



FOR COMMERCIAL WATER HEATING APPLICATIONS

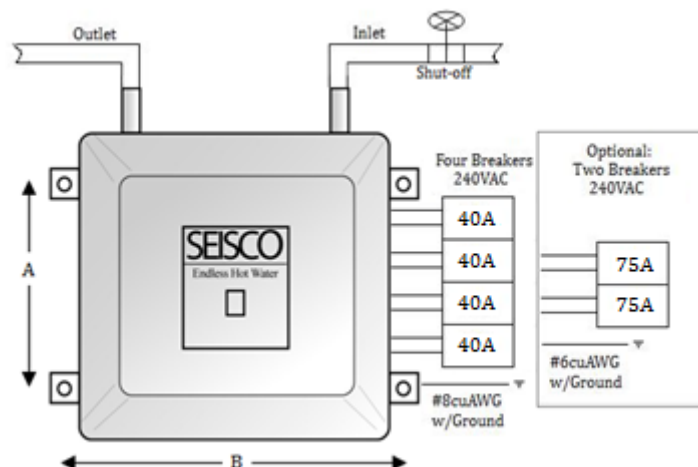
Model CA-32

Four-Chamber Tankless Electric Water Heater

Description: The CA-32 is used in demanding applications where incoming water temperatures or total flow requirements dictate more power than the CA-28. Ideal for the commercial applications such as: offices, specialty restaurants, convenience stores, salons and pet-grooming shops. This on-demand tankless water heater is a powerful replacement for traditional tank-type heaters or 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 or in combination with tank-type heaters or in-line boosters to supply specialized requirements.

Features:

- UL 499 Listed for Water Heating Applications
- No minimum flow required for activation
- Built-in DSM Utility Integration option
- Compatible with Advanced 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.): **109,211 BTU**
Power Rating (max.): **32KW**
Voltage Rating (Nominal): **240 VAC**
Current Rating (max.): **133 AMPS**
Panel Load Factor (40%): **53 AMPS**
Energy Factor: **0.99+**
Heating Elements: **8000 watts x 4**
Circuits Required: **4 ea. 2-wire w/ ground (#8cuAWG)**
Breakers Required: **Four (4), double-pole**
Breaker Size: **40 AMPS each x 4 (Optional 75 x2)¹**
Temp. Output (dial): **90F to 130F (32C - 52C)²**

¹ Install included jumpers on control board for this option and use 2 ea 2-wire circuits w/ground #6cuAWG rated for 75AMPS.

² Temperature factory set to 120F (49C) – Special Order to 140°F

Flow Ratings:

Rise (°F)
@ Flow (GPM)
109°F @ 2.0 GPM
73°F @ 3.0 GPM
55°F @ 4.0 GPM
40°F @ 5.5 GPM

Rise (°C)
@ Flow (LPM)
57°C @ 8 LPM
46°C @ 10 LPM
38°C @ 12 LPM
29°C @ 16 LPM

Mounting Holes:

A: 14 3/4" (362mm)
B: 16 1/8" (410mm)

Dimensions:

Weight: 23 lbs. (10.4 kg)
Height: 15 3/4" (400mm)
Width: 15 3/4" (400mm)
Depth: 6 1/4" (159mm)
Fittings: 3/4" (200mm)

Approvals:

UL NSF HUD NEC
(Not approved for Canada)