

Applications

- Non-public handwashing
- Point-of-use & fixed-flow fixture
- One (1) lavatory faucet, sensor faucet or metering faucet
- For thermostatic product comfort and convenience, see LavAdvantage on page 36-37. For public handwashing and UPC 407.3 compliance, see AccuMix II on pages 38 - 39.

Performance Features

- 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 0.2 GPM turn on (model dependent)
- Mounts in any orientation for a flexible installation
- Only one cold water line needed for an easy installation
- No T&P relief valve needed (check local codes)
- 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. Operating Pressure:	30 PSI
Max. Operating Pressure:	150 PSI
Element:	Replaceable nichrome cartridge insert
Fittings:	3/8" compression fittings
UL listed file number:	E86887

Special Design Service

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



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
- EX68031-15** Disconnect Switch (see page 42-43)

NOTE: Unit should not be used in a recirculation application. Contact an EEMAX representative for alternative recommendations.

NOTE: Not recommended for use in meeting public handwashing UPC 407.3 and IPC 416.5 requirements. FlowCo is not compatible with thermostatic mixing valves. Please see AccuMix pages 36 and 37.

TEMPERATURE RISE °F

		TOTAL KW	AMP DRAW	CIRCUITS REQUIRED X BREAKER SIZE	RECOMMENDED WIRE SIZE (75° C/CU)	TURN ON (GPM)	0.3 GPM	0.5 GPM	.75 GPM	1.0 GPM	1.5 GPM	2.0 GPM
VOLTS 120												
	SPEX1812	1.8	15	(1x15)	14 AWG	0.2	41°	25°	16°	12°	8°	6°
C	SPEX1812CA (Canadian model)	1.8	15	(1x15)	14 AWG	0.2	41°	25°	16°	12°	8°	6°
	SPEX2412	2.4	20	(1x20)	14 AWG	0.25	55°	33°	22°	16°	11°	8°
C	SPEX2412CA (Canadian model)	2.4	20	(1x20)	14 AWG	0.25	55°	33°	22°	16°	11°	8°
	SPEX3012	3.0	25	(1x25)	12 AWG	0.25	68°	41°	27°	20°	14°	10°
C	SPEX3012CA (Canadian model)	3.0	25	(1x25)	12 AWG	0.25	68°	41°	27°	20°	14°	10°
	SPEX3512	3.5	30	(1x30)	10 AWG	0.3	80°	48°	32°	24°	16°	12°
C	SPEX3512CA (Canadian model)	3.5	30	(1x30)	10 AWG	0.3	80°	48°	32°	24°	16°	12°
VOLTS 208 Single Phase												
	SPEX3208	3.0	15	(1x15)	14 AWG	0.25	68°	41°	27°	20°	14°	10°
C	SPEX3208CA (Canadian model)	3.0	15	(1x15)	14 AWG	0.25	68°	41°	27°	20°	14°	10°
	SPEX4208	4.1	20	(1x20)	14 AWG	0.4	—	56°	37°	28°	19°	14°
C	SPEX4208CA (Canadian model)	4.1	20	(1x20)	14 AWG	0.4	—	56°	37°	28°	19°	14°
	SPEX8208	8.3	40	(1x40)	8 AWG	0.7	—	—	76°	57°	38°	28°
C	SPEX8208CA (Canadian model)	8.3	40	(1x40)	8 AWG	0.7	—	—	76°	57°	38°	28°
VOLTS 240° Single Phase												
	SPEX35	3.5	15	(1x15)	14 AWG	0.3	80°	48°	32°	24°	16°	12°
	SPEX35 (derated 208V performance)	2.6	12.6	(1x15)	14 AWG	0.3	51°	36°	24°	18°	12°	9°
C	SPEX35CA (Canadian model)	3.5	15	(1x15)	14 AWG	0.3	80°	48°	32°	24°	16°	12°
	SPEX48	4.8	20	(1x20)	14 AWG	0.4	—	66°	44°	33°	22°	16°
	SPEX48 (derated 208V performance)	3.6	17.3	(1x20)	14 AWG	0.4	70°	49°	33°	25°	16°	12°
C	SPEX48CA (Canadian model)	4.8	20	(1x20)	14 AWG	0.4	—	66°	44°	33°	22°	16°
	SPEX55	5.5	23	(1x25)	12 AWG	0.5	—	75°	50°	38°	25°	19°
	SPEX55 (derated 208V performance)	4.1	19.8	(1x25)	12 AWG	0.5	80°	56°	37°	28°	19°	14°
C	SPEX55CA (Canadian model)	5.5	23	(1x25)	12 AWG	0.5	—	75°	50°	38°	25°	19°
	SPEX65	6.5	27	(1x30)	10 AWG	0.7	—	—	59°	44°	30°	22°
	SPEX65 (derated 208V performance)	4.9	23.4	(1x30)	12 AWG	0.7	95°	66°	44°	33°	22°	17°
C	SPEX65CA (Canadian model)	6.5	27	(1x30)	10 AWG	0.7	—	—	59°	44°	30°	22°
	SPEX75	7.5	32	(1x40)	10 AWG	0.7	—	—	68°	51°	34°	26°
	SPEX75 (derated 208V performance)	5.6	27	(1x40)	12 AWG	0.7	†	77°	51°	38°	26°	19°
C	SPEX75CA (Canadian model)	7.5	32	(1x40)	10 AWG	0.7	—	—	68°	51°	34°	26°
	SPEX95	9.5	40	(1x40)	8 AWG	0.8	—	—	—	65°	43°	32°
	SPEX95 (derated 208V performance)	6.9	33.0	(1x40)	8 AWG	0.8	†	94°	—	47°	31°	23°
C	SPEX95CA (Canadian model)	9.5	40	(1x40)	8 AWG	0.8	—	—	—	65°	43°	32°
VOLTS 277 Single Phase												
	SPEX3277	3.0	11	(1x15)	14 AWG	0.25	68°	41°	27°	20°	14°	10°
C	SPEX3277CA (Canadian model)	3.0	11	(1x15)	14 AWG	0.25	68°	41°	27°	20°	14°	10°
	SPEX4277	4.1	15	(1x15)	14 AWG	0.4	—	56°	37°	28°	19°	14°
C	SPEX4277CA (Canadian model)	4.1	15	(1x15)	14 AWG	0.4	—	56°	37°	28°	19°	14°
	SPEX60	6.0	22	(1x25)	12 AWG	0.7	—	—	55°	41°	27°	20°
C	SPEX60CA (Canadian model)	6.0	22	(1x25)	12 AWG	0.7	—	—	55°	41°	27°	20°
	SPEX80	8.0	29	(1x30)	10 AWG	0.7	—	—	73°	55°	36°	27°
C	SPEX80CA (Canadian model)	8.0	29	(1x30)	10 AWG	0.7	—	—	73°	55°	36°	27°
	SPEX90	9.0	33	(1x35)	10 AWG	0.7	—	—	82°	61°	41°	31°
C	SPEX90CA (Canadian model)	9.0	33	(1x35)	10 AWG	0.7	—	—	82°	61°	41°	31°
	SPEX100	10.0	36	(1x40)	8 AWG	0.8	—	—	—	68°	46°	34°
C	SPEX100CA (Canadian model)	10.0	36	(1x40)	8 AWG	0.8	—	—	—	68°	46°	34°

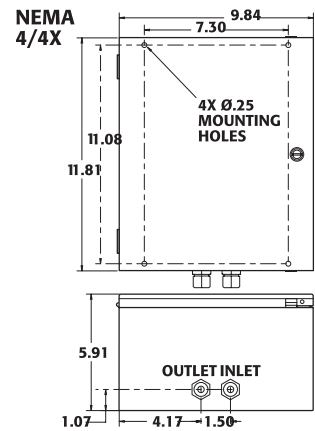
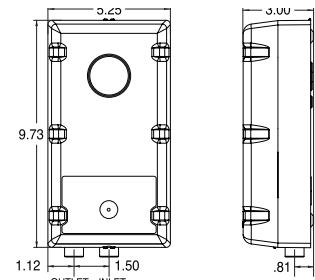
NOTE: Unit should not be used in a recirculation application. Contact an EEMAX representative for alternative recommendations.

NOTE: FlowCo non-thermostatic units are NEVER to be used or specified in booster applications or in any application that has a hot water feed.

*240V units can be used on 208V single phase with approximately 25% reduced kilowatt 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.

FlowCo products are NEVER to be used in conjunction with ASSE 1070 mixing valves for public handwashing applications or any application requiring temperature control.



Disconnect Switch Applications

EX68031-15	EX68031-16
SPEX1812, SPEX1812, SPEX2412, SPEX3012, SPEX3512, SPEX3208, SPEX4208, SPEX35, SPEX48, SPEX55, SPEX65, SPEX3277, SPEX4277, SPEX60, SPEX80	SPEX75, SPEX95, SPEX4208, SPEX8208, SPEX90, SPEX100