SEISCO
Endless Hot Water

Model SH-14-208

Two-Chamber Tankless Electric Heat Source

Description: The SH-14-208 is designed for use in residential and commercial applications for hydronic space heating and potable water heating. It is ideal for radiant floor heating, baseboard, hydro-heat pump and snow melting systems. With optional equipment, it can be used as a single heat source in combination systems for potable hot water and radiant heating. This on-demand tankless water heater is a powerful replacement for traditional tank-type heaters and is the enabling technology for use as backup to active renewable energy systems such as solar and geothermal water heating systems. The temperature activated control works effectively in re-circulating systems and in combination with tank-type heaters.
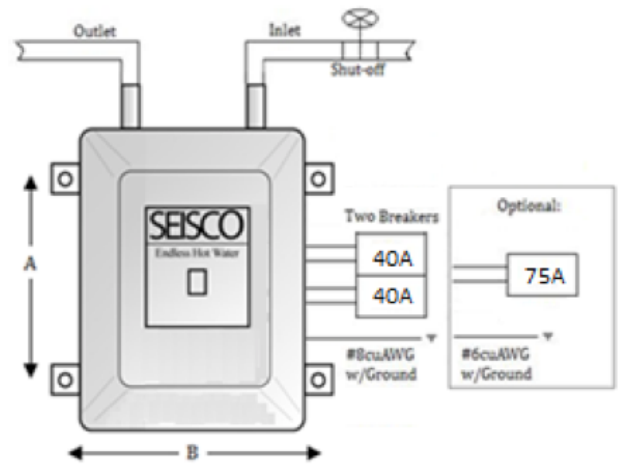
Features:
- UL 834 Listed for Space Heating Applications
- Heats fluid mixtures including ethylene glycol
- No minimum flow required for activation
- Built-in DSM Utility Integration option
- Compatible with Home Energy Management
- Very small & compact with no moving parts
- Lightweight modular construction
- Standard 3/4 inch plumbing connections with no flow restrictions
- Compatible with all plumbing designs including recirculating, tubing and manifold systems
- Microprocessor digital control
- Power sharing power control technology
- Heats continuously and only when needed
- Self-diagnostics with redundant safety devices
- High performance DuPont polymer nylon chamber material
- Built-in leak detection and alarm
- Rust & corrosion resistant

Specifications:
Heat Output (max.): **47,780 BTU**
Power Rating (max.): **14KW**
Voltage Rating (Nominal): **208 VAC**
Current Rating (max.): **67.4 AMPS**
Panel Load Factor (40%): **27 AMPS**
Energy Factor: **0.99+**
Heating Elements: **7000 watts x 2**
Circuits Required: **2 ea. 2-wire w/ ground (#8cuAWG)**
Breakers Required: **Two (2), double-pole**
Breaker Size: **40 AMPS each x 2 (Optional 75 x1)[1]**
Temp. Output (dial): **90F to 130F (32C - 52C)[2]**

[1] Install included jumpers on control board for this option and use 1 ea. 2-wire circuits w/ground #6cuAWG

[2] Factory set to 120°F – Custom temperatures to 160°F by special order.

Flow Ratings:

Rise (°F) @ Flow (GPM)
95°F @ 1.0 GPM
64°F @ 1.5 GPM
48°F @ 2.0 GPM
38°F @ 2.5 GPM

Rise (°C) @ Flow (LPM)
50°C @ 4 LPM
33°C @ 6 LPM
25°C @ 8 LPM
20°C @ 10 LPM

Mounting Holes:
A: 14 ¾" (362mm)
B: 10 $\frac{7}{8}$" (276mm)

Dimensions:
Weight: 15 lbs. (7.0 kg)
Height: 15 ¾" (400mm)
Width: 10 ¼" (260mm)
Depth: 6 ¼" (159mm)
Fittings: ¾" (200mm)

Approvals:
UL CSA NSF HUD NEC