

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

ASME Digital/Millivolt Atmospheric Gas Pool Heaters

Models B-R206A – B-R406A

- ▶ **82% Efficiency**
- ▶ **ASME Code Bronze Headers**
- ▶ **ASME Code Copper-Fin Tube**
- ▶ **75 lb. Pressure Relief Valve**
- ▶ **Small Footprint**
- ▶ **Unitherm Governor Anti-Condensation Control**
- ▶ **Indoor/Outdoor**



Digital model with outdoor top shown



Proudly Assembled in the USA

Heat exchanger

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

Controls

- Millivolt option
 - Standing pilot ignition
 - Thermopile generator
 - Single mechanical temperature control
 - Flame rollout switch
 - High limit control
 - On/off switch
 - Water pressure switch
- Digital option
 - 115/230V, 60Hz, 1 Ph Power supply
 - 115/230/24V 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
- ANSI Z21.56 Design certified

Construction

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

Venting

- Outdoor stackless top (standard)
- Indoor draft diverter, loose (optional)
- D-2 Power vent indoor, loose (optional for digital models)

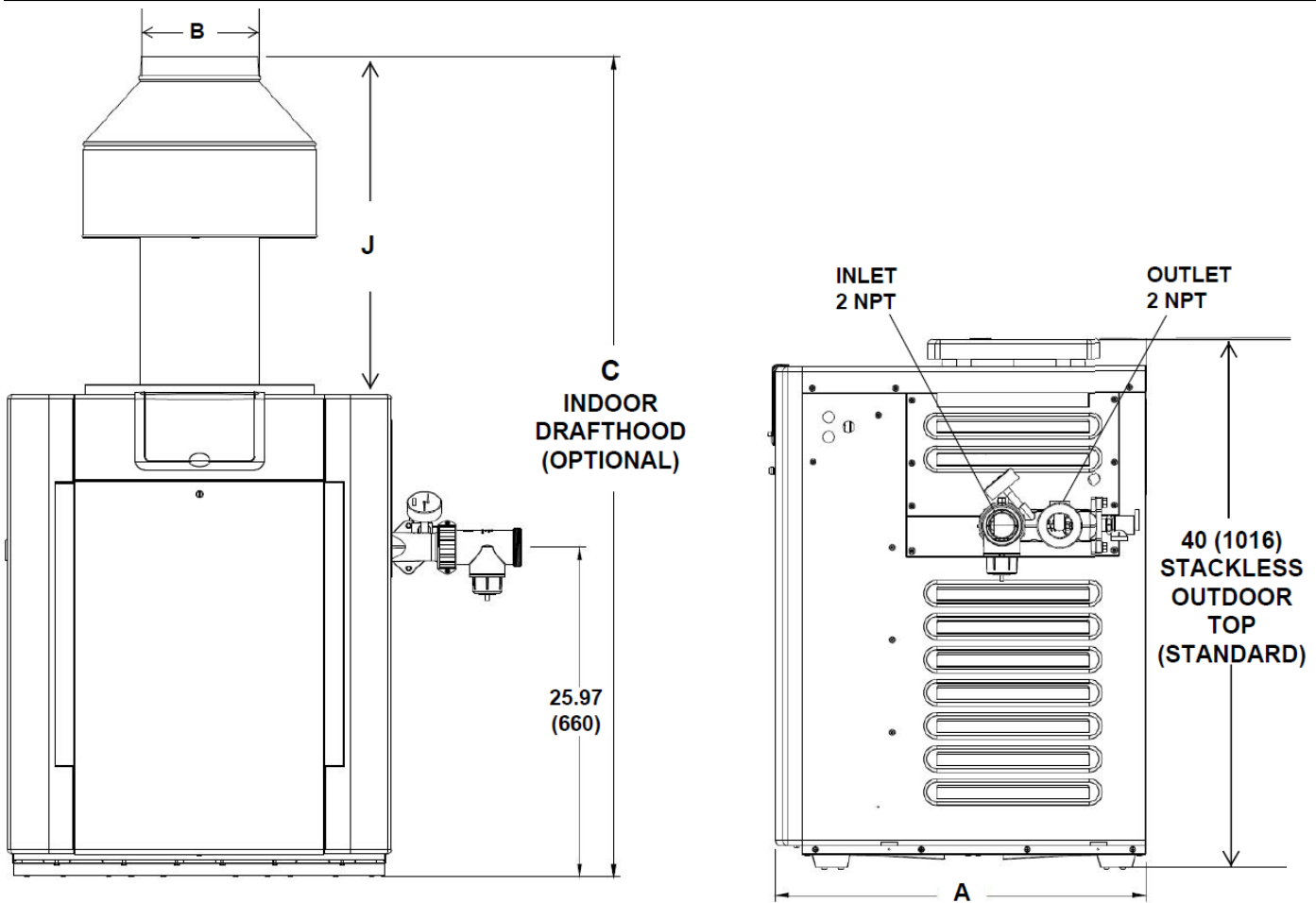
Other options

- F-2 Flow switch with T&P gauge
 - MPT connection
 - Flanged connection
- PoolStat cover/lock kit
- X-10 Restraint bracket (Florida code requirement)
- Hose adapter (model 406 only)



ASME Digital/Millivolt Atmospheric Gas Pool Heaters

Model _____



Heater Model	MBTUH (kW) Input	Dimensions in. (mm)						Shipping Weights lbs. (kg)	
		Cabinet Width (A)	Flue Dia. (B)	Indoor Draft Hood (C)	Draft Relief Height (J)	Gas Conn.	Water Conn.	Heater with Stackless Top	Indoor Draft Hood
B-R206A	199.5 (58.47)	20 (508)	6 (152)	61.63 (1565)	11.75 (298)	3/4 (19)	2 (51)	212 (96.17)	14 (6.35)
B-R266A	266.0 (77.96)	23 (584)	7 (178)	62 (1575)	11 (279)	3/4 (19)	2 (51)	235 (106.58)	16 (7.26)
B-R336A	332.5 (97.45)	26 (660)	8 (203)	63 (1600)	10.63 (270)	3/4 (19)	2 (51)	250 (113.38)	19 (8.62)

Notes:

1. Model number suffix indicates pilot type (E = digital, M = millivolt), 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.
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.

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