SEISCO®

The Global Leader in Tankless Technology

Point of Use - "Hybrid" Thermostatic

Seisco Exclusives

- "**Buy American**" 100% compliant
- *Dry-Fire* Protection – cannot dry fire elements
- Temperature controlled flow detection for fast activation (at less than 0.30 GPM)
- No moving parts subject to early failure from effects of water exposure (e.g. flow switch, turbine flow meter)
- UL listed and tested to UL499 Appliance and more stringent UL834 Space Heating standard
- Control tested by UL to achieve "Recognized Component" as temperature limit control under the requirements of UL 353 and CSA C22.2
- Patented *Power-Sharing Technology*
  - Virtually eliminates scaling
  - Accurate microprocessor thermostatic temperature control
  - DESIGNED to avoid scalding
  - Saves energy activates only on demand
  - Works with low flow fixtures and energy saving appliances
  - Designed to work safely with all pre-heated water applications

Built and Tested for Reliability

- Uses standard immersion water heater elements available everywhere
- Easily serviced without removing from the wall
- Self-diagnostics including leak detection shutdown
- Built with DuPont Engineering Polymers for strength and reduction of scaling potential

Greater Customer Satisfaction

- Patented control avoids flicker and other power quality issues
- Fast start-up with consistent temperature output even as demand varies
- Nearly silent operation – Versatile installation options

GO HYBRID!

Seisco Hybrid POU models are slightly larger than typical POU models for good reason. They provide a 1-quart mixing reservoir to avoid scalding and a ready supply of warm water for up to 2 hours after first use with no energy penalty. Can be safely connected to the hot water line to shorten the wait and save water.

Select the Hybrid POU that is guaranteed to outperform every other POU on the planet

Find out why Zero Net Energy Home developers choose SEISCO Whole House Tankless and Why HUD chose Seisco for its Concept House – Visit Seisco.com

POU "Hybrid" -Thermostatic
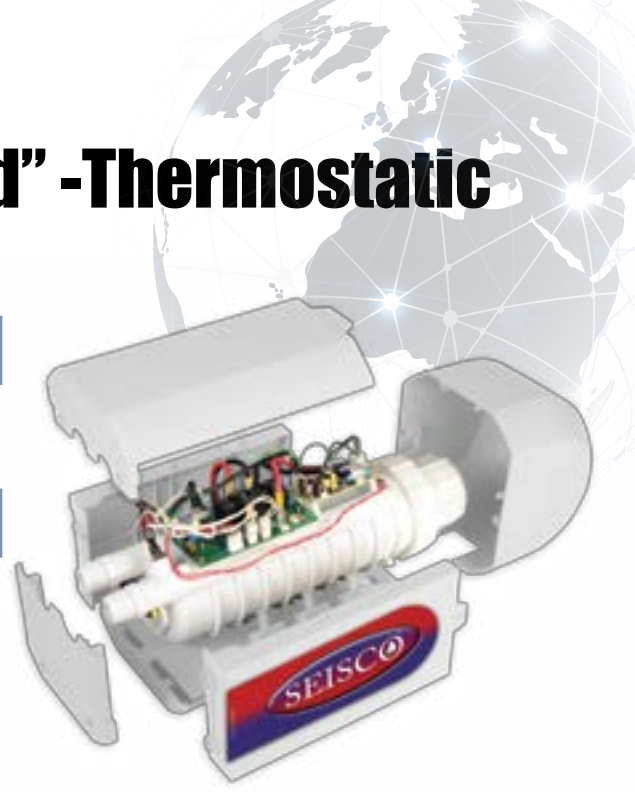
120V MODELS				Wire	Breaker		Temperature Rise @ GPM		
kW	Voltage	Model	Length	cu AWG	Qty	Amps	0.50	0.75	1.00
2.4	120	POU24-120	13"	12	1	20	33	22	16
3.0	120	POU30-120	13"	10	1	25	41	27	20
3.5	120	POU35-120	13"	10	1	30	48	32	24

240V MODELS				Wire	Breaker		Temperature Rise @ GPM		
kW	Voltage	Model	Length	cu AWG	Qty	Amps	1.00	1.50	2.00
3.5	240	POU35-240	13"	14	1	15	24	16	12
4.5	240	POU45-240	15"	14	1	20	31	20	15
5.5	240	POU55-240	13"	12	1	25	38	25	19
7.0	240	POU70-240	15"	10	1	30	48	32	24
8.0	240	POU80-240	15"	8	1	40	55	36	27
9.0	240	POU90-240	15"	8	1	40	61	41	31
12.0	240	POU120-240	15"	12	2	25	82	55	41
14.0	240	POU140-240	15"	10	2	30	96	64	48

277V MODELS				Wire	Breaker		Temperature Rise @ GPM		
kW	Voltage	Model	Length	cu AWG	Qty	Amps	1.00	1.50	2.00
3.0	277	POU30-277	13"	14	1	15	20	14	10
4.0	277	POU40-277	15"	14	1	15	27	18	14
6.0	277	POU60-277	15"	12	1	25	41	27	20
7.3	277	POU73-277	15"	10	1	30	50	33	25
9.0	277	POU90-277	15"	8	1	40	61	41	31
12.0	277	POU120-277	15"	12	2	25	82	55	41
14.0	277	POU140-277	15"	10	2	30	96	64	48

208V MODELS				Wire	Breaker		Temperature Rise @ GPM		
kW	Voltage	Model	Length	cu AWG	Qty	Amps	1.00	1.50	2.00
7.8	208	POU78-208	13"	8	1	40	53	36	27
14.0	208	POU140-208	15"	8	2	40	96	64	48
RATINGS FOR 240V MODELS OPERATING AT OPTIONAL 208V									
3.4	208	POU45-240	15"	14	1	20	23	15	12
4.1	208	POU55-240	13"	14	1	20	28	19	14
5.3	208	POU70-240	15"	10	1	30	36	24	18
6.0	208	POU80-240	15"	10	1	30	41	27	20
6.8	208	POU90-240	15"	8	1	40	46	31	23
9.0	208	POU120-240	15"	12	2	25	61	41	31
10.5	208	POU140-240	15"	10	2	30	72	48	36

Maximum wire size is AWG #6. Use copper wire rated to 90°C for these applications

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: 120-277V, 50/60Hz
Maximum Operating Pressure: 100 PSI
Thermal Efficiency: 96%+
Temp. Output: 105°F

Contact Seisco for special temperature needs
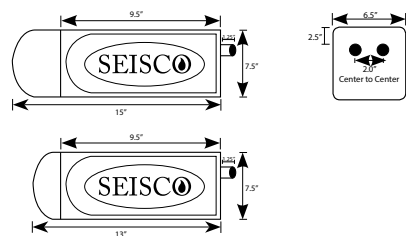
SUGGESTED WRITTEN SPECIFICATION

Seisco tankless water heater model _____ as manufactured by Seisco International, shall have a 5-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.*

241 Airtex Drive, Houston, TX 77090 • 888-296-9293 • 281-876-3300 • Seisco.com