

Point of Use “Non-Thermostatic”

Single Point and Flow Controlled (**Designed for cold water feed only**)

Specifications

Electric Tankless Hot Water Heater

Applications

- Hand washing (0.35-2.0 GPM)
- Kitchen/bar/utility sinks
- Manufacturing facilities
- Public hand washing
- Hand set shower (0.7-2.0 GPM)
- Dual handwash sinks (DL option)
- Modular buildings and tenant spaces

Performance Features

- On demand hot water. Flow switch activates heater only on demand (no standby heat loss). 99% efficient
- Endless hot water – no storage capacity to run out
- Easy installation. No T&P relief valve needed (check local codes). Only one cold water line need be brought to installation, mounts on wall
- High temperature limit switch with automatic reset
- Optional flow restricting aerator (for EX-DL models) ensures proper temperature rise. Standard with SP models
- Prevents Legionella bacteria growth
- Reduces calcification, liming and sedimentation
- Complies with handicap ADA physical installation requirements
- Ni Chrome element – a unique, patented flow path ensures optimum heat transfer and extended element life
- Warranty – Heaters, against failure due to leaks of “Heater Body/Element Assembly”, five (5) years – Parts, one (1) year

Product Specifications

| | |
|----------------------------|---|
| Dimensions: | 10.75" x 5.25" x 2.78" |
| Weight: | 4 lbs. |
| Cover: | ABS UL rated 94Vo. |
| Color: | White |
| Element: | Replaceable cartridge insert |
| Fittings: | SP – 3/8" compression fitting at top of unit EX – 1/2" (5/8" OD) compression fitting at bottom of unit |
| Operating Pressure: | Min. 25 PSI, max. 150 PSI |
| UL Listed: | E86887 (M) |

U.S. Patent #'s: 4,762,980 and 4,960,976

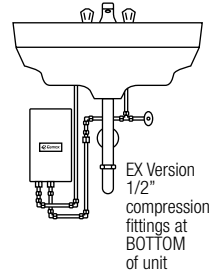
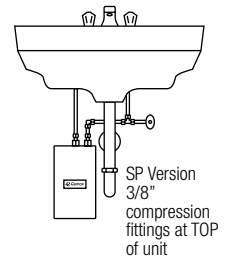
Special Design Service

Inquiries for units for unique applications are welcome.
Call our Technical Service department at **1-800-543-6163**.



Pictured, EX: Bottom Water Connections

U.S. Patent #'s: 4,762,980 and 4,960,976



Series 1
Single Point and
Flow Controlled



The wetted surface of this product contacted by water contains less than 0.25% lead and meets ANSI/NSF 372



Suggested Specification

Tankless water heater shall be an Eemax Non-Thermostatic model number _____.

Unit shall have ABS-UL 94V0 rated cover. Element shall be replaceable cartridge insert. Unit shall have replaceable filter in the inlet connector. Element shall be iron free, nickel chrome material. Heater shall be fitted with compression fitting, 1/2" (5/8" OD) for model EX, or 3/8" fitting (1/2" OD) for model SP, to eliminate need for soldering. Maximum operating pressure of 150 PSI. Hot water storage tanks prohibited. Unit shall be Eemax or approved equal. NOTE: Refer to rating chart for product information.

Specification options available on EX models:

- _____ **DL** Dual Lavs- supplied with two faucet aerators
- _____ **SL** Single Lav – supplied with 3/8" compression fittings (0.5 or 1.0 GPM aerator included).
- _____ **N4** NEMA 4 waterproof cabinet w/powder coat finish
- _____ **N4X** NEMA 4 stainless steel waterproof corrosion-resistant cabinet

Point of Use “Non-Thermostatic”

Single Point and Flow Controlled (Designed for cold water feed only)

Specifications

Electric Tankless Hot Water Heater

Series 1
Single Point and
Flow Controlled

| MODEL NUMBER | KW | AMPS | TURN ON (GPM) | RECOMMENDED WIRE SIZE (CU) | TEMPERATURE RISE °F | | | |
|-------------------------------|-------|------|---------------|----------------------------|---------------------|----------|---------|---------|
| | | | | | 0.5 GPM | 0.75 GPM | 1.0 GPM | 1.5 GPM |
| VOLTS 120 | | | | | | | | |
| C SP2412† | 2.4kW | 20A | 0.3 | 12 AWG | 33° | — | — | — |
| C EX2412 | 2.4kW | 20A | 0.3 | 12 AWG | 33° | — | — | — |
| C SP3012† | 3.0kW | 25A | 0.3 | 10 AWG | 41° | — | — | — |
| C EX3012 | 3.0kW | 25A | 0.3 | 10 AWG | 41° | — | — | — |
| C SP3512† | 3.5kW | 29A | 0.3 | 10 AWG | 48° | — | — | — |
| C EX3512 | 3.5kW | 29A | 0.3 | 10 AWG | 48° | — | — | — |
| VOLTS 208 Single Phase | | | | | | | | |
| C SP3208† | 3.0kW | 15A | 0.3 | 14 AWG | 41° | — | — | — |
| C EX3208 | 3.0kW | 15A | 0.3 | 14 AWG | 41° | — | — | — |
| C SP4208† | 4.1kW | 20A | 0.3 | 12 AWG | 56° | — | — | — |
| C EX4208 | 4.1kW | 20A | 0.3 | 12 AWG | 56° | — | — | — |
| C SP8208† | 8.3kW | 40A | 0.7 | 8 AWG | — | 76° | 57° | 38° |
| C SP8208 DL† | 8.3kW | 40A | 0.7 | 8 AWG | — | 76° | 57° | 38° |
| C EX8208 | 8.3kW | 40A | 0.7 | 8 AWG | — | 76° | 57° | 38° |
| C EX8208 DL | 8.3kW | 40A | 0.7 | 8 AWG | — | 76° | 57° | 38° |
| VOLTS 240* | | | | | | | | |
| C SP35† | 3.5kW | 15A | 0.3 | 14 AWG | 48° | 32° | 24° | 16° |
| C SP35† (derated 208V perf.) | 2.7kW | 13A | 0.3 | * | 37° | 24° | 18° | 15° |
| C EX35 | 3.5kW | 15A | 0.3 | 14 AWG | 48° | 32° | 24° | 16° |
| C EX35 (derated 208V perf.) | 2.7kW | 13A | 0.3 | * | 37° | 24° | 18° | 15° |
| C EX35 SL | 3.5kW | 15A | 0.3 | 14 AWG | 48° | 32° | 24° | 16° |
| C SP48† | 4.8kW | 20A | 0.5 | 12 AWG | 64° | 42° | 31° | 21° |
| C SP48† (derated 208V perf.) | 3.6kW | 17A | 0.5 | * | 49° | 33° | 25° | 16° |
| C SP48 DL | 4.8kW | 20A | 0.5 | 12 AWG | 64° | 42° | 31° | 21° |
| C EX48 | 4.8kW | 20A | 0.5 | 12 AWG | 64° | 42° | 31° | 21° |
| C EX48 (derated 208V perf.) | 3.6kW | 17A | 0.5 | * | 49° | 33° | 25° | 16° |
| C EX48 SL | 4.8kW | 20A | 0.5 | 12 AWG | 64° | 42° | 31° | 21° |
| C EX48 DL | 4.8kW | 20A | 0.5 | 12 AWG | 64° | 42° | 31° | 21° |
| C SP55† | 5.5kW | 23A | 0.5 | 10 AWG | 75° | 50° | 38° | 25° |
| C SP55† (derated 208V perf.) | 4.1kW | 20A | 0.5 | * | 56° | 38° | 28° | 19° |
| C SP55 DL† | 5.5kW | 23A | 0.5 | 10 AWG | 75° | 50° | 38° | 25° |
| C EX55 | 5.5kW | 23A | 0.5 | 10 AWG | 75° | 50° | 38° | 25° |
| C EX55 (derated 208V perf.) | 4.1kW | 20A | 0.5 | * | 56° | 38° | 28° | 19° |
| C EX55 DL | 5.5kW | 23A | 0.5 | 10 AWG | 75° | 50° | 38° | 25° |
| C EX55 SL | 5.5kW | 23A | 0.5 | 10 AWG | 75° | 50° | 38° | 25° |
| C SP65† | 6.5kW | 27A | 0.7 | 10 AWG | — | 59° | 44° | 30° |
| C SP65† (derated 208V perf.) | 4.9kW | 24A | 0.7 | * | 66° | 44° | 33° | 22° |
| C SP65 DL† | 6.5kW | 27A | 0.7 | 10 AWG | — | 59° | 44° | 30° |
| C EX65 | 6.5kW | 27A | 0.7 | 10 AWG | — | 59° | 44° | 30° |
| C EX65 (derated 208V perf.) | 4.9kW | 24A | 0.7 | * | 66° | 44° | 33° | 22° |
| C EX65 DL | 6.5kW | 27A | 0.7 | 10 AWG | — | 59° | 44° | 30° |
| C EX65 SL | 6.5kW | 27A | 0.7 | 10 AWG | — | 59° | 44° | 30° |
| C SP75† | 7.5kW | 32A | 0.7 | 8 AWG | — | 68° | 51° | 34° |
| C SP75† (derated 208V perf.) | 5.6kW | 27A | 0.7 | * | 77° | 51° | 38° | 26° |
| C SP75 DL† | 7.5kW | 32A | 0.7 | 8 AWG | — | 68° | 51° | 34° |
| C EX75 | 7.5kW | 32A | 0.7 | 8 AWG | — | 68° | 51° | 34° |
| C EX75 (derated 208V perf.) | 5.6kW | 27A | 0.7 | * | 77° | 51° | 38° | 26° |
| C EX75 DL | 7.5kW | 32A | 0.7 | 8 AWG | — | 68° | 51° | 34° |
| C EX75 SL | 7.5kW | 32A | 0.7 | 8 AWG | — | 68° | 51° | 34° |
| C SP95† | 9.5kW | 40A | 0.7 | 8 AWG | — | 87° | 65° | 43° |
| C SP95† (derated 208V perf.) | 7kW | 34A | 0.7 | * | 95° | 64° | 48° | 32° |
| C SP95 DL† | 9.5kW | 40A | 0.7 | 8 AWG | — | 87° | 65° | 43° |
| C EX95 | 9.5kW | 40A | 0.7 | 8 AWG | — | 87° | 65° | 43° |
| C EX95 (derated 208V perf.) | 7kW | 34A | 0.7 | * | 95° | 64° | 48° | 32° |
| C EX95 DL | 9.5kW | 40A | 0.7 | 8 AWG | — | 87° | 65° | 43° |
| C EX95 SL | 9.5kW | 40A | 0.7 | 8 AWG | — | 87° | 65° | 43° |

* 240V units can be used on 208V single phase with 25% reduced temperature output. Please note per UL standards the rating plate and installation instructions will all be according to a 240V applied voltage. Check with local officials prior to derating the electrical infrastructure.

† 3/8" compression fittings at top of unit

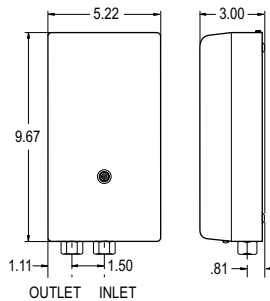
“C” indicates evaluation and compliance to either Underwriters Laboratories (UL) or Intertek (ETL) under CAN/CSA-C22.2 No. 64/No. 88.

| MODEL NUMBER | KW | AMPS | TURN ON (GPM) | RECOMMENDED WIRE SIZE (CU) | TEMPERATURE RISE °F | | | |
|------------------|-------|-------|---------------|----------------------------|---------------------|----------|---------|---------|
| | | | | | 0.5 GPM | 0.75 GPM | 1.0 GPM | 1.5 GPM |
| VOLTS 277 | | | | | | | | |
| SP3277† | 3.0kW | 11A | 0.3 | 14 AWG | 41° | — | — | — |
| EX3277 | 3.0kW | 11A | 0.3 | 14 AWG | 41° | — | — | — |
| SP4277† | 4.1kW | 14.8A | 0.3 | 14 AWG | 56° | 37° | 28° | 19° |
| EX4277 | 4.1kW | 14.8A | 0.3 | 14 AWG | 56° | 37° | 28° | 19° |
| SP60† | 6.0kW | 22A | 0.7 | 10 AWG | — | 55° | 41° | 27° |
| SP60 DL† | 6.0kW | 22A | 0.7 | 10 AWG | — | 55° | 41° | 27° |
| EX60 | 6.0kW | 22A | 0.7 | 10 AWG | — | 55° | 41° | 27° |
| EX60 SL | 6.0kW | 22A | 0.7 | 10 AWG | — | 55° | 41° | 27° |
| EX60 DL | 6.0kW | 22A | 0.7 | 10 AWG | — | 55° | 41° | 27° |
| SP80† | 8.0kW | 29A | 0.7 | 10 AWG | — | 73° | 55° | 36° |
| SP80 DL† | 8.0kW | 29A | 0.7 | 10 AWG | — | 73° | 55° | 36° |
| EX80 | 8.0kW | 29A | 0.7 | 10 AWG | — | 73° | 55° | 36° |
| EX80 SL | 8.0kW | 29A | 0.7 | 10 AWG | — | 73° | 55° | 36° |
| EX80 DL | 8.0kW | 29A | 0.7 | 10 AWG | — | 73° | 55° | 36° |
| SP90† | 9.0kW | 33A | 0.7 | 8 AWG | — | 82° | 61° | 41° |
| SP90 DL† | 9.0kW | 33A | 0.7 | 8 AWG | — | 82° | 61° | 41° |
| EX90 | 9.0kW | 33A | 0.7 | 8 AWG | — | 82° | 61° | 41° |
| EX90 SL | 9.0kW | 33A | 0.7 | 8 AWG | — | 82° | 61° | 41° |
| EX90 DL | 9.0kW | 33A | 0.7 | 8 AWG | — | 82° | 61° | 41° |
| SP100† | 10kW | 36A | 0.7 | 8 AWG | — | 91° | 68° | 46° |
| SP100 DL† | 10kW | 36A | 0.7 | 8 AWG | — | 91° | 68° | 46° |
| EX100 | 10kW | 36A | 0.7 | 8 AWG | — | 91° | 68° | 46° |
| EX100 SL | 10kW | 36A | 0.7 | 8 AWG | — | 91° | 68° | 46° |
| EX100 DL | 10kW | 36A | 0.7 | 8 AWG | — | 91° | 68° | 46° |

Suffix Definitions

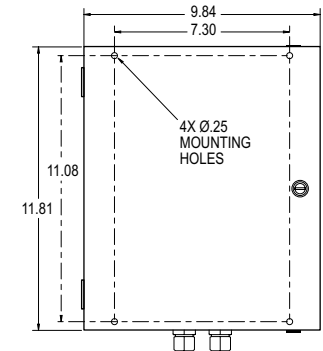
- DL Dual Lavs – Two faucet aerators provided
- SL Single Lav – 3/8" compression connections

“EX”



NEMA 4/4X

For EX version only. NEMA cabinets not available for SP version.



“SP”

