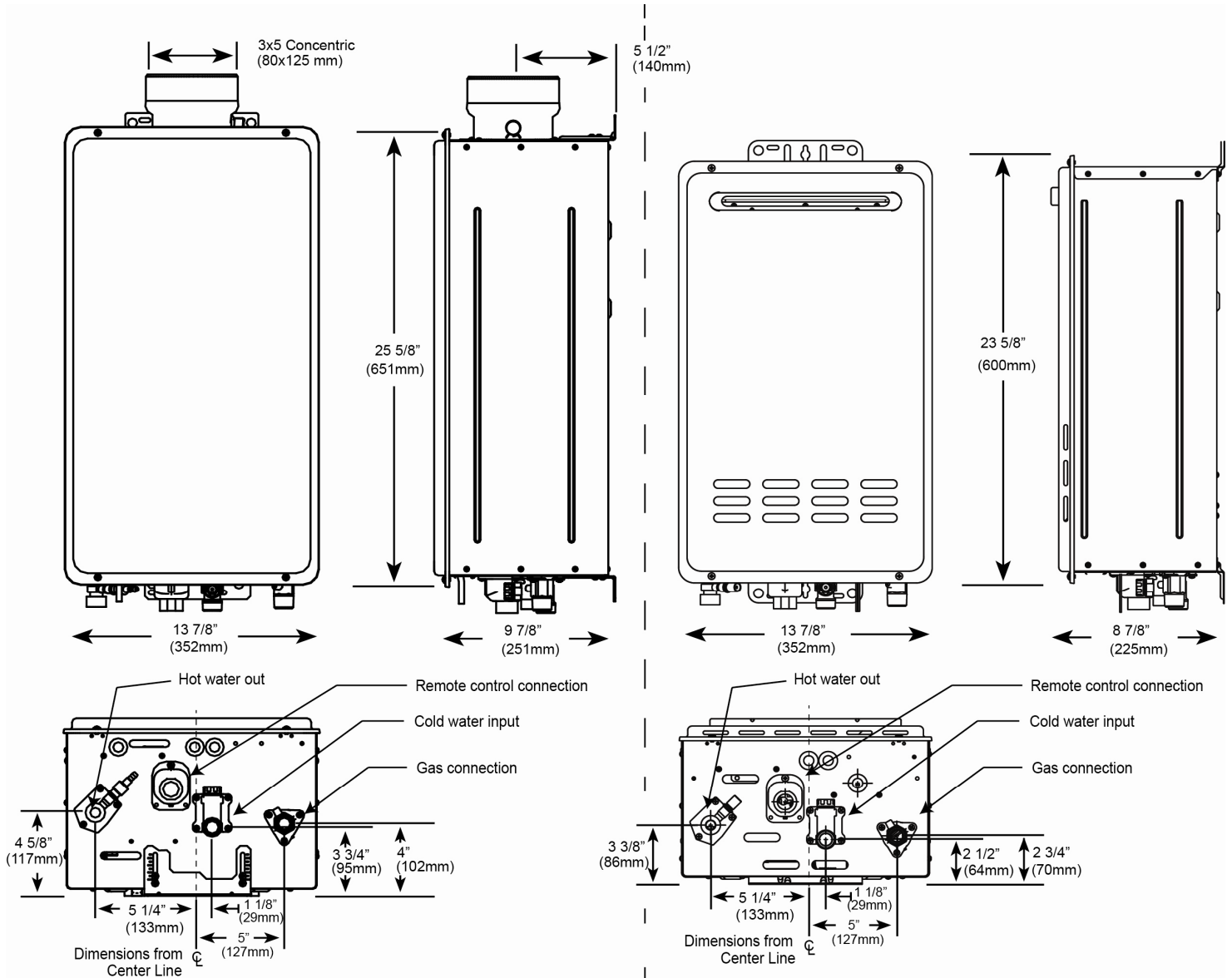


Raypak Instant-Pak Commercial Near Condensing Tankless Water Heater

Model _____

Indoor Models: NH-188DV and NH-208DV

Outdoor Models; NH-188X and NH-208X



Model	Input MBTUH (Kw)	Piping Connections		Concentric Vent Diameter	Approx. Shipping Weight lbs (Kg)	Clearances from Combustibles			
		Water NPT (mm)	Gas NPT (mm)			Front (mm)	Other Sides (mm)	Top (mm)	Flue Vent (mm)
NH-188 (X & DV)	180 (52.7)	3/4" (N/A)	3/4" (N/A)	3" X 5" 80mm X 125mm (DV Only)	54 (24.5)	12" (300)	1" (25)	12" (300)	0" (0)
NH-208 (X & DV)	199 (58.3)	3/4" (N/A)	3/4" (N/A)	3" X 5" 80mm X 125mm (DV Only)	54 (24.5)	12" (300)	1" (25)	12" (300)	0" (0)

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