FlowCo™

Non-Thermostatic Heater for Non-Public Handwashing And Other Fixed-Flow Applications

Specifications
Tankless Electric Water Heater

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.**

Mount in any Orientation

SafeStart™ Technology

c UL us LISTED

c SA us LOW LEAD CONTENT

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

bimobject Find our products on bimobject.com BIM

AHRI CERTIFIED® www.ahridirectory.org Globally Recognized. Industry Respected.

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.

FlowCo™

Non-Thermostatic Heater for Non-Public Handwashing And Other Fixed-Flow Applications

Specifications
Tankless Electric Water Heater

		kW	TOTAL AMP DRAW	CIRCUITS REQUIRED X BREAKER SIZE	RECOMMENDED WIRE SIZE (75° C/CU)	TURN ON (GPM)	TEMPERATURE RISE °F 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)	12 AWG	0.25	55°	33°	22°	16°	11°	8°
C	**SPEX2412CA** (Canadian model)	2.4	20	(1x20)	12 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)	12 AWG	0.4	–	56°	37°	28°	19°	14°
C	**SPEX4208CA** (Canadian model)	4.1	20	(1x20)	12 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)	12 AWG	0.4	–	66°	44°	33°	22°	16°
	SPEX48 (derated 208V performance)	3.6	17.3	(1x20)	12 AWG	0.4	70°	49°	33°	25°	16°	12°
C	**SPEX48CA** (Canadian model)	4.8	20	(1x20)	12 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)	14 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)	10 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)	10 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°

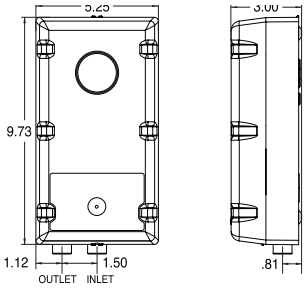
NOTE: Unit should not be used in a recirculation application. Contact an EEMAX representative for alternative recommendations.

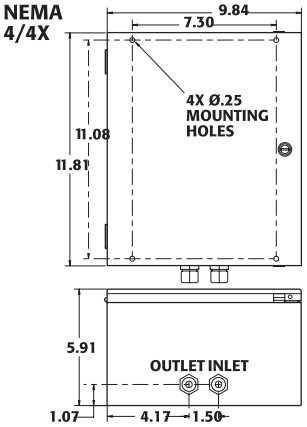
NOTE: FlowCo non-thermostatic units are NEVER to be used or specified in booster applications or in any application that has a hot water feed.

*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