Series One™; Single Point and Flow Controlled

Applications
- Hand washing (0.35-2.0 GPM)
- Kitchen/bar/utility sinks
- Manufacturing facilities
- 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).
- 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
- Ni Chrome element – a unique, patented flow path ensures optimum heat transfer and extended element life
- Warranty, five (5) years limited on leaks, one (1) year parts
- Compact size fits almost anywhere for flexible installation; suitable for ADA compliant facilities

Product Specifications
Dimensions: 9.75” x 5.25” x 3”
Weight: 4 lb
Cover: ABS UL rated 94V0
Color: White
Element: Replaceable cartridge insert
Fittings: SP – 3/8” compression fittings at top of unit
          EX – 1/2” (5/8” OD) compression fittings at bottom of unit

Min. Dynamic Operating Pressure: 35 PSI
Max. Dynamic Operating Pressure: 150 PSI
UL listed file number: E86887
U.S. Patent #: 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.

Suggested Specification
Tankless water heater shall be an Eemax Non-Thermostatic model number ___________.

Unit shall have ABS-UL 94VO 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. Water heater to be supplied with compression fittings. EX models will have 1/2” fittings on the bottom of unit, SP units to have 3/8” fittings on the top of unit. 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

Specified device is suitable for applications with some wetted surfaces, wetted volume and flow rates that meet thecontainment of hazardous substances. The wetted surface of specific product contact less than 0.25% lead and meets ANSI/NSF 372.

In USA

*The wetted surface of this product contained by water contains less than 0.25% lead and meets ANSI/NSF 372.
### Specifications

**Electric Tankless Water Heater**

**Model Number**

**VOLTs 120**
- **SP 2412**: 2.4 20 12 AWG 0.3 33° – – –
- **EX 2412**: 2.4 20 12 AWG 0.3 33° – – –
- **SP 3012**: 3.0 25 10 AWG 0.3 41° – – –
- **EX 3012**: 3.0 25 10 AWG 0.3 41° – – –
- **SP 3512**: 3.5 29 10 AWG 0.3 48° – – –
- **EX 3512**: 3.5 29 10 AWG 0.3 48° – – –

**VOLTs 208 Single Phase**
- **SP 220B**: 3.0 15 14 AWG 0.3 41° – – –
- **EX 220B**: 3.0 15 14 AWG 0.3 41° – – –
- **SP 240B**: 4.1 20 12 AWG 0.3 56° – – –
- **EX 240B**: 4.1 20 12 AWG 0.3 56° – – –
- **SP 240 DL**: 3.6 20 8 AWG 0.7 – 76° 57° 38°
- **EX 240 DL**: 3.6 20 8 AWG 0.7 – 76° 57° 38°

**VOLTs 240**
- **SP 33**: 3.5 15 14 AWG 0.3 48° 32° 24° 16°
- **SP 330** (derated 208V perf.): 2.7 13 14 AWG 0.3 37° 24° 18° 15°
- **EX 33**: 3.5 15 14 AWG 0.3 48° 32° 24° 16°
- **EX 330** (derated 208V perf.): 2.7 13 14 AWG 0.3 37° 24° 18° 15°
- **EX 33 SL**: 3.5 15 14 AWG 0.3 48° 32° 24° 16°
- **SP 44**: 4.8 20 12 AWG 0.5 64° 42° 31° 21°
- **SP 440** (derated 208V perf.): 3.6 17 12 AWG 0.5 49° 33° 25° 16°
- **SP 44 DL**: 4.8 20 12 AWG 0.5 64° 42° 31° 21°
- **EX 44**: 4.8 20 12 AWG 0.5 64° 42° 31° 21°
- **EX 440** (derated 208V perf.): 3.6 17 12 AWG 0.5 49° 33° 25° 16°
- **EX 44 SL**: 4.8 20 12 AWG 0.5 64° 42° 31° 21°
- **SP 55**: 5.5 23 10 AWG 0.7 75° 50° 38° 25°
- **SP 550** (derated 208V perf.): 4.1 20 10 AWG 0.7 56° 38° 28° 19°
- **SP 55 DL**: 5.5 23 10 AWG 0.7 75° 50° 38° 25°
- **EX 55**: 5.5 23 10 AWG 0.7 75° 50° 38° 25°
- **EX 550** (derated 208V perf.): 4.1 20 10 AWG 0.7 56° 38° 28° 19°
- **EX 55 DL**: 5.5 23 10 AWG 0.7 75° 50° 38° 25°
- **EX 55 SL**: 5.5 23 10 AWG 0.7 75° 50° 38° 25°
- **SP 65**: 6.5 27 10 AWG 0.7 – 59° 44° 30°
- **SP 650** (derated 208V perf.): 4.9 24 10 AWG 0.7 – 44° 33° 22°
- **SP 65 DL**: 6.5 27 10 AWG 0.7 – 59° 44° 30°
- **EX 65**: 6.5 27 10 AWG 0.7 – 59° 44° 30°
- **EX 650** (derated 208V perf.): 4.9 24 10 AWG 0.7 – 44° 33° 22°
- **EX 65 DL**: 6.5 27 10 AWG 0.7 – 59° 44° 30°
- **EX 65 SL**: 6.5 27 10 AWG 0.7 – 59° 44° 30°
- **SP 75**: 7.5 32 10 AWG 0.7 – 68° 51° 34°
- **SP 75 DL**: 7.5 32 10 AWG 0.7 – 68° 51° 34°
- **EX 75**: 7.5 32 10 AWG 0.7 – 68° 51° 34°
- **EX 750** (derated 208V perf.): 5.6 27 10 AWG 0.7 – 51° 38° 26°
- **EX 75 DL**: 7.5 32 10 AWG 0.7 – 68° 51° 34°
- **EX 75 SL**: 7.5 32 10 AWG 0.7 – 68° 51° 34°
- **SP 85**: 8.5 40 8 AWG 0.7 – 87° 65° 43°
- **SP 850** (derated 208V perf.): 7.0 34 8 AWG 0.7 – 64° 48° 32°
- **SP 85 DL**: 8.5 40 8 AWG 0.7 – 87° 65° 43°
- **EX 85**: 8.5 40 8 AWG 0.7 – 87° 65° 43°
- **EX 850** (derated 208V perf.): 7.0 34 8 AWG 0.7 – 64° 48° 32°
- **EX 85 DL**: 8.5 40 8 AWG 0.7 – 87° 65° 43°
- **EX 85 SL**: 8.5 40 8 AWG 0.7 – 87° 65° 43°

### Suffix Definitions

- **DL**: Dual Lance – Two faucet aerators provided
- **SL**: Single Lance – 3/8" compression connections

### NEMA 4/4X

*4/4X units can be used on 240V 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.

1. 3/8" compression fittings at top of unit
2. "C" indicates evaluation and compliance to either Underwriters Laboratories (UL) or Intertek (ETL) under CAN/CSA-C22.2 No. 64/Na. 88.

*Information and product specifications contained in this document are subject to change without notice.*