



277V THERMOSTATIC

MICROPROCESSOR FLOW & TEMPERATURE CONTROL

ELECTRIC TANKLESS WATER HEATERS

FLAGSHIP SERIES 277V POU MODELS:

Model	Voltage	kW	Amps
POU30-277	277	3.0	10.8
POU40-277	277	4.0	14.4
POU60-277	277	6.0	21.6
POU73-277	277	7.3	26.4
POU90-277	277	9.0	32.5



APPLICATIONS: Commercial/Industrial: single/multiple lavatory, modular buildings, tenant spaces, handset showers, and emergency eye wash fountains.

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™ 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
- 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:

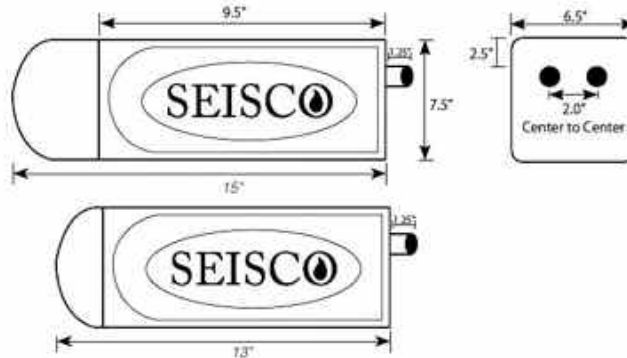
Model	Voltage	kW	Breaker Amps	Wire cu AWG	Overall Length	Temperature Rise °F at GPM					
						0.50	0.75	1.00	1.50	2.00	2.50
POU30-277	277	3.0	15	14	13"	41	27	20	14	10	8
POU40-277	277	4.0	15	14	15"	55	36	27	18	14	11
POU60-277	277	6.0	25	10	15"	82	54	41	27	20	16
POU73-277	277	7.3	30	10	13"	100	67	50	33	25	20
POU90-277	277	9.0	40	8	15"	123	82	61	41	31	25



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: 277V, 50/60Hz
- Maximum Operating Pressure: 100 PSI
- Thermal Efficiency: 96%+
- Temp. Output: 105°F



Mount at least 6" from all surrounding surfaces. Unit must be mounted in dry conditioned space to protect from freezing. Use a bleed air valve when mounting above ceiling and a drain pan as required.



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 approved and also classified in accordance with NSF/ANSI 372.

**Limited Warranty-See written warranty for details.*

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