

Job: \_\_\_\_\_  
 Engineer: \_\_\_\_\_  
 Contractor: \_\_\_\_\_  
 Prepared By: \_\_\_\_\_ Date: \_\_\_\_\_  
 Model: \_\_\_\_\_ Indoor/Outdoor

# Digital Professional ASME Atmospheric

Gas Pool Heaters

Models BR-268A and BR-408A

- ▶ **82% Efficiency**
- ▶ **ASME Code Bronze Headers**
- ▶ **ASME Code Cupro-Nickle Fin Tube**
- ▶ **125 lb. Pressure Relief Valve**
- ▶ **Small Footprint**
- ▶ **Unitherm Governor Anti-Condensation Control**
- ▶ **Internal Bypass for High Flow Rates (up to 125 gpm)**
- ▶ **Indoor/Outdoor**
- ▶ **3 Year Parts and Labor Limited Warranty**  
**5 Years Parts on the Heat Exchanger**– See warranty for details



Professional model with outdoor top shown

### Heat Exchanger

- ASME Inspected and Stamped  
160 PSIG
- National Board Approved
- Bronze Headers
- Finned Tubing  
Cupro Nickel – Standard
- ASME Steel Tube Sheet
- Silicone O-Rings
- 125 PSIG Pressure Relief Valve
- T&P Gauge
- Water Connections
  - Right Hand – Standard
  - Left Hand – Field Change
- Flow Configuration – Two-pass

### Controls

- Digital
  - 115/230V, 60Hz, 1 Ph Power Supply
  - 115/230/24V Transformer
  - 100% Pilot Shut-off; Lockout – Propane units only
  - Electronic, Intermittent Ignition Pilot (IID)
  - High Limit Control
  - On/Off Switch
  - Flame Rollout Switch
  - Water Flow Switch
  - Dual Electronic Temp Sensor
  - Digital Display With Diagnostics

### Gas Control Train

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

### Construction

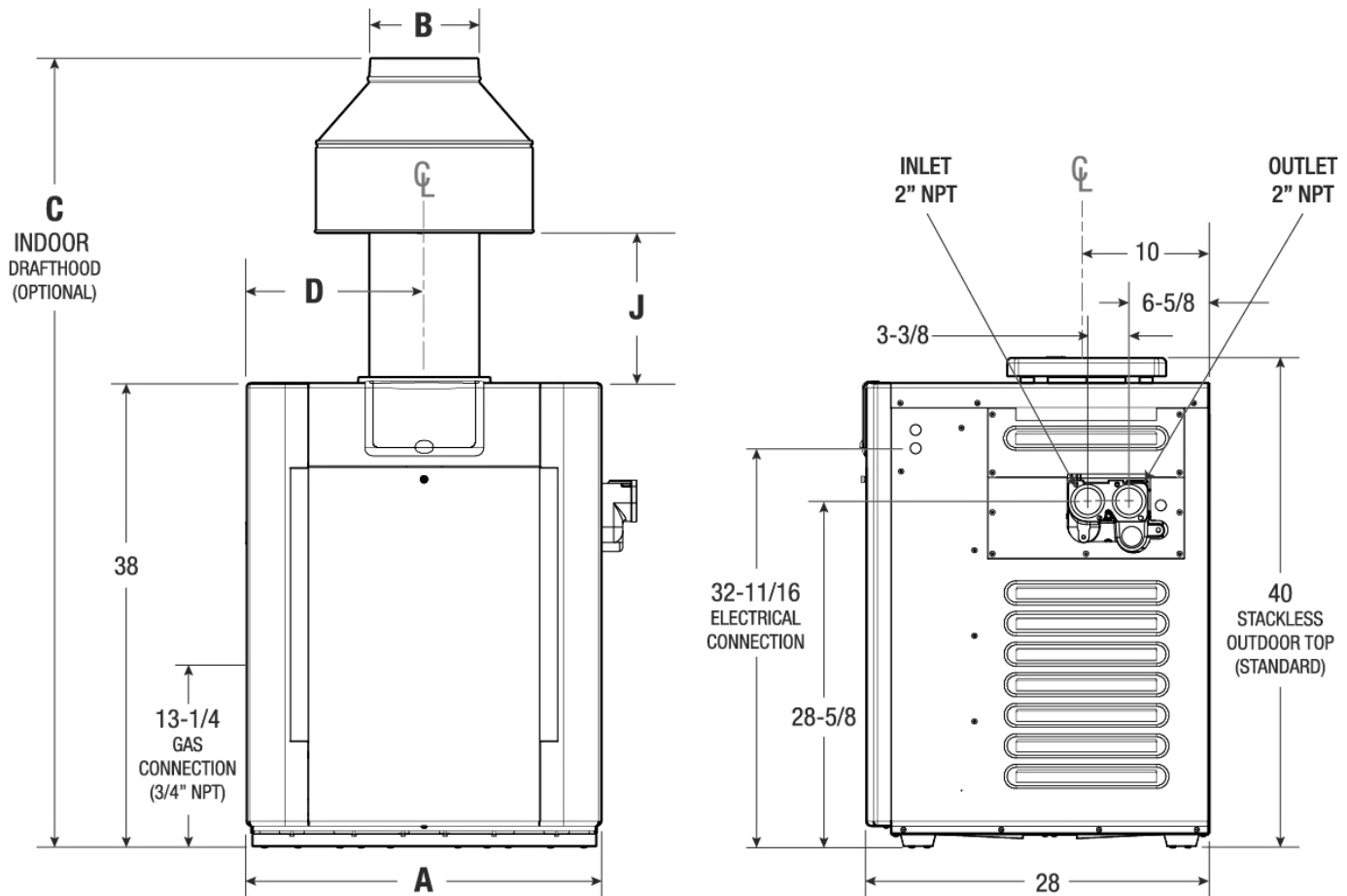
- Front Controls
- Stainless Steel Burners
- Polyuf Powder Coat Finish
- Indoor/Outdoor
- Vent Selection
  - Outdoor Stackless Top – Standard
  - Indoor Draft Diverter, Loose – Optional
  - D-2 Power Vent, Loose – Optional
- Can be installed on combustible surface



**Raypak®**  
A Rheem® Company

# Digital Professional ASME Atmospheric Gas Pool Heaters

Model \_\_\_\_\_



Heater Model	MBTUH Input	Dimensions (in.)					Shipping Weights (lbs)	
		Cabinet Width (A)	Flue Dia. (B)	Indoor Drafthood (C)	(D)	(J)	Heater with Stackless Top	Indoor Drafthood
BR-268A	266.0	23	7	62	11-1/2	11	229	15
BR-408A	399.0	29	9	64-1/2	12-1/8	12-1/8	268	20

**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-408A-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. Reduce input 4% for each 1,000 feet above sea level when installed at over 2,000 feet elevation.