



480V THERMOSTATIC

MICROPROCESSOR FLOW & TEMPERATURE CONTROL

THREE PHASE ELECTRIC TANKLESS WATER HEATERS

SIGNATURE SERIES 480V 3 PHASE MODELS:

Model	Voltage	kW	AMPS
CA-9-480-3P	480	9	11
CA-12-480-3P	480	12	14
CA-18-480-3P	480	18	22
CA-21-480-3P	480	21	25



APPLICATIONS: Ideal as alternative to traditional tank type water heater, for point of use applications or for use as a supplement to any hot water source including solar and geothermal renewable energy systems. Compact size, requires no venting, can be mounted close to point of use to save wait and water. Suitably sized to serve multiple applications.

Seisco Exclusives:

- *Dry-Fire* Protection – cannot dry fire elements
- Temperature controlled flow detection for fast activation - No mechanical flow switch to fail- Activates at less than 0.30 GPM
- UL listed and tested to UL499 Appliance *and* more stringent UL834 Space Heating standard
- Control tested by UL to meet temperature limit control requirements of UL 353 and CSA C22.2
- Meets the **Buy American** requirements of the American Recovery and Reinvestment Act and the **Buy American Act**
- Patented *Power-Sharing Technology*
- Virtually eliminates scaling
- Accurate microprocessor thermostatic temperature control
- Saves energy activates only on demand
- Works with low flow fixtures and energy saving appliances
- Designed to work safely with all pre-heated water applications

Safety Built-in

- All models are temperature controlled and DESIGNED to avoid scalding
- UL Listed and certified to ANSI 61 and 372
- Tested to UL 353/CSA22.2
- Self-diagnostics including leak detection shutdown
- Built and Tested for Reliability
- Uses standard immersion water heater elements available everywhere
- Easily serviced without removing from the wall
- Built with DuPont Engineering Polymers for strength and reduction of scaling potential

Greater Customer Satisfaction

- Patented control avoids flicker and power quality issues
- Fast start-up with consistent temperature output even as demand varies
- Nearly silent operation – Versatile installation options

SIGNATURE SERIES 480V 3 PHASE MODELS:

Model	Voltage	kW	Breaker AMP ²	Wire cu AWG ²	Temperature Rise °F at GPM		
					2	3	4
CA-9-480-3P	480	9	15	14	31	20	15
CA-12-480-3P	480	12	15	14	41	27	20
CA-18-480-3P	480	18	25	12	61	41	31
CA-21-480-3P	480	21	25	12	72	48	36

² CONSULT NEC AND LOCAL CODES FOR FINAL DETERMINATION ON ALL BREAKER AND WIRE SIZING



Specifications:

Mounting Holes:

A: 14 3/4" (362mm)

B: 10 7/8" (276mm)

Weight: 15 lbs. (7.0 kg)

Height: 15 3/4" (400 mm)

Width: 10 1/4" (260 mm)

Depth: 6 1/4" (159 mm)

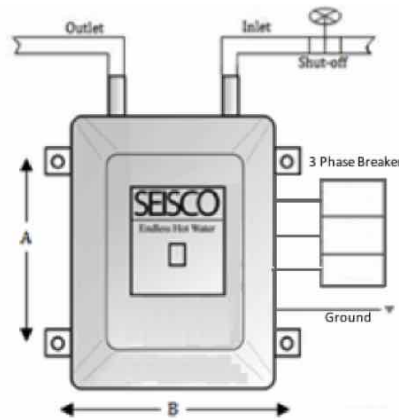
Fittings: 3/4" NPT

Power: 208V, 50/60Hz

Maximum Operating Pressure: 150 PSI

Thermal Efficiency: 96%+

Temp. Output (dial): 90°F to 140°F (32°C - 60°C)



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TECHNICAL SERVICE DEPARTMENT

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888-296-9293/281-876-3300

Engineer/Architect: _____

Job Name: _____

Location: _____

Contractor: _____

Rep: _____

Specifications: _____

SUGGESTED WRITTEN SPECIFICATION

Seisco tankless water heater model _____ as manufactured by Seisco International Limited, shall have a 5-year limited warranty*. Heaters shall have a rated input of ____ KW at ____ Volts. Heater shall be UL 499 and 834 approved and also classified in accordance with NSF/ANSI 372. Electrical control of the heater must be accomplished using an integrated microprocessor that uses thermistors for sensing temperature and flow. Heaters shall include water level sensing and temperature control via the microprocessor, and automatic high temperature shutoff. Heaters shall have built-in self-diagnostics with an LED and speaker and must visually and audibly signal the status of all monitored functions. Heaters shall have built-in water leak detection with shutdown. All water passages must be constructed of high temperature resistant DuPont® resin. Clean-out access for removing sediment must be provided without removing the cover.

*Limited Warranty-See written warranty for details.