Model RA-16
Two-Chamber Tankless Electric Water Heater

Description: The RA-16 is excellent for specialized applications such as single showers or bathrooms. Also ideal for supplementing existing tank-type heaters that are unable to satisfy user requirements in beach houses, hair salons, horse stables, hunting and fishing cabins. Great for small apartments or condominiums where the incoming water temperature rarely drops below 70°F. This on-demand tankless water heater is the enabling technology for use as a booster to a traditional tank water heater or 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 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.): 54,606 BTU
Power Rating (max.): 16KW
Voltage Rating (Nominal): 240 VAC
Current Rating (max.): 67 AMPS
Panel Load Factor (40%): 27 AMPS
Energy Factor: 0.99+
Heating Elements: 8000 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 x 1)¹
Temp. Output (dial): 90°F to 130°F (32°C - 52°C)²

Mounting Holes:
A: 14¼” (362mm)
B: 10 7/8” (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

Flow Ratings:
Rise (°F) @ Flow (GPM)
52°F @ 2.0 GPM
42°F @ 2.5 GPM
34°F @ 3.0 GPM
25°F @ 4.0 GPM
Rise (°C) @ Flow (LPM)
27°C @ 8 LPM
22°C @ 10 LPM
18°C @ 12 LPM
13°C @ 16 LPM