SEISCO

240V RESIDENTIAL

MICROPROCESSOR FLOW & TEMPERATURE CONTROL

ELECTRIC TANKLESS WATER HEATERS

SIGNATURE SERIES 240V 2CH MODELS:

Model	Voltage	kW	AMPS
RA-14	240	14	58.4
RA-16	240	16	66.7

APPLICATIONS: Ideal as alternative to traditional tank type water heater in warmer climates or for use as a supplement to renewable energy systems including solar and geothermal. Suitable for single and multi-family dwellings where the water temperature rarely drops below 75°F. Compact size, requires no venting, can be mounted closer to point of use to save wait and water.

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 240V RESIDENTIAL 4CH MODELS:

Model	Voltage	kW	Option 1: One Breaker[3]		Option 2: Two 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-14	240	14	60	6[1]	30	10	48	38	32	19
RA-16	240	16	70	6[1]	40	8	55	44	36	22

All breakers are 240V 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)

MADE IN USA

NSF/ANSI 372

Specifications:
Mounting Holes:
A: 14 ¾" (362mm)
B: 10 ⅞" (276mm)
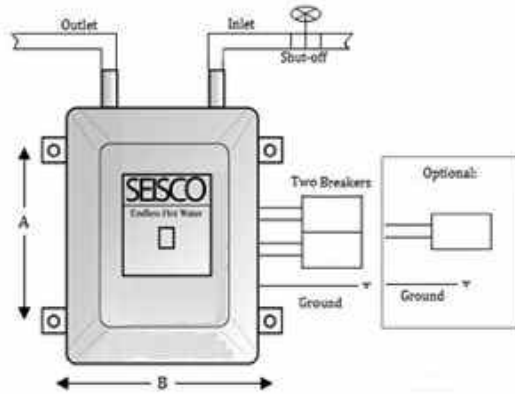Weight: 15 lbs. (7.0 kg)
Height: 15 ¾ " (400 mm)
Width: 10¼ " (260 mm)
Depth: 6 ¼ " (159 mm)
Fittings: ¾"NPT
Thermal Efficiency: 96%+
Temp. Output (dial): 90°F to 130°F (32°C – 52°C)
Factory Temp Setting: 120°F (49°C)

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
www.seisco.com

TECHNICAL SERVICE DEPARTMENT
www.seisco.info
technical@seisco.com
888-296-9293/281-876-3300

Engineer/Architect: _____
Job Name: _____
Location: _____
Contractor: _____
Rep: _____
Specifications: _____