Model RA-05

Two-Chamber Tankless Electric Water Heater

Description: The RA-05 is excellent for specialized applications such as coffee bars, office and warehouse wash sinks and lavatory faucets. Applications in RVs and small mobile homes and as a supplement to existing tank heaters. The temperature activated control works effectively in re-circulating systems and in combination with tank-type heaters. Requires one 30AMP, 240VAC electrical circuit.

Features:

- UL 499 Listed for Water Heating Applications
- 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.): 17,060 BTU
Power Rating (max.): 5KW
Voltage Rating (Nominal): 240 VAC
Current Rating (max.): 21 AMPS
Panel Load Factor (40%): 8 AMPS
Energy Factor: 0.99+
Heating Elements: 2500 watts x 2
Circuits Required: 1 ea. 2-wire w/ ground (#10cuAWG)
Breakers Required: One (1), double-pole
Breaker Size: 30 AMPS each x 1
Temp. Output (dial): 90°F to 130°F (32°C - 52°C)¹

¹Temperature factory set to 120°F (49°C)

Flow Ratings:
Rise (°F) @ Flow (GPM)
46°F @ 0.75 GPM
34°F @ 1.0 GPM
21°F @ 1.5 GPM
17°F @ 2.0 GPM

Rise (°C) @ Flow (LPM)
24°C @ 3 LPM
18°C @ 4 LPM
12°C @ 6 LPM
9°C @ 8 LPM

Mounting Holes:
A: 14 ¾” (362mm)
B: 10 ⅞” (276mm)

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

Approvals:
UL CSA NSF HUD NEC