



Cer-Temp® System Pump Packages - Low Lead

Take all the uncertainty out of designing your A. O. Smith Cer-Temp® hot water supply system with the following system pump packages. Kits are certified by CSA International as complying with all Federal and State low lead requirements.

Each package contains a properly sized circulating pump and all the related controls and safety devices required to complete a working A. O. Smith Cer-Temp® system. The packages do not contain the water heater, storage tanks, piping or fittings.

CIRCULATING PUMP

- Sized for 50 equivalent feet of pipe
- 115 volt AC
- Single Phase
- Built in overload protection



TANK TEMPERATURE CONTROL

- Open-on-rise switch action
- Immersion well type
- Fixed 5°F (3°C) differential
- Adjustable from 100°F to 180°F (38°C to 82°C)



TEMPERATURE AND PRESSURE RELIEF VALVE

- 125 psi setting
- Temperature relief setting of 210°F (99°C)
- Automatic reset



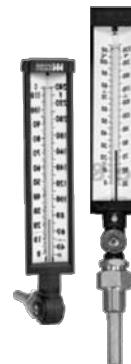
SAFETY FLOW SWITCH

- Prevents burner firing under low water flow conditions
- Single pole-double throw switch contacts
- Adjustable sensitivity
- Rated at 150 psig and 250°F (121°C)
- Properly sized reducing tee furnished



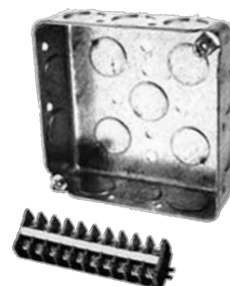
THERMOMETERS

- Straight and angle thermometers allow measurement of heater inlet/outlet and tank temperatures for proper system adjustment and maintenance
- Baked enamel aluminum case
- Range of 40°F to 260°F (4°C to 127°C)
- 1/2" NPT brass well
- 2" nominal well length



JUNCTION BOX ASSEMBLY

- 4" x 4" x 1 1/2" deep metal box with cover
- Terminal strip and wiring diagram included





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HW Burkay® System Packages

Cer-Temp®/One Heater

The following items are common to all packages

- 2 ea. Straight Thermometer
- 1 ea. Angle Thermometer
- 1 ea. Wall Type Junction Box
- 1 ea. Tank Temperature Control
- 1 ea. Safety Flow Switch
- 1 ea. Safety Flow Switch Reducing Tee
- 1 ea. Circulating Pump
- 1 ea. T&P Valve 125#

ONE HEATER - ONE TANK PUMP KITS		
DESCRIPTION	KIT NUMBER	APPROXIMATE SHIPPING WEIGHT (LBS.)
HW 120M, 160M, & 200M	9910122000	35
HW 225M & 300	9910123000	35
HW 399 & 420	9910124000	45
HW 520 & 670	9910125000	56

Cer-Temp®/Two Heaters

The following items are common to all packages prefixed by A-6292(##)

- 3 ea. Straight Thermometer
- 1 ea. Angle Thermometer
- 1 ea. Wall Type Junction Box
- 1 ea. Tank Temperature Control
- 2 ea. Safety Flow Switch
- 2 ea. Safety Flow Switch Reducing Tees
- 1 ea. Circulating Pump
- 1 ea. T&P Valve 125#

TWO HEATERS - ONE TANK PUMP KITS		
DESCRIPTION	KIT NUMBER	APPROXIMATE SHIPPING WEIGHT (LBS.)
HW 120M, 160M, & 200M	9910126000	40
HW 225M & 300	9910127000	46
HW 399 & 420	9910128000	60
HW 520 & 670**	N/A	N/A

**Coming Soon

The above Pump/System Packages do not include the water heater, storage tank, piping, and other fittings that will be needed to complete the system, but includes only those parts specifically listed.