Point of Use “Non-Thermostatic”

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

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

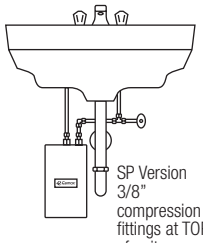
Product Specifications

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)

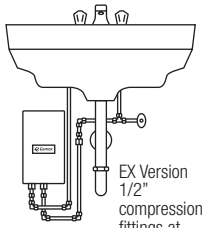
U.S. Patent #’s: 4,762,980 and 4,960,976

Special Design Service

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



SP Version
3/8”
compression
fittings at TOP
of unit



EX Version
1/2”
compression
fittings at
BOTTOM
of unit

Pictured, EX: Bottom Water Connections

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

LISTED

Buy American
Made in USA

NO LEAD*
The wetted surface of this product contacted by water contains less than 0.25% lead and meets ANSI/NSF 372

Autodesk
3-D REVIT Product Specs Now Available

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

	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

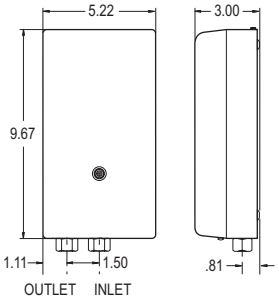
"C" indicates evaluation and compliance to either Underwriters Laboratories (UL) or Intertek (ETL) under CAN/CSA-C22.2 No. 64/No. 88.

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°

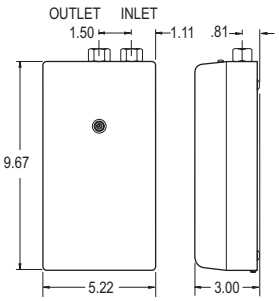
Suffix Definitions

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

"EX"



"SP"



NEMA 4/4X

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