

Applications

- Handwashing
- Kitchen, bar, utility sink
- Point-of-use & fixed-flow fixture
- One (1) lavatory faucet, sensor faucet or metering faucet

Performance Features

- Self-diagnostics with intelligent controls actively protect heater in installed environment
- InfoCue™ visible LED indicator communicates system status and heater operation feedback
- SafeStart™ technology engages upon start-up to help avoid dry-fire occurrence
- Low activation flow starting at 0.25 GPM turn on (model dependent)
- Mounts in any orientation for a flexible installation
- Compact size fits almost anywhere; suitable for ADA compliant facilities
- Only one cold water line needed for an easy installation
- No T&P relief valve needed (check local codes); Ready to go, right out-of-the-box
- Save water and time by installing unit at the point-of-use
- Integral 3/8" compression fittings; no soldering or sweat connections required
- Control system activates heater only on demand
- High temperature limit switch enables safe operation
- 5-year limited warranty on leaks, 1-year on parts

Product Specifications

Dimensions:	10.75" H x 5.25" W x 3" D
Product Weight: (model dependent)	2.75 lb/3 lb
Cover:	ABS-UL 94 5VA
Color:	White
Min. Dynamic Operating Pressure:	30 PSI
Max. Dynamic Operating Pressure:	150 PSI
Element:	Replaceable nichrome cartridge insert
Fittings:	3/8" compression fittings
UL listed file number:	E86887

U.S. Patent Pending Technology

Special Design Service

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



Tested and certified by the Water Quality Association against NSF/ANSI 372 for lead free compliance.



Note: For optimum performance, mounting location should be within 2 feet of fixture.

Suggested Specification

Tankless water heater shall be an Eemax model number SPEX_____.

Unit shall have ABS-UL 94 5VA rated cover. Unit shall allow mounting in any orientation. Element shall be replaceable cartridge insert. Element shall be iron-free, nickel-chrome material. Unit shall have replaceable filter in the inlet connector. Unit shall include an integrated flow meter to ensure accurate turn-on / turn-off flow rate. Heater shall be fitted with 3/8" compression fittings to eliminate the need for soldering. Maximum operating pressure of 150 PSI. Diagnostic features to include LED error/fault indicator. Heater shall employ technology that engages upon start-up to avoid dry-fire occurrence. Hot water storage tanks prohibited. Unit shall be Eemax or approved equal.

NOTE: Refer to rating chart for product information.

Specification options to be included with SPEX models:

- ____ **N4** NEMA 4 steel cabinet with powder coat finish
- ____ **N4X** NEMA 4 stainless steel, corrosion-resistant cabinet

MODEL NUMBER	KW	AMPS	RECOMMENDED WIRE SIZE (75° C/CL)	TURN ON (GPM)	TEMPERATURE RISE °F					
					0.3 GPM	0.5 GPM	0.75 GPM	1.0 GPM	1.5 GPM	2.0 GPM
VOLTS 120										
SPEX1812	1.8	15	14 AWG	0.2	41°	25°	16°	12°	8°	6°
C SPEX1812CA (Canadian model)	1.8	15	14 AWG	0.2	41°	25°	16°	12°	8°	6°
SPEX2412	2.4	20	14 AWG	0.25	55°	33°	22°	16°	11°	8°
C SPEX2412CA (Canadian model)	2.4	20	14 AWG	0.25	55°	33°	22°	16°	11°	8°
SPEX3012	3.0	25	12 AWG	0.25	68°	41°	27°	20°	14°	10°
C SPEX3012CA (Canadian model)	3.0	25	12 AWG	0.25	68°	41°	27°	20°	14°	10°
SPEX3512	3.5	29	10 AWG	0.3	80°	48°	32°	24°	16°	12°
C SPEX3512CA (Canadian model)	3.5	29	10 AWG	0.3	80°	48°	32°	24°	16°	12°
VOLTS 208 Single Phase										
SPEX3208	3.0	15	14 AWG	0.25	68°	41°	27°	20°	14°	10°
C SPEX3208CA (Canadian model)	3.0	15	14 AWG	0.25	68°	41°	27°	20°	14°	10°
SPEX4208	4.1	20	14 AWG	0.4	-	56°	37°	28°	19°	14°
C SPEX4208CA (Canadian model)	4.1	20	14 AWG	0.4	-	56°	37°	28°	19°	14°
SPEX8208	8.3	40	8 AWG	0.7	-	-	76°	57°	38°	28°
C SPEX8208CA (Canadian model)	8.3	40	8 AWG	0.7	-	-	76°	57°	38°	28°
VOLTS 240*										
SPEX35	3.5	15	14 AWG	0.3	80°	48°	32°	24°	16°	12°
SPEX35 (derated 208V performance)	2.6	13	14 AWG	0.3	59°	36°	24°	18°	12°	9°
C SPEX35CA (Canadian model)	3.5	15	14 AWG	0.3	80°	48°	32°	24°	16°	12°
SPEX48	4.8	20	14 AWG	0.4	-	66°	44°	33°	22°	16°
SPEX48 (derated 208V performance)	3.6	17	14 AWG	0.4	-	49°	33°	25°	16°	12°
C SPEX48CA (Canadian model)	4.8	20	14 AWG	0.4	-	66°	44°	33°	22°	16°
SPEX55	5.5	23	12 AWG	0.5	-	75°	50°	38°	25°	19°
SPEX55 (derated 208V performance)	4.1	20	12 AWG	0.5	-	56°	37°	28°	19°	14°
C SPEX55CA (Canadian model)	5.5	23	12 AWG	0.5	-	75°	50°	38°	25°	19°
SPEX65	6.5	27	10 AWG	0.7	-	-	59°	44°	30°	22°
SPEX65 (derated 208V performance)	4.8	23	10 AWG	0.7	-	-	44°	33°	22°	16°
C SPEX65CA (Canadian model)	6.5	27	10 AWG	0.7	-	-	59°	44°	30°	22°
SPEX75	7.5	32	10 AWG	0.7	-	-	68°	51°	34°	26°
SPEX75 (derated 208V performance)	5.6	27	10 AWG	0.7	-	-	51°	38°	25°	19°
C SPEX75CA (Canadian model)	7.5	32	10 AWG	0.7	-	-	68°	51°	34°	26°
SPEX95	9.5	40	8 AWG	0.8	-	-	65°	43°	32°	22°
SPEX95 (derated 208V performance)	5.6	34	8 AWG	0.8	-	-	38°	25°	19°	14°
C SPEX95CA (Canadian model)	9.5	40	8 AWG	0.8	-	-	65°	43°	32°	22°
VOLTS 277 Single Phase										
SPEX3277	3.0	11	14 AWG	0.25	68°	41°	27°	20°	14°	10°
C SPEX3277CA (Canadian model)	3.0	11	14 AWG	0.25	68°	41°	27°	20°	14°	10°
SPEX4277	4.1	15	14 AWG	0.4	-	56°	37°	28°	19°	14°
C SPEX4277CA (Canadian model)	4.1	15	14 AWG	0.4	-	56°	37°	28°	19°	14°
SPEX60	6.0	22	12 AWG	0.7	-	-	55°	41°	27°	20°
C SPEX60CA (Canadian model)	6.0	22	12 AWG	0.7	-	-	55°	41°	27°	20°
SPEX80	8.0	29	10 AWG	0.7	-	-	73°	55°	36°	27°
C SPEX80CA (Canadian model)	8.0	29	10 AWG	0.7	-	-	73°	55°	36°	27°
SPEX90	9.0	33	10 AWG	0.7	-	-	82°	61°	41°	31°
C SPEX90CA (Canadian model)	9.0	33	10 AWG	0.7	-	-	82°	61°	41°	31°
SPEX100	10.0	36	8 AWG	0.8	-	-	68°	46°	34°	24°
C SPEX100CA (Canadian model)	10.0	36	8 AWG	0.8	-	-	68°	46°	34°	24°

* 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.

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

