



**Product Submittal for Digital Professional X94
Condensing Gas Pool Heater
Model SR-410**

Date: _____ Job: _____ Location: _____
Equipment Tags: _____ Engineer: _____ Contractor: _____
Model: _____ Notes: _____
Prepared by: _____ Indoor Outdoor Gas Type: Natural Gas Propane

94% Efficiency

ASME code stainless steel marine-grade heat exchanger

75 lb. pressure relief valve

Small footprint

External bypass for high flow rates (up to 125 gpm)

Indoor/outdoor

3 Year parts and labor limited warranty

Proudly assembled in the USA





Features and Options

Heat Exchanger and Water Connections

- ASME inspected and stamped 80 PSIG
- National board registered
- PVC slip inlet/outlet connection
- 75 PSIG pressure relief valve
- T&P gauge
- Water connections (field-selected)
 - Right-hand – standard
 - Left-hand
 - Flow-through-right
 - Flow-through-left
- Flow configuration – 4-pass

Gas Control Train

- Natural gas
- Propane gas (minimum grade HD-5)
- Combination control valve
- Air-fuel ratio combustion system
- ANSI Z21.56 design certified
- Low NOx

Controls

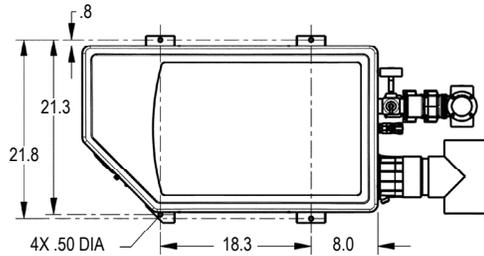
Digital

- 120VAC 60Hz 1 Ph power supply
- 120/24V Transformer
- Electronic, intermittent direct spark ignition (DSI)
- High limit control
- On/off switch
- Blocked vent switch
- Water flow switch-mounted
- Dual electronic temp sensor
- Digital display with diagnostics
- 7-Day time clock
- Pump and 3-way valve controls
- PWM fan speed control
- Rheem EcoNet communications enabled
- Condensate drain, PVC
 - Condensate Neutralizer (option Z-12)

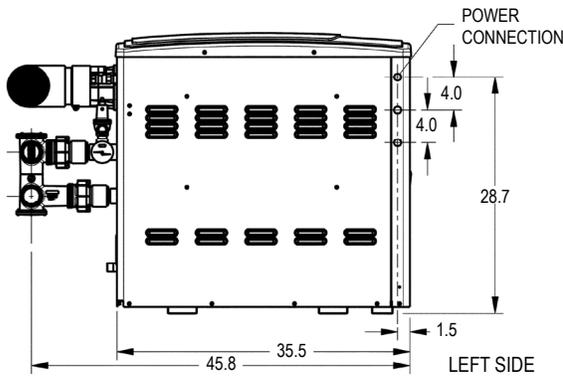
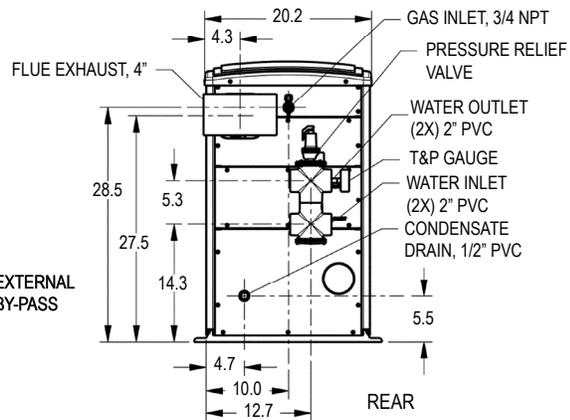
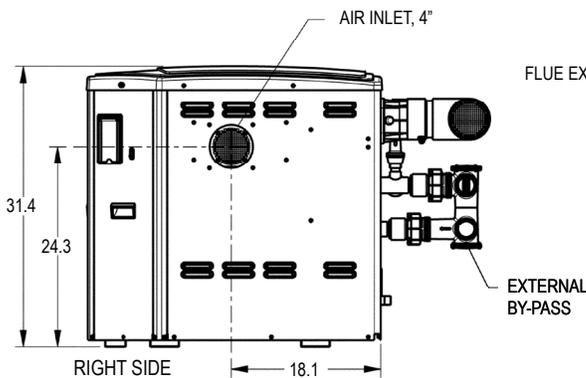
Construction

- Metal fiber burner
- Polytuf powder-coat finish
- Indoor/outdoor
- Stainless steel base and internal parts
- Vent selection
 - Outdoor stackless top
field-installed rear mount
 - Direct vent – field-installed
- Can be installed on combustible surface (not carpeting)
- Cat IV venting by others
 - PVC, CPVC, dura-vent polypro, or stainless steel

Job: _____



[DIMENSIONS ARE IN INCHES]



| MBTUH (kWh) | Flow GPM (L/min.) | | Approx. Shipping Weight lbs. (kg) | Amp Draw at 120VAC |
|----------------|----------------------|--------------|---|--------------------------|
| | Min. | Max. | | |
| 399.0 (116) | 40 (151) | 125 (473) | 300 (136) | 5 |

Notes:

1. The model number prefix indicates: (S=Stainless Steel heat exchanger), (R=Raypak) Model number suffix indicates: pilot type (E = digital) and fuel type (P = propane, N = natural gas). Example: Model number SR-410-EN indicates a unit with direct spark (DSI) ignition using natural gas with stainless heat exchanger.
2. Ratings are for natural gas and elevations up to 4,500 feet above sea level. For elevations over 4,500 feet, consult the factory.
3. Flue gases must be properly vented with 4" cat IV venting material. Inlet air can be ducted with 4" metal or PVC pipe – see Installation Manual (P/N: 241494) for complete venting details. This manual can be found in the document library at www.raypak.com