



The Global Leader in Tankless Technology

Supercharger



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

SAVE MONEY, SAVE WATER!

Seisco tankless are designed to provide sufficient hot water for most any application. Compact size, no venting required, can be installed closer to where you use hot water to save energy AND water.

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



Supercharger

| SUPERCHARGER PERFORMANCE | | | | | *GPM at 115°F w/Tank Temp | | | |
|--------------------------|----------|--------|-----------|-----------|---------------------------|-----|-----|-----|
| Model | Tank | SC BTU | Tank BTU* | Total BTU | 95° | 80° | 65° | 50° |
| SC90 | Electric | 30,410 | 15,051 | 45,461 | 4.5 | 2.6 | 1.8 | 1.4 |
| SC140 | Electric | 47,304 | 15,051 | 62,356 | 6.2 | 3.6 | 2.5 | 1.9 |
| SC90 | Gas | 30,410 | 30,000 | 60,410 | 6.0 | 3.5 | 2.4 | 1.9 |
| SC140 | Gas | 47,304 | 30,000 | 77,304 | 7.7 | 4.4 | 3.1 | 2.4 |

* Assumes 40,000 BTU Gas Tank @ 78% and 4500 Watt Electric Tank @ 98% efficiency in use

| Model | Voltage | kW | Breaker | | Wire AWG cu | Temp Rise@GPM | | | |
|-------|---------|----|---------|------|----------------|---------------|-----|----|-----|
| | | | Qty | Size | | 1 | 1.5 | 2 | 2.5 |
| SC90 | 240 | 9 | 1 | 40 | 8 | 61 | 41 | 31 | 25 |
| SC140 | 240 | 14 | 2 | 30 | 6 | 96 | 64 | 48 | 38 |

*240 Volt Models can also be used on 208 Volts - kW output reduced to 75%

• DON'T "BOOST" SUPERCHARGE YOUR TANK HEATER

- Whole House: Add to a standard tank water heater to provide continuous hot water sufficient to supply at least a single shower continuously after the hot water in the tank has been exhausted. Provide sufficient hot water to keep a garden or jetted tub warm after using the capacity of the tank to fill it. Provide endless hot water for laundry immediately after everyone has had his or her morning shower or evening bath.
- Mount at or near the "hot water supply" for a cluster of fixtures (e.g. bathroom), to eliminate wait for hot water and to significantly increase the "hot water supply" from tank type water heaters – Use multiple heaters to provide rapid hot water for several zones.
- Gas Tankless Water Heaters: Add to a standard gas tankless to eliminate "cold water sandwich effect" and provide hot water for low flow draws from lavatory faucets and high efficiency dishwashers. Provide heat for recirculation loops.
- Can be mounted adjacent to gas tankless for hybrid system or to multiple Point of Use fixtures to reduce wait for hot water.
- Solar, Geothermal, and Heat Pump: Use in lieu of heating element in tank and don't reheat the entire tank full of water when you only need a few gallons more. Allow Supercharger to heat only the incremental water used and only add the additional heat actually needed, when the primary source proves insufficient. Significant improvement in efficiency over supplementary heating elements located in the tank.

Are you ready for NAECA 2015?

**DON'T GO HALF-TANKED!
SUPERCHARGE YOUR SOLUTION**

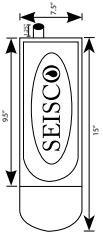
*"Right Size" your tank for
maximum energy savings
– Supercharge your way to
endless hot water*

*Mount at your tank for whole
house hot water – Mount in-line
near high use locations to avoid
the wait*

SAVE ENERGY & WATER

Specifications:

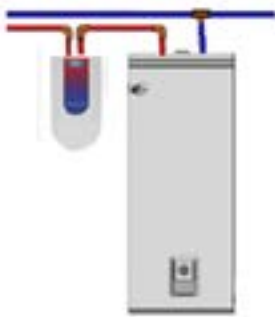
Weight: 9 lbs. (4 kg)
Height: 7½" (190.5 mm)
Length: 15" (381.0 mm)
Depth: 6½" (165.1 mm)



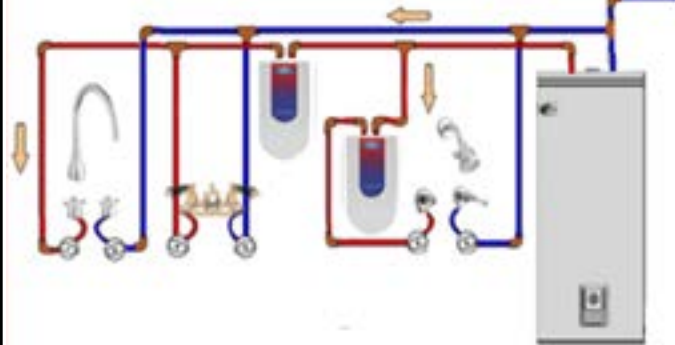
All Models:

Fittings: ¾"NPT
Thermal Efficiency: 96%+
Temp. Output: 90°F to 130°F
(32°C – 55°C)
Factory Temp Setting: 115°F (46°C)

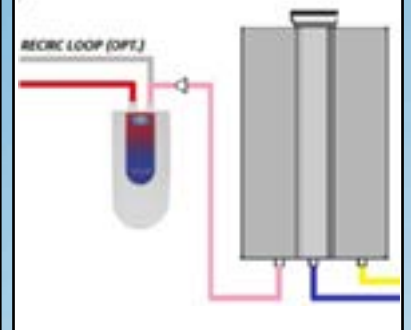
Whole House Application



Remote Application



Gas Tankless Application



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.*