



POINT OF USE (POU)

MICROPROCESSOR FLOW & TEMPERATURE CONTROL

ELECTRIC TANKLESS WATER HEATERS

One Chamber					Wire	Breaker	Temperature Rise @ GPM			GPM @ ΔT		
Model	Length	Voltage	kW	AMPS	cu AWG	Amps	Qty.	0.5	1	1.5	35	70
<u>120 Volt</u>												
POU24-120	13"	120	2.4	20.0	12	20	1	33	16	11	0.5	0.2
POU30-120	13"	120	3.0	25.0	10	30	1	41	20	14	0.6	0.3
POU35-120	13"	120	3.5	29.2	10	30	1	48	24	16	0.7	0.3
<u>240 Volt (208 Alternate)</u>												
POU35-240	13"	240	3.5	14.6	14	15	1	48	24	16	0.7	0.3
		208	2.6	12.6	14	15	1	36	18	12	0.5	0.3
POU45-240	15"	240	4.5	18.8	14	20	1	61	31	20	0.9	0.4
		208	3.4	16.2	14	20	1	46	23	15	0.7	0.3
POU55-240	13"	240	5.5	22.9	12	25	1	75	38	25	1.1	0.5
		208	4.1	19.8	14	20	1	56	28	19	0.8	0.4
POU70-240	15"	240	7.0	29.2	10	30	1	96	48	32	1.4	0.7
		208	5.3	25.2	12	30	1	72	36	24	1.0	0.5
POU80-240	15"	240	8.0	33.3	8	40	1		55	36	1.6	0.8
		208	6.0	28.8	10	30	1	82	41	27	1.2	0.6
POU90-240	15"	240	9.0	37.5	8	40	1		61	41	1.8	0.9
		208	6.8	32.5	8	40	1	92	46	31	1.3	0.7
POU78-208	13"	208	7.8	37.5	8	40	1		53	36	1.5	0.8
POU120-240	15"	240	12.0	50.0	6	50	1		82	55	2.3	1.2
		208	9.0	43.3	6	50	1		61	41	1.8	0.9
POU140-240	15"	240	14.0	58.3	*	60	1		96	64	2.7	1.4
		208	10.5	50.5	6	60	1		72	48	2.0	1.0
<u>277 Volt</u>												
POU30-277	13"	277	3.0	10.8	14	15	2	41	20	14	0.6	0.3
POU40-277	15"	277	4.0	14.4	14	15	2	55	27	18	0.8	0.4
POU60-277	15"	277	6.0	21.7	14	25	2	82	41	27	1.2	0.6
POU73-277	15"	277	7.0	25.3	14	30	2	96	48	32	1.4	0.7
POU90-277	15"	277	9.0	32.5	14	40	2		61	41	1.8	0.9
POU120-277	15"	277	12.0	43.3	12	50	2		82	55	2.3	1.2
POU140-277	15"	277	14.0	50.5	12	60	2		96	64	2.7	1.4

* Maximum recommended wire size is #6 cu AWG - Use conductors rated for 75°C or greater

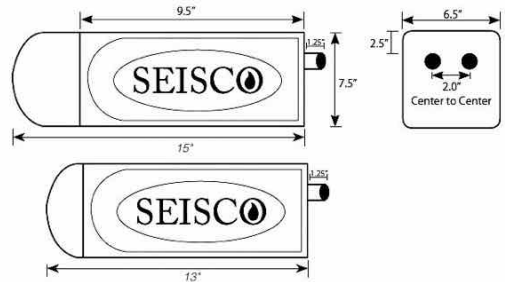


POINT OF USE (POU)

MICROPROCESSOR FLOW & TEMPERATURE CONTROL

Specifications:

Weight: 9 lbs. (4 kg)
Height: 7 1/2" (190.5 mm)
Length: See Chart
Depth: 6 1/2" (165.1 mm)
Fittings: 3/4" NPT
Power: 208-240V, 50/60Hz
Thermal Efficiency: 96%+
Temp. Output (dial): 90°F to 105°F (32°C – 41°C)
Factory Temp Setting: 105°F (41°C)



APPLICATIONS:

Commercial: Single/multiple lavatory, modular buildings, tenant spaces, handset showers, and emergency eye wash fountains. Residential: bathroom, kitchen, bar, utility sinks, low flow showers. Endless hot water replacement for traditional tank style water heaters at a single point of use. Larger kW models can be used to serve multiple lavatories or higher demand sinks. Maintains warm water in tank for up to two hours after first use to provide ready hot water on demand.

Compact size, requires no venting, can be mounted closer to point of use to save energy and water. Suitable for use with pre-heated water, not intended for recirculation. Visit Seisco.com for more information.

SUGGESTED WRITTEN SPECIFICATION

Seisco tankless water heater model _____ as manufactured by Seisco International, shall have a 10-year limited warranty. Heater shall have a rated input of ____ kW at ____ Volts. Heater shall be UL listed and tested to UL 499 Small Appliance standard *and* more stringent UL 834 Space Heating/Small Boiler standard and meet both NSF/ANSI 61 and 372. Electrical control of the heater must be accomplished using an integrated microprocessor that uses thermistors for sensing both temperature and flow. Heaters shall include water level sensing and temperature control via the microprocessor. Automatic high temperature shutoff shall be accomplished using its control tested by UL to meet the temperature limit control requirements of UL 353 and CSA C22.2. 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 automatic heating shutdown. Heater must have easy clean-out access for removing sediment.

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

JOB SUBMITTAL FORM:

Engineer/Architect: _____ Date: _____

Job Name/Customer: _____ Phone: _____

Location: _____ Date Required: _____

Contractor: _____ Phone: _____

Water Heater Specifications:

Item: _____ Qty.: _____ kW: _____ Voltage: _____ Amperage: _____



RESIDENTIAL (RA)

MICROPROCESSOR FLOW & TEMPERATURE CONTROL

FEATURES:

- Digital microprocessor control provides precise temperature and flow control without flicker or other power quality issues
- UL 499 Listed for Water Heating Applications and more stringent UL 834 Space Heating/Small Boiler standard
- 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).
- Patented internal mixing to prevent scalding
- Standard ¾" NPT plumbing connections with no flow restrictions (adapters included to ½" NPT)
- Universal 0.5GPM flow restricting aerator included with models below 6 kW
- Saves energy and water: Activates only on demand and mounts at point of use
- 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 61 and 372 to meet or exceed all current lead in drinking water requirements
- Five Year Limited Warranty (See written warranty for complete details)

Seisco founder and CEO, David Seitz spent over 30 years in real estate financing, development and construction. Seisco has been in business through a succession that began in 1986. Its first patent was filed in 1993 and followed by a strategic relationship with DuPont in 1994 that continues today.

Seisco was the first electric tankless to be recognized as a suitable replacement for a storage tank heater, the first tankless water heater to be accepted under HUD regulations for manufactured housing and over a period of 9 years received very special recognition from several federal government agencies including PATH; HUD; The NAHB research center; the National Renewable Energy Lab (NREL); the TVA; the DOE and EPRI. Seisco was recently chosen as the water heating partner for the new \$6.8 billion Midfield Terminal Complex at the Abu Dhabi Airport.

Seisco manufactures its tankless products at its factory in Houston, Texas from content sourced primarily from US suppliers with final assembly under NAFTA at its plant in Guadalajara, Mexico qualifying them as a "Buy American" product.

Visit Seisco.com for more information.