

Job: _____
 Engineer: _____
 Contractor: _____
 Prepared By: _____ Date: _____
 Model: _____ Indoor/Outdoor

84 Professional ASME

Gas Pool Heaters
 Models BR-259 and BR-409

- ▶ **84% Efficiency**
- ▶ **ASME Code Bronze Header**
- ▶ **ASME Code Cupro-Nickel Fin Tube**
- ▶ **125 lb. Pressure Relief Valve**
- ▶ **Small Footprint**
- ▶ **Direct Vent Capable**
- ▶ **Internal Bypass for High Flow Rates (up to 125 gpm)**
- ▶ **Indoor/Outdoor**
- ▶ **3 Years Parts and Labor Limited Warranty** – see warranty for details



84 Professional Shown with outdoor top

Heat Exchanger

- ASME Inspected and Stamped 160 PSIG
- National Board Approved
- Bronze Header
- Dual Thread Inlet/Outlet Header NPT Inside and Buttruss Thread OD
- Finned Tubing Cupro-Nickel – Standard
- ASME Stainless Steel Tube Sheet
- Silicone O-Rings
- 125 PSIG Pressure Relief Valve mounted
- T&P Gauge-mounted
- Water Connections
 - Right Hand – Standard
 - Left Hand – Field Change
 - Flow Through Right – Field Change
 - Flow Through Left – Field Change
- Flow Configuration – single-pass

Controls

- 115/230V, 60Hz, 1 Ph Power Supply
- 115/230/24V Transformer
- 100% Pilot Shut-off
- Electronic, Intermittent Direct Spark Ignition
- High Limit Control
- On/Off Switch
- Air Vent Switch
- Water Flow Switch-mounted
- Dual Electronic Temp Sensor
- Digital Display With Diagnostics

Gas Control Train

- Natural Gas
- Combination Control Valve
- On/Off Firing
- ANSI Z21.56 Design Certified
- Fuel Type
 - Natural Gas
 - Propane Gas
- Low Nox

Construction

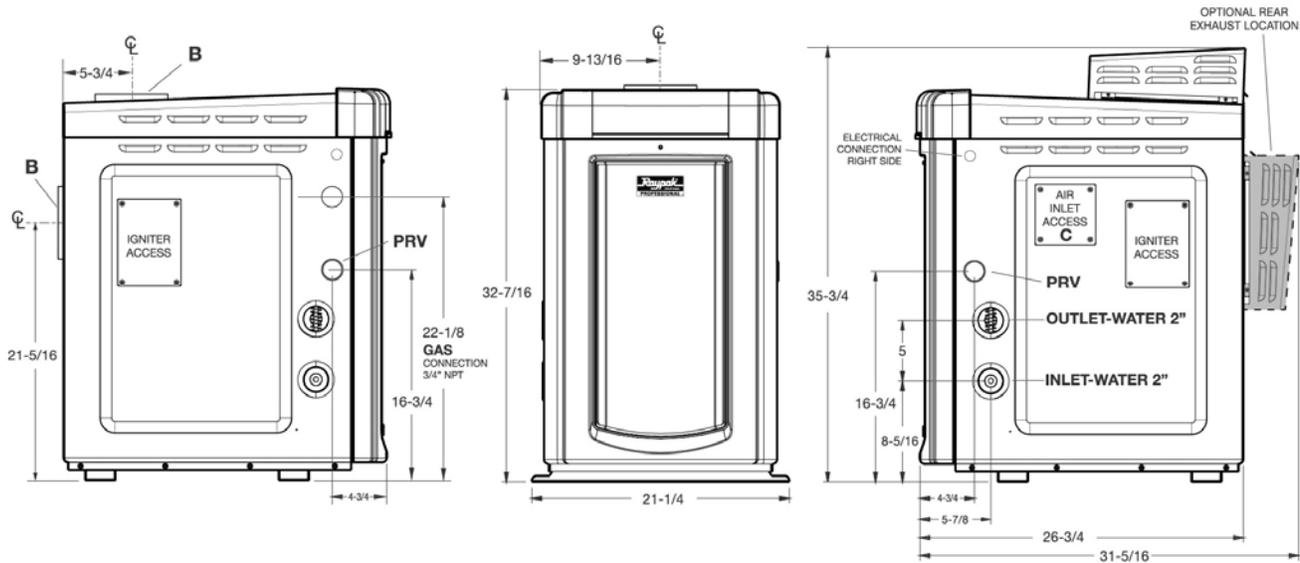
- Front Controls
- Stainless Steel Burners
- Polytuf Powder Coat Finish
- Indoor/Outdoor
- Vent Selection
 - Outdoor Stackless Top – Standard Top Mount
 - Outdoor Stackless Top – Field Installed Rear Mount
 - Direct Vent – Field Installed
- Can be installed on combustible surfaces



Raypak®
 A Rheem® Company

84 Professional ASME Gas Pool Heaters

Model _____



Heater Model	MTUH Input	Dimensions (in.)				Shipping Weights (lbs)
		Flue Diameter (B)	Air Inlet (C)	Minimum Flow (gpm)	Maximum Flow (gpm)	With Stackless Top
BR-259	250.0	6"	4"	25	125	168
BR-409	399.0	6"	4"	40	125	180

Notes:

1. The model number prefix indicates: (B=Bronze header), (R=Raypak) Model number suffix indicates: pilot type (E = digital) and fuel type (P = propane, N = natural gas) fin tubing (X=Cupro-Nickel, C= Copper). Example: Model number BR-409-EN-X indicates a unit with digital (IID) ignition using natural gas with bronze headers and cupro-nickel tubes.
2. Ratings are for natural gas and elevations up to 2,000 feet above sea level. For elevations over 2,000 feet, consult the factory.
3. Flue gases must be properly vented with 6" CAT I vertical venting or CAT III horizontal venting. Non-metallic venting not acceptable. Inlet air can be ducted with 4" metal or PVC pipe-See I/O manual for complete venting details.