

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

Digital Professional ASME Atmospheric Gas Pool Heaters

Models B-R268A & B-R408A

- ▶ 82% Efficiency
- ▶ ASME Bronze headers
- ▶ ASME Cupronickel fin tube
- ▶ 75 lb. Pressure relief valve
- ▶ Small footprint
- ▶ Unitherm Governor anti-condensation control
- ▶ Indoor/outdoor
- ▶ 3-Year parts & labor / 5-year heat exchanger warranty



Shown with outdoor top
 Proudly Assembled in the USA

Heat Exchanger

- ASME HLW Stamped; 100 PSIG MAWP
- National Board listed
- Bronze headers
- Cupronickel finned tubing
- ASME steel tube sheet
- Silicone O-rings
- Pressure relief valve
 - 75 PSIG (standard)
 - A-15 125 PSIG (optional, shipped loose)
- T&P Gauge
- Water connections
 - Right hand (standard)
 - Left hand (field change)
- Flow configuration (two-pass)

Controls

- 115/230V, 60Hz, 1 Ph power supply
- 115/230/24V transformer
- 100% Pilot shut-off; lockout (propane units only)
- Electronic, intermittent ignition pilot (IID)
- Fixed high limit, manual reset, 160°F
- Fixed high limit, auto reset, 135°F
- On/Off switch
- Flame rollout switch
- Water flow switch
- Dual electronic temp sensor
- Digital display with diagnostics

Gas control train

- Fuel
 - Natural gas
 - Propane (minimum grade HD-5)
- Combination control valve
- On/off firing
- ANSI Z21.56 Design certified

Construction

- Front controls
- Stainless steel burners
- Polytuf powder coat finish
- Indoor/outdoor
- Can be installed on combustible surface

Venting

- Outdoor stackless top (standard)
- D-2 Power vent indoor, loose
- D-10 Residential indoor drafthood
- D-13 Residential high wind top

Other options

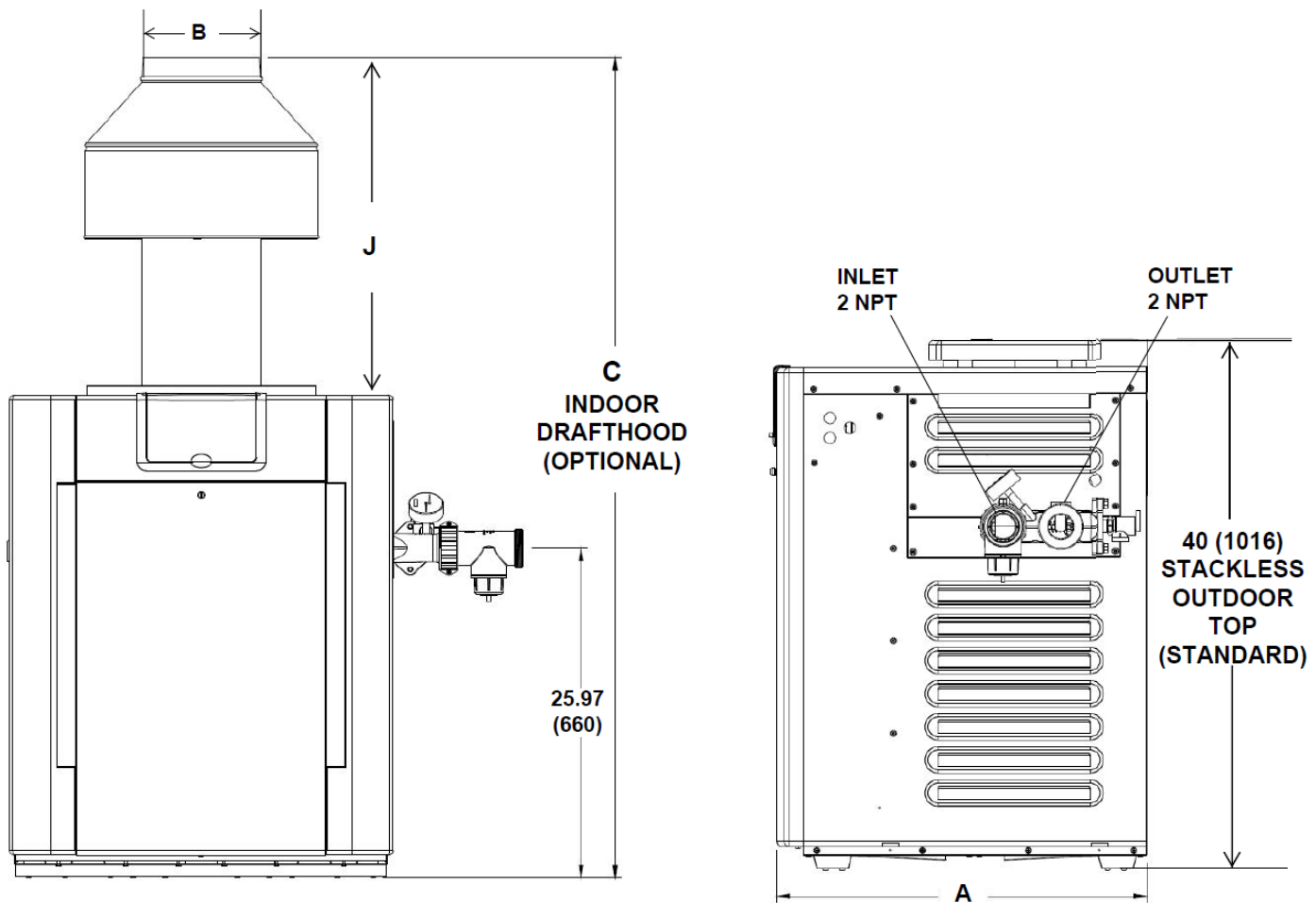
- PoolStat cover/lock kit
- X-10 Restraint bracket (Florida code requirement)
- Hose adapter (model 406 only)



Digital Professional ASME Atmospheric

Gas pool heaters

Model _____



Model	MBTUH (kW) Input	Dimensions in. (mm)					Shipping Weight lbs. (kg)	
		Cabinet Width (A)	Indoor Draft Hood Flue Dia. (B)	Indoor Draft Hood (C)	(D)	Indoor Draft Hood Height (J)	With Stackless Top	With Indoor Draft Hood
B-R268A	266 (78)	23 (584)	7 (178)	62 (1575)	11-1/2 (292)	11 (280)	229 (104)	15 (7)
B-R408A	399 (117)	29 (737)	9 (229)	64-1/2 (1638)	12-1/8 (308)	12-1/8 (308)	268 (122)	20 (9)

Notes:

- 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 B-R408A-EN-X indicates a unit with digital (IID) ignition using natural gas with bronze headers and cupro-nickel tubes.
- 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.