



**Product Submittal for ASME  
Digital Atmospheric  
Gas Pool Heaters  
Models: B-R206A-B-R406A**

Job: \_\_\_\_\_ Date: \_\_\_\_\_  
Engineer: \_\_\_\_\_ Model: \_\_\_\_\_  
Contractor: \_\_\_\_\_ Indoor ☐ Outdoor ☐  
Prepared by: \_\_\_\_\_

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- o 82% Efficiency
- o ASME Code bronze headers
- o ASME Code copper-fin tube
- o 75 lb. Pressure relief valve
- o Small footprint
- o Unitherm governor anti-condensation control
- o Indoor/outdoor
- o Proudly assembled in the USA





## Product Submittal for ASME Digital/Atmospheric

Job: \_\_\_\_\_

### Heat exchanger

- ASME HLW-stamped; 100 PSIG MAWP
- National Board registered
- Bronze headers
- Finned tubing
  - ☐ Copper (standard)
  - ☐ Cupronickel
- ASME Steel tube sheet
- Silicone O-rings
- Fixed high limit, auto-reset, 160°F
- Fixed high limit, manual-reset, 135°F
- 75 PSIG Pressure relief valve
- Water connections
  - ☐ Right-hand (standard)
  - ☐ Left-hand (optional-field change)
- Flow configuration (two-pass)

- 120/240V, 60Hz, 1 Ph power supply
- 120/240/24V Transformer
- 100% Pilot shut-off; lockout (propane only)
- Electronic, intermittent ignition pilot (IID)
- High limit control
- On/off switch
- Flame rollout switch
- Water pressure switch
- Dual electronic temp sensor
- Digital display with diagnostics

### Gas control train

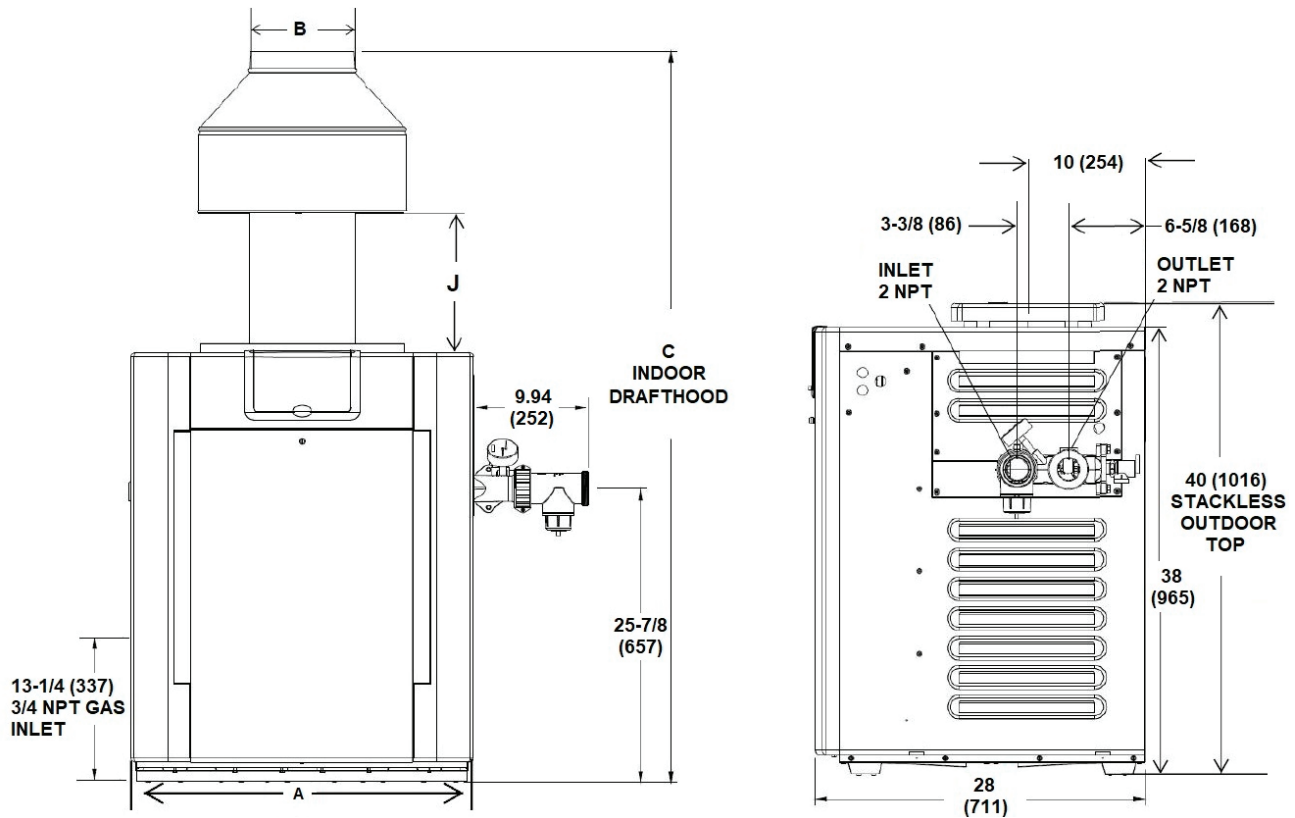
- Fuel
  - ☐ Natural gas
  - ☐ Propane (minimum grade HD-5)
- Combination control valve
- On/off firing

### Construction

- Front controls
- ANSI Z21.56 design certified
- Stainless steel burners
- Polytuf powder coat finish
- Indoor/outdoor
- Can be installed on combustible surface
- Venting
  - ☐ Outdoor stackless top (included)
  - ☐ D-2 Power vent indoor, loose (see 1000.70)
  - ☐ D-10 Indoor draft diverter, loose (optional)
  - ☐ D-13 High wind top (optional, outdoor)
  - ☐ Outdoor high wind stack (optional)

### Other options

- ☐ PoolStat cover/lock kit
- ☐ X-10 Restraint bracket (Florida code requirement)



| Heater Model | MBTUH (kWh) Input | Dimensions in. (mm) |               |                       |                         | Shipping Weights lbs. (kg) |                   |
|--------------|-------------------|---------------------|---------------|-----------------------|-------------------------|----------------------------|-------------------|
|              |                   | Cabinet Width (A)   | Flue Dia. (B) | Indoor Draft Hood (C) | Draft Relief Height (J) | Heater with Stackless Top  | Indoor Draft Hood |
| B-R206A      | 199.5<br>(58.47)  | 20<br>(508)         | 6<br>(152)    | 61.63<br>(1565)       | 11.75<br>(298)          | 212<br>(96.16)             | 14<br>(6.35)      |
| B-R266A      | 266.0<br>(77.96)  | 23<br>(584)         | 7<br>(178)    | 62<br>(1575)          | 11<br>(279)             | 235<br>(106.59)            | 16<br>(7.26)      |
| B-R336A      | 332.5<br>(97.45)  | 26<br>(660)         | 8<br>(203)    | 63<br>(1600)          | 10.63<br>(270)          | 250<br>(113.39)            | 19<br>(8.62)      |
| B-R406A      | 399.0<br>(117)    | 29<br>(736)         | 9<br>(229)    | 64.5<br>(1638)        | 12.13<br>(308)          | 269<br>(122)               | 21<br>(9.52)      |

**NOTES:**

- Model number suffix indicates pilot type (E = digital), fuel type (P = propane, N = natural gas) and tube material (C = copper, X = cupronickel). Example: Model number B-R406A-EN-C indicates a unit with digital (IID) ignition using natural gas with copper 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.