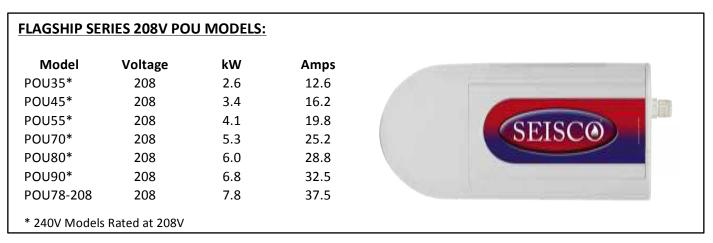


# **208V THERMOSTATIC**

MICROPROCESSOR FLOW & TEMPERATURE CONTROL

# **ELECTRIC TANKLESS WATER HEATERS**



**APPLICATIONS:** Commercial/Industrial: single/multiple lavatory, modular buildings, tenant spaces, handset showers, and emergency eye wash fountains. Residential: bathroom, kitchen, bar, utility sinks, low flow showers.

# **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
- Mounts horizontally or vertically for maximum flexibility
- Mounts above or below the point of use (even above ceiling bleed air valve required).
- Patented internal mixing to prevent scalding
- Standard ¾" NPT plumbing connections with no flow restrictions (adapters included to ½" NPT)
- Saves energy and water: Activates only on demand and mounts at point of use
- 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 <sup>™</sup> Crastin® PBT polvester case
- Rust & corrosion resistant
- UL Classified in accordance with NSF/ANSI 372 to meet or exceed all current lead in drinking water requirements
- Five Year Limited Warranty (Heating Element and Chamber Body guaranteed against failure for three years. Circuit board for 18 months. See written warranty for complete details)

### **FLAGSHIP SERIES POU MODELS:**

_			Breaker	Wire cu	Overall	Temperature Rise °F at GPM					
Model	Voltage	kW	Amps	AWG	Length	0.50	0.75	1.00	1.50	2.00	2.50
POU35*	208	2.6	15	14	15"	36	24	18	12	9	7
POU45*	208	3.4	20	12	15"	46	31	23	15	12	9
POU55*	208	4.1	20	12	13"	56	38	28	19	14	11
POU70*	208	5.3	30	10	15"	72	48	36	24	18	14
POU80*	208	6.0	30	10	15"	82	55	41	27	20	16
POU90*	208	6.8	40	8	15"	92	61	46	31	23	18
POU78-208	208	7.8	40	8	13"	107	71	53	36	27	21









#### \* 240V Models Rated at 208V

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

# **Specifications:**

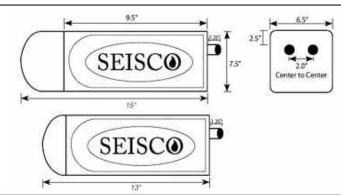
Weight: 9 lbs. (4 kg) Height: 7½" (190.5 mm) Length (see chart): 13" (330.2 mm) 15" (381.0 mm) Depth: 6½"(165.1 mm)

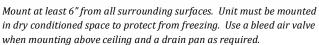
Fittings: ¾"NPT (½"NPT adapters incl.)

Power: 208V, 50/60Hz

Maximum Operating Pressure: 100 PSI

Thermal Efficiency: 96%+ Temp. Output: 105°F







NSF/ANSI 372



#### SUGGESTED WRITTEN SPECIFICATION

Seisco POU 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. 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, NSF, and NEC approved.

\*Limited Warranty-See written warranty for details.

# SEISCO INTERNATIONAL LIMITED

www.seisco.com

# **TECHNICAL SERVICE DEPARTMENT**

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