



208V RESIDENTIAL

MICROPROCESSOR FLOW & TEMPERATURE CONTROL

ELECTRIC TANKLESS WATER HEATERS

SIGNATURE SERIES 208V 4 CH MODELS:

Model	Voltage	kW	AMPS
RA-18*	208	13.5	64.9
RA-22*	208	16.5	79.3
RA-28*	208	21.0	101.0
RA-32*	208	24.0	115.4
RA-28-208	208	28.0	134.6

* 240V Models Rated at 208V



APPLICATIONS: Ideal as whole house alternative to traditional tank type water heater or for use as a supplement to renewable energy systems including solar and geothermal. 208V models are typically required in multi-family properties where commercial grade power is provided.

FEATURES:

- Digital microprocessor control provides precise temperature and flow control without flicker or other power quality issues
- UL 499 Listed for Water Heating Applications
- Activates at less than 0.30 GPM
- Standard ¾" NPT plumbing connections with no flow restrictions
- Saves energy and water: Activates only on demand
- Compatible with all plumbing designs including recirculating, tubing and manifold systems
- Water level detect – No more heating element burnout
- Uses standard field-replaceable immersion heating elements
- Self-diagnostics including leak detection shut-down
- High performance DuPont™ Zytel® nylon chamber material
- Rugged DuPont™ Crastin® PBT polyester case
- Rust & corrosion resistant
- UL Classified in accordance with NSF/ANSI 372 to meet or exceed all current lead in drinking water requirements
- Ten Year Limited Warranty (Chamber Body guaranteed against failure for three years. Circuit board for 18 months. See written warranty for complete details)

SIGNATURE SERIES 208V RESIDENTIAL 4CH MODELS:

Model	Voltage	kW	Option 1: Two Breakers ³		Option 2: Four Breakers		Temperature Rise °F at GPM			
			Breaker AMP ²	Wire cu AWG ²	Breaker AMP ²	Wire cu AWG ²	2	2.5	3	5
RA-18*	208	13.5	40	8	20	12	46	37	31	18
RA-22*	208	16.5	40	8	20	12	56	45	38	23
RA-28*	208	21	60	6 ¹	30	10	72	57	48	29
RA-32*	208	24	60	6 ¹	30	10	82	66	55	33
RA-28-208	208	28	70	6 ¹	40	8	96	76	64	38

*240 Models rated at 208V – All breakers are 208V double pole breakers – No Neutral Required

¹ Use copper cable rated for 75°C or greater

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

³ Requires installation of jumpers on circuit board (included)



Specifications:

Mounting Holes:

A: 14 3/4" (362mm)

B: 16 1/8" (410mm)

Weight: 23 lbs. (10.4 kg)

Height: 15 3/4" (400 mm)

Width: 15 3/4" (400 mm)

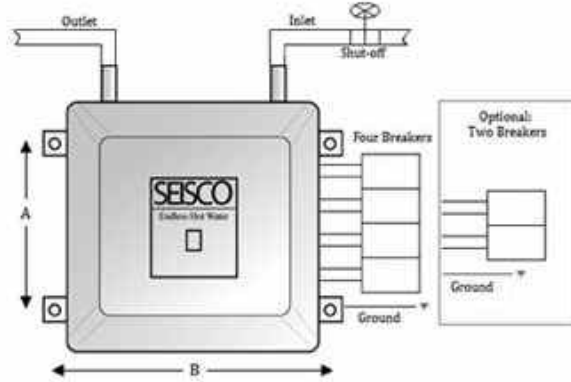
Depth: 6 1/4" (159 mm)

Fittings: 3/4" NPT

Thermal Efficiency: 96%+

Temp. Output (dial): 90°F to 130°F (32°C – 52°C)

Factory Temp Setting: 120°F (49°C)



SUGGESTED WRITTEN SPECIFICATION

Seisco tankless water heater model _____ as manufactured by Seisco International Limited, shall have a 10-year limited warranty*. Heaters shall have a rated input of ____ KW at ____ Volts. Electrical control of the heater must be accomplished using an integrated microprocessor that uses thermistors for sensing temperature and flow. Heater shall have patented internal mixing to avoid scalding. 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 plumbing connections or electrical connections. Seisco is UL 499 approved and also classified in accordance with NSF/ANSI 372.

*Limited Warranty-See written warranty for details.

SEISCO INTERNATIONAL LIMITED

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TECHNICAL SERVICE DEPARTMENT

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Engineer/Architect: _____

Job Name: _____

Location: _____

Contractor: _____

Rep: _____

Specifications: _____