

SHOP DRAWING TRANSMITTAL

To: Daniel Cusimano Architect Inc.
185 Bridgeland Ave.
Suite 107
Toronto, ON M6A 1Y7

Att: Stacey Melville

Project: **Shopper's Drug Mart #909**
Signature Centre
499 Terry Fox Drive
Kanata, Ontario

From: Kyle McCallum
Date: July 18, 2025
File: 7492.pt

We have reviewed the attached contractor's equipment shop drawings for general conformity with the design documents and are forwarding them to you for your use in association with the above noted project.

The documents are sent by: Courier • Hand • Pick-up • Facsimile • **E-mail**

<u>Qty</u>	<u>Shop Drawings</u>	<u>Notes</u>
1	Plumbing Fixtures	Reviewed: Ensure sinks' supplies are being provided. Verify quantities prior to ordering. Shop drawings received via email and returned. Ensure hard copies are created for submission with maintenance manual.



54 Audia Court, Unit 2
Concord, ON L4K 3N5
(905)-738-1400

Submittal

PROJECT NAME	PROJECT ADDRESS	DATE SUBMITTED
SDM 909 - PCC Phase Kanata 25-040	499 Terry Fox Drive Kanata, ON	
TO	FROM	
Nick Cvik		
COMPANY	COMPANY	
FLUID CONSTRUCTION & PROJECT MANAGEMENT		
EMAIL	EMAIL	
nick@fluidconstruction.ca		
ADDRESS	ADDRESS	
2800 JOHN ST #23 MARKHAM, ON L3R 0E2	54 Audia Court, Unit 2 Concord, ON L4K 3N5	

Title

Plumbing Fixtures

Description

HS : LBS9106-1 / 1959LF
WH-1,2 : SPEX4208T

SPEC	SUBSECTION	ITEM	TYPE
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INTEGRATED ENGINEERING		
REVIEW OF THIS DRAWING IS FOR GENERAL CONFORMITY WITH THE DESIGN ONLY. THE CONTRACTOR IS RESPONSIBLE FOR ALL REQUIREMENTS OF THE INSTALLATION.		
PROJ No.	7492	REVIEWED 
DATE	25.07.18	REVISED
BY	KJM	RESUBMIT

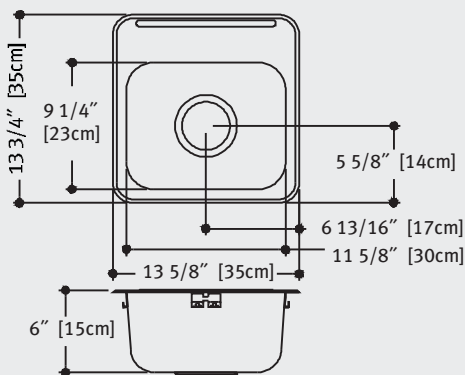
SEE NOTES & COMMENTS
ON TRANSMITTAL

SHOP DRAWING PACKAGE

Prepared for
CONSULT
MECHANICAL

**SHOPPERS
DRUG MART
#909 - 499
TERRY FOX
DR**

JULY 16, 2025



cUPC®

**Specification:**

ADA compliant. Single compartment sink with faucet ledge. 20 gauge, type 302, 18-8 stainless steel. Self rimming. Exposed surfaces are satin finished. Undercoated to reduce condensation and resonance. Includes factory applied rim seal, cutout template, Universal Installation System hardware and waste assembly, location center.

Compartment Size: 9 1/4" x 11 5/8" x 6" (23cm x 30cm x 15cm)

Overall Size: 13 3/4" x 13 5/8" (35cm x 35cm)

Waste Options:

-1 = 3 1/2" (89mm) crumb cup waste assembly.

-3 = 1 1/2" (38mm) duplex waste assembly, with rubber stopper.

3 1/2" waste

☒ LBS9106-1/1

☐ LBS9106-1/2

☐ LBS9106-1

1 1/2" waste

☐ LBS9106-3/1

☐ LBS9106-3/2

☐ LBS9106-3

Faucet hole drilling options

1 hole, 1 1/2" diameter

2 hole, 1 1/2" diameter, 4" centers

Custom (non-returnable)

***For custom please specify drilling requirements.**

Notes:

- Electronic specifications, reference www.kindred-sinkware.com
- The model as constructed is subject to the interpretation of local building codes. Check ADA, local wheelchair accessibility guidelines and local building codes to ensure the unobstructed knee space is achieved after installation.

PROJECT INFORMATION

Project Name: _____

Item Reference: _____

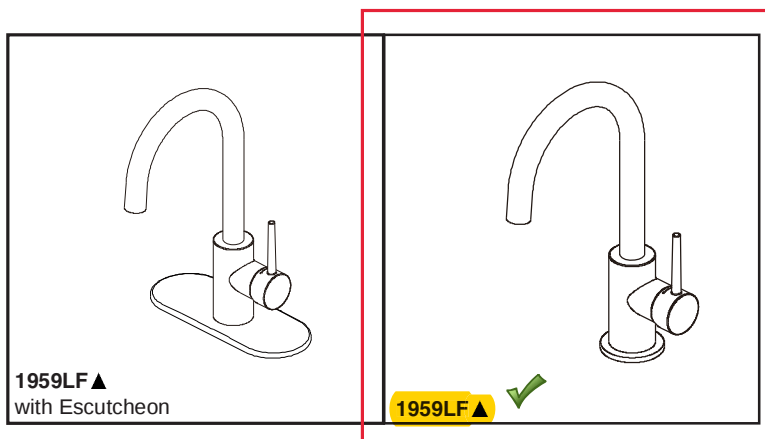
Location: _____

Quote #: _____

Faucet Model #: _____

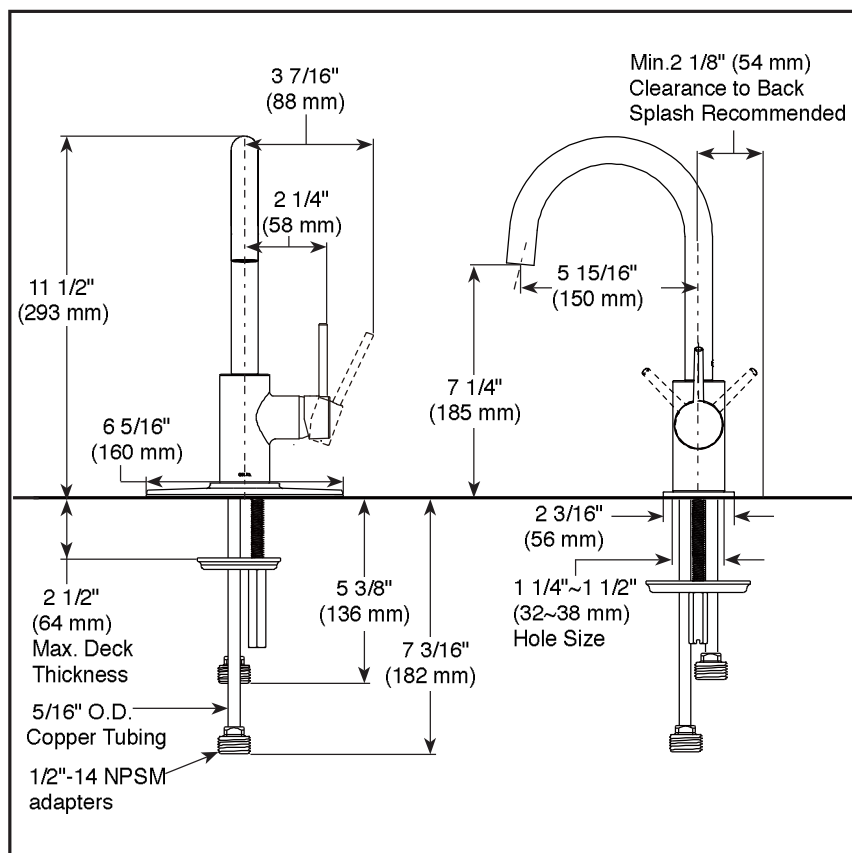
Drillings Required: _____

Notes: _____



Submitted Model No.: _____

Specific Features: _____



▲ Designate proper finish suffix



see what Delta can do™

BAR & PREP SINK FAUCETS

- Contemporary
- Single Handle Deck Mount

STANDARD SPECIFICATIONS

- One or three hole mount (escutcheon optional, not included)
- Max flow rate 1.5 gpm @ 60 psi, 5.7 L/min @ 414 kPa
- Solid brass fabricated body
- Spout rotates 120°
- Hot/Cold logo on handle to indicate temperature
- Ceramic disc cartridge
- 5/16" staggered copper supply lines with 1/2" adapters
- ADA compliant lever handle
- Order RP77702 for optional escutcheon
- Order RP1001 for coordinating soap dispenser

WARRANTY

- Parts and Finish - Lifetime limited warranty; or for commercial purchasers, 10 years for multi-family residential (apartments and condominiums) and 5 years for all other commercial uses, in each case from the date of purchase.
- Electronic Parts and Batteries (if applicable) - 5 years from the date of purchase; or for commercial purchasers, 1 year from the date of purchase. No warranty is provided on batteries.

COMPLIES WITH:

- ASME A112.18.1 / CSA B125.1
-  Indicates compliance to ICC/ANSI A117.1

Delta reserves the right (1) to make changes in specifications and materials, and (2) to change or discontinue models, both without notice or obligation. Dimensions are for reference only. See current full-line price book or www.deltafaucet.com for finish options and product availability.

DSP-K-1959LF Rev. D

Delta Faucet Company

55 E. 111th Street, Indianapolis, IN 46280
350 South Edgeware Road, St. Thomas, ON N5P 4L1
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Model 570 Thermostatic Mixing Valve for Point of Use Controlled Fixtures Unit No. 86820



CAPACITIES – MODEL 570-3/8"

Pressure Drop PSI	5	10	20	40
Valve Number	Capacity			
570-GPM	3	4	5	6.5
570-LPM	11	15	19	25

The mixing valve for point of use mixing fixtures shall be a lead free brass thermostatic mixing valve. The mixing valve shall be 3/8" Compression Fit. The mixing valve shall have a spindle to adjust outlet temperature. The mixing valve shall have internal checks. The mixing valve shall be Lawler model 570.

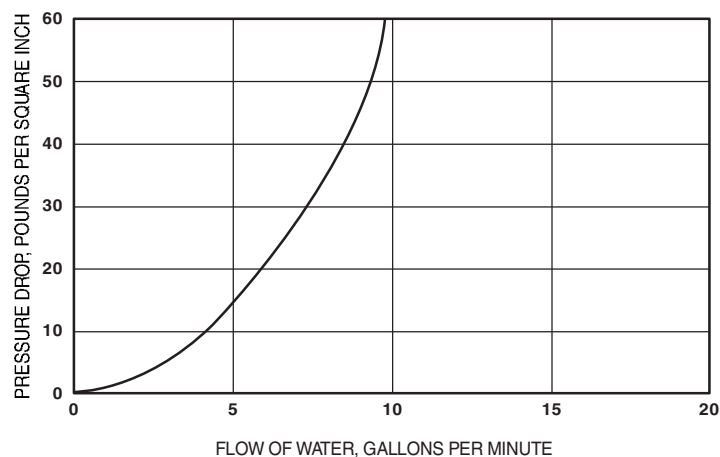
Specifications

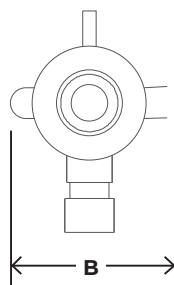
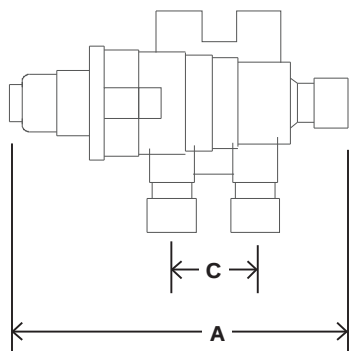
- Outlet temperature range: 95-115°F (35-46°C).
- Temperature, hot supply: 180°F max. (91°C).
- Temperature, cold supply: 40-80°F (4-27°C).
- Temperature stability (nominal): ±5°F (±3°C).
- Temperature differential (between hot supply and outlet temperature): 10°F (11°C).
- Hydrostatic pressure: 125 psi max. (1000 kPa).
- Permitted supply pressure variation: ±20%.
- Flow rate @ 45psi pressure loss: 7 gpm (26L/min).
- Flow rate, minimum: .25 gpm (4L/min).
- Flow rate, maximum: 8 gpm (30L/min).

Benefits

- Protects against scalding and chilling.
- Offers choice of temperature settings from 95° through 115°F.
- Easy installation.
- Backed by Lawler's One Year Warranty.

FLOW CAPACITIES - MODEL 570





Model 570 Unit No. 86820

Temperature Adjustment

To adjust the mixed outlet temperature of the valve, remove the cap to gain access to the adjusting spindle. The spindle should be rotated-clockwise to reduce the temperature, counter-clockwise to increase the temperature until the desired set point is reached.

DIMENSIONS

Valve Number	A	B	C
570	4-7/8"	1-3/4"	1-1/8"

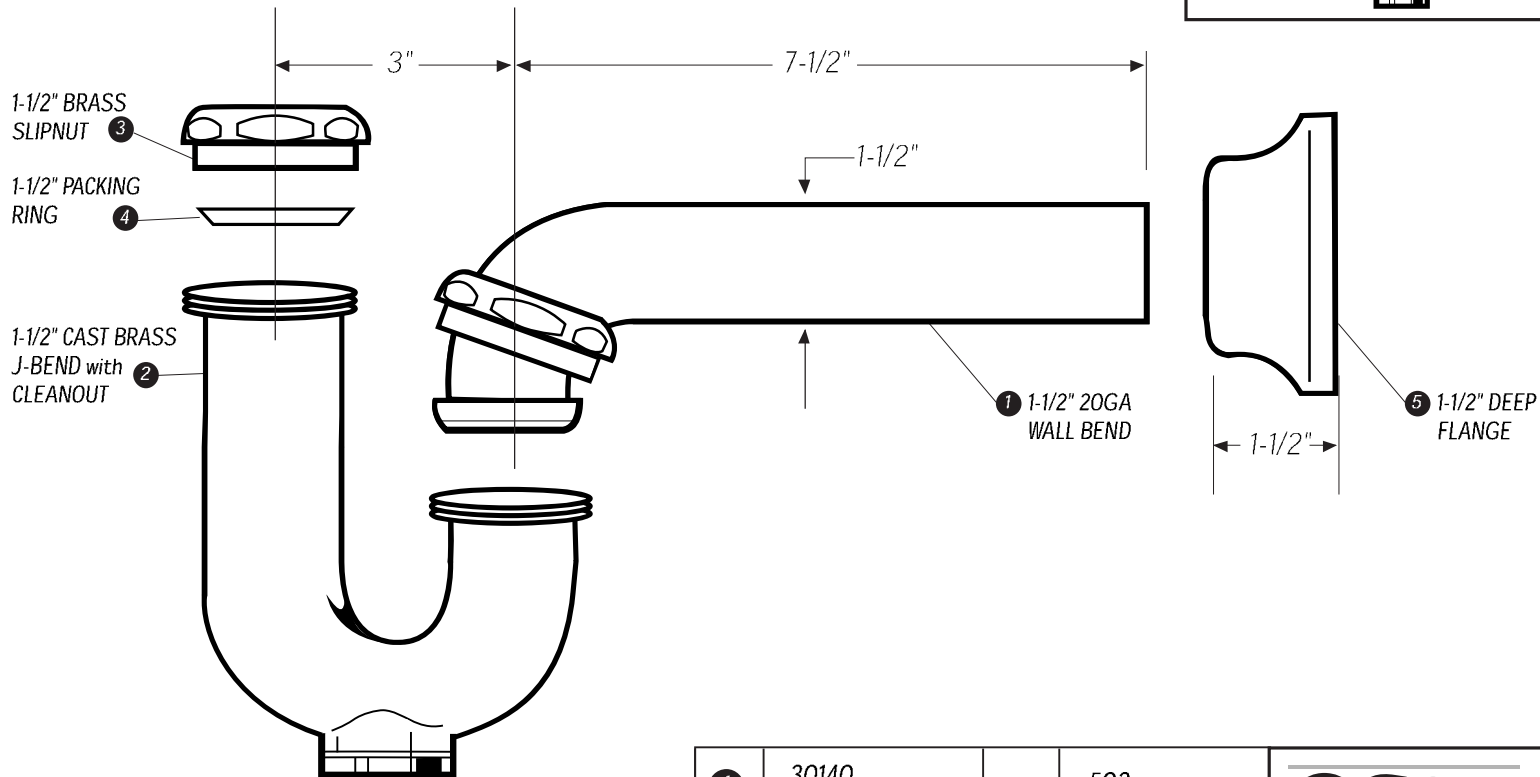
Dimensions are for reference purposes only. For rough-in dimensions please refer to Lawler's Revit/BIM models found at temperedwater.com.

Inlets & outlet are 3/8" compression fittings.

Fitting the Valve

The mixed water outlet from the valve should be used to supply outlets used primarily for personal hygiene purposes.

It is recommended that the valve is installed as close as possible to the point of use; however, it may be fitted anywhere on the hot water supply pipe.



1	30140 1-1/2" 20GA WALL BEND	5	503 1-1/2" DEEP FLANGE
2	19121 1-1/2" CAST BRASS J-BEND with CLEANOUT		
3	550B-CP 1-1/2" BRASS SLIP NUT		
4	405P 1-1/2" POLY PACKING RING		

OS&B

OAKVILLE STAMPING & BENDING

Date:
12/08/00Approved by:
K.ErnstDrawn by:
S.BlackScale:
not to scaleRevision:
01

Product:

Number:

1-1/2" SEMI-CAST TRAP w/co

ITEM #96

LavAdvantage

Point-of-use Micro Processor Temperature Control

Specifications

Electric Tankless Hot Water Heater

Applications

- Lavatory sinks
- Multi lav configurations ideal for sensor or metering faucets (ML option - 110°F max.)
- Emergency eye wash fountains (EE option - 90°F max.)

Performance Features

- Industry's lowest activation with 0.2 GPM turn on flow.
- Active energy management with power modulating controls
- Microprocessor temperature control with digital display for thermostatic accuracy $\pm 1^\circ\text{F}$. Field adjustable set point range between 70-140°F. Factory set at 120°F. Special settings of higher or lower range available based on options. (see Specification Options)
- Silent Operation (except for SPEX0122240T)
- Mounts in any orientation
- Cut energy waste. Flow switch activates heater only on demand (no standby heat loss) – 99% efficient
- Save Water – “Point of Use”
- Eliminate costly mixing valves (check local codes)
- Continuous hot water. No storage capacity to run out
- Install unit at point-of-use to eliminate long pipe runs
- Easy installation. Only one cold or hot water line need be brought to installation – integral compression fittings are 3/8" (no sweat connections)
- Reduces installation cost and materials. No T&P relief valve needed (check local codes)
- High temperature limit switch (ECO)
- Booster up to 180°F (S option)
- Compact size
- 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 2.875"
Weight:	4 lbs.
Cover:	ABS UL rated 94 5VA
Color:	White
Adj. Set Point Temp. Range:	70°F-140°F
Dynamic Operating Pressure Range:	25 PSI - 150 PSI
Element:	Replaceable Ni Chrome cartridge insert
Fittings:	3/8" pipe compression fittings at bottom of unit (5/8" OD)
UL listed file number:	E86887

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.



The wetted surface of this product contacted by water contains less than 0.25% lead and meets ANSI/NSF 372



Suggested Specification

Tankless water heater shall be an Eemax Thermostatic model number SPEX_____.

Unit shall have ABS-UL 94 5VA rated cover. Unit has 0.2 gpm turn on. Unit can be mounted in any direction. Element shall be replaceable cartridge insert. Tankless water heater to utilize complex algorithm, actively managing power application to real time system demand. Integrated flow meter, along with inlet and outlet temperature sensors provide data which allows the unit to instantly adapt to variations in input parameters. Unit shall have replaceable filter in the inlet connector. Element shall be iron free, Nickel Chrome material. Heater shall be fitted with 3/8" compression fittings (5/8" OD) on bottom of unit to eliminate need for soldering. Maximum operating pressure of 150 PSI. Hot water storage tanks prohibited. Unit shall be Eemax or approved equal.

Specification options to be included with SPEX models:

___ EE	Emergency Eyewash. Meets ANSI tepid water requirements. Max. temperature 90°F
___ ML	Multiple Lavatory. Factory set to 110°F
___ S	Sanitation. Factory set not to exceed temperature of 180°F
___ N4	NEMA 4 waterproof cabinet w/powder coat finish
___ N4X	NEMA 4 stainless steel waterproof corrosion-resistant cabinet

Tankless water heater user interface must have the following capabilities:

- Selectable display including Celsius /Fahrenheit, set point, flow rate, inlet temperature outlet temperature, power factor
- Capable of displaying flow rate in gallons per minute & liters per minute
- Diagnostic features to include error/fault display
- Control board must maintain error/fault history of 5 events

LavAdvantage

Point-of-use Micro Processing Temperature Control

Specifications

Electric Tankless Hot Water Heater

					TEMPERATURE RISE °F					
MODEL NUMBER		kW	AMPS	TURN ON (GPM)	REC'D WIRE SIZE (CU)	0.2 GPM	0.35 GPM	0.5 GPM	1.0 GPM	2.0 GPM
VOLTS 120										
C	SPEX1812T	1.8kW	15A	0.2	14 AWG	61°	35°	25°	12°	6°
C	SPEX1812T EE	1.8kW	15A	0.2	14 AWG	61°	35°	25°	12°	6°
C	SPEX1812T S	1.8kW	15A	0.2	14 AWG	61°	35°	25°	12°	6°
C	SPEX2412T	2.4kW	20A	0.2	12 AWG	82°	47°	33°	16°	8°
C	SPEX2412T EE	2.4kW	20A	0.2	12 AWG	82°	47°	33°	16°	8°
C	SPEX2412T S	2.4kW	20A	0.2	12 AWG	82°	47°	33°	16°	8°
C	SPEX3012T	3.0kW	25A	0.2	10 AWG	102°	59°	41°	20°	10°
C	SPEX3012T EE	3.0kW	25A	0.2	10 AWG	102°	59°	41°	20°	10°
C	SPEX3012T S	3.0kW	25A	0.2	10 AWG	102°	59°	41°	20°	10°
C	SPEX3512T	3.5kW	29A	0.2	10 AWG	†	68°	48°	24°	12°
C	SPEX3512T EE	3.5kW	29A	0.2	10 AWG	†	68°	48°	24°	12°
C	SPEX3512T ML	3.5kW	29A	0.2	10 AWG	†	68°	48°	24°	12°
C	SPEX3512T S	3.5kW	29A	0.2	10 AWG	120°	68°	48°	24°	12°
VOLTS 240*										
C	SPEX35T	3.5kW	15A	0.2	14 AWG	†	68°	48°	24°	12°
C	SPEX35T (derated 208V perf.)	2.7kW	13A	0.2	14 AWG	92°	53°	37°	18°	9°
C	SPEX35T EE	3.5kW	15A	0.2	14 AWG	†	68°	48°	24°	12°
C	SPEX35T ML	3.5kW	15A	0.2	14 AWG	†	68°	48°	24°	12°
C	SPEX35T S	3.5kW	15A	0.2	14 AWG	120°	68°	48°	24°	12°
C	SPEX48T	4.8kW	20A	0.2	12 AWG	†	94°	66°	33°	16°
C	SPEX48T (derated 208V perf.)	3.6kW	17A	0.2	12 AWG	†	70°	49°	25°	12°
C	SPEX48T EE	4.8kW	20A	0.2	12 AWG	†	94°	66°	33°	16°
C	SPEX48T ML	4.8kW	20A	0.2	12 AWG	†	94°	66°	33°	16°
C	SPEX48T S	4.8kW	20A	0.2	12 AWG	†	94°	66°	33°	16°
C	SPEX55T	5.5kW	23A	0.2	10 AWG	†	†	75°	38°	19°
C	SPEX55T (derated 208V perf.)	4.1kW	20A	0.2	10 AWG	†	80°	56°	28°	14°
C	SPEX55T EE	5.5kW	23A	0.2	10 AWG	†	†	75°	38°	19°
C	SPEX55T ML	5.5kW	23A	0.2	10 AWG	†	†	75°	38°	19°
C	SPEX55T S	5.5kW	23A	0.2	10 AWG	†	107°	75°	38°	19°
C	SPEX65T	6.5kW	27A	0.2	10 AWG	†	†	89°	44°	22°
C	SPEX65T (derated 208V perf.)	4.9kW	24A	0.2	10 AWG	†	96°	67°	33°	17°
C	SPEX65T EE	6.5kW	27A	0.2	10 AWG	†	†	89°	44°	22°
C	SPEX65T ML	6.5kW	27A	0.2	10 AWG	†	†	89°	44°	22°
C	SPEX65T S	6.5kW	27A	0.2	10 AWG	†	127°	89°	44°	22°
C	SPEX75T	7.5kW	32A	0.2	8 AWG	†	†	102°	51°	26°
C	SPEX75T (derated 208V perf.)	5.6kW	27A	0.2	8 AWG	†	†	76°	38°	19°
C	SPEX75T EE	7.5kW	32A	0.2	8 AWG	†	†	102°	51°	26°
C	SPEX75T ML	7.5kW	32A	0.2	8 AWG	†	†	102°	51°	26°
C	SPEX75T S	7.5kW	32A	0.2	8 AWG	†	†	102°	51°	26°
C	SPEX95T	9.5kW	40A	0.2	8 AWG	†	†	†	65°	32°
C	SPEX95T (derated 208V perf.)	7.0kW	34A	0.2	8 AWG	†	†	†	96°	48°
C	SPEX95T EE	9.5kW	40A	0.2	8 AWG	†	†	†	65°	32°
C	SPEX95T ML	9.5kW	40A	0.2	8 AWG	†	†	†	65°	32°
C	SPEX95T S	9.5kW	40A	0.2	8 AWG	†	†	†	130°	65°
C	SPEX012240T	11.5kW	48A	0.2	6 AWG	†	†	†	79°	39°
C	SPEX012240T (derated 208V perf.)	8.7kW	42A	0.2	6 AWG	†	†	†	59°	30°
C	SPEX012240T EE	11.5kW	48A	0.2	6 AWG	†	†	†	79°	39°
C	SPEX012240T ML	11.5kW	48A	0.2	6 AWG	†	†	†	79°	39°
C	SPEX012240T S	11.5kW	48A	0.2	6 AWG	†	†	†	79°	39°

* 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.

† Temperature electronically limited to factory preset not to exceed temperature.

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

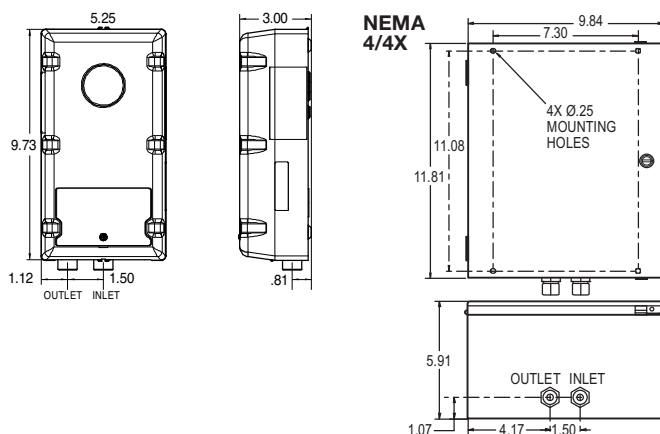
					TEMPERATURE RISE °F				
MODEL NUMBER	kW	AMPS	TURN ON (GPM)	REC'D WIRE SIZE (CU)	0.2 GPM	0.35 GPM	0.5 GPM	1.0 GPM	2.0 GPM
VOLTS 208 Single Phase									
C SPEX3208T	3.0kW	15A	0.2	14 AWG	102°	59°	41°	20°	10°
C SPEX3208T ML	3.0kW	15A	0.2	14 AWG	102°	59°	41°	20°	10°
C SPEX4208T	4.1kW	20A	0.2	12 AWG	†	80°	56°	28°	14°
C SPEX4208T EE	4.1kW	20A	0.2	12 AWG	†	80°	56°	28°	14°
C SPEX4208T ML	4.1kW	20A	0.2	12 AWG	†	80°	56°	28°	14°
C SPEX4208T S	4.1kW	20A	0.2	12 AWG	140°	80°	56°	28°	14°
C SPEX8208T	8.3kW	40A	0.2	8 AWG	†	†	†	57°	28°
C SPEX8208T EE	8.3kW	40A	0.2	8 AWG	†	†	†	57°	28°
C SPEX8208T ML	8.3kW	40A	0.2	8 AWG	†	†	†	57°	28°
C SPEX8208T S	8.3kW	40A	0.2	8 AWG	†	†	113°	57°	28°
VOLTS 277									
SPEX3277T	3.0kW	11A	0.2	14 AWG	102°	59°	41°	20°	10°
SPEX3277T EE	3.0kW	11A	0.2	14 AWG	102°	59°	41°	20°	10°
SPEX3277T ML	3.0kW	11A	0.2	14 AWG	102°	59°	41°	20°	10°
SPEX3277T S	3.0kW	11A	0.2	14 AWG	102°	59°	41°	20°	10°
SPEX4277T	4.1kW	14.8A	0.2	14 AWG	†	80°	56°	28°	14°
SPEX4277T EE	4.1kW	14.8A	0.2	14 AWG	†	80°	56°	28°	14°
SPEX4277T ML	4.1kW	14.8A	0.2	14 AWG	†	80°	56°	28°	14°
SPEX4277T S	4.1kW	14.8A	0.2	14 AWG	140°	80°	56°	28°	14°
SPEX60T	6.0kW	22A	0.2	10 AWG	†	†	82°	41°	20°
SPEX60T EE	6.0kW	22A	0.2	10 AWG	†	†	82°	41°	20°
SPEX60T ML	6.0kW	22A	0.2	10 AWG	†	†	82°	41°	20°
SPEX60T S	6.0kW	22A	0.2	10 AWG	†	117°	82°	41°	20°
SPEX80T	8.0kW	29A	0.2	10 AWG	†	†	†	55°	27°
SPEX80T EE	8.0kW	29A	0.2	10 AWG	†	†	†	55°	27°
SPEX80T ML	8.0kW	29A	0.2	10 AWG	†	†	†	55°	27°
SPEX80T S	8.0kW	29A	0.2	10 AWG	†	†	109°	55°	27°
SPEX90T	9.0kW	33A	0.2	8 AWG	†	†	†	61°	31°
SPEX90T EE	9.0kW	33A	0.2	8 AWG	†	†	†	61°	31°
SPEX90T ML	9.0kW	33A	0.2	8 AWG	†	†	†	61°	31°
SPEX90T S	9.0kW	33A	0.2	8 AWG	†	†	123°	61°	31°
SPEX100T	10.0kW	36A	0.2	8 AWG	†	†	†	68°	34°
SPEX100T EE	10.0kW	36A	0.2	8 AWG	†	†	†	68°	34°
SPEX100T ML	10.0kW	36A	0.2	8 AWG	†	†	†	68°	34°
SPEX100T S	10.0kW	36A	0.2	8 AWG	†	†	137°	68°	34°

Suffix Definitions

EE Meets ANSI Z358.1 emergency eye/face wash tepid water requirements

ML Multi lavs 0.2 turn on with 110° temp setting

S Sanitation not to exceed 180°



LavAdvantage

Point-of-use Micro Processor Temperature Control

Specifications

Electric Tankless Hot Water Heater

Applications

- Lavatory sinks
- Multi lav configurations ideal for sensor or metering faucets (ML option - 110°F max.)
- Emergency eye wash fountains (EE option - 90°F max.)

Performance Features

- Industry's lowest activation with 0.2 GPM turn on flow.
- Active energy management with power modulating controls
- Microprocessor temperature control with digital display for thermostatic accuracy $\pm 1^\circ\text{F}$. Field adjustable set point range between 70-140°F. Factory set at 120°F. Special settings of higher or lower range available based on options. (see Specification Options)
- Silent Operation (except for SPEX0122240T)
- Mounts in any orientation
- Cut energy waste. Flow switch activates heater only on demand (no standby heat loss) – 99% efficient
- Save Water – “Point of Use”
- Eliminate costly mixing valves (check local codes)
- Continuous hot water. No storage capacity to run out
- Install unit at point-of-use to eliminate long pipe runs
- Easy installation. Only one cold or hot water line need be brought to installation – integral compression fittings are 3/8" (no sweat connections)
- Reduces installation cost and materials. No T&P relief valve needed (check local codes)
- High temperature limit switch (ECO)
- Booster up to 180°F (S option)
- Compact size
- 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 2.875"
Weight:	4 lbs.
Cover:	ABS UL rated 94 5VA
Color:	White
Adj. Set Point Temp. Range:	70°F-140°F
Dynamic Operating Pressure Range:	25 PSI - 150 PSI
Element:	Replaceable Ni Chrome cartridge insert
Fittings:	3/8" pipe compression fittings at bottom of unit (5/8" OD)
UL listed file number:	E86887

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.



The wetted surface of this product contacted by water contains less than 0.25% lead and meets ANSI/NSF 372



Suggested Specification

Tankless water heater shall be an Eemax Thermostatic model number SPEX_____.

Unit shall have ABS-UL 94 5VA rated cover. Unit has 0.2 gpm turn on. Unit can be mounted in any direction. Element shall be replaceable cartridge insert. Tankless water heater to utilize complex algorithm, actively managing power application to real time system demand. Integrated flow meter, along with inlet and outlet temperature sensors provide data which allows the unit to instantly adapt to variations in input parameters. Unit shall have replaceable filter in the inlet connector. Element shall be iron free, Nickel Chrome material. Heater shall be fitted with 3/8" compression fittings (5/8" OD) on bottom of unit to eliminate need for soldering. Maximum operating pressure of 150 PSI. Hot water storage tanks prohibited. Unit shall be Eemax or approved equal.

Specification options to be included with SPEX models:

___ EE	Emergency Eyewash. Meets ANSI tepid water requirements. Max. temperature 90°F
___ ML	Multiple Lavatory. Factory set to 110°F
___ S	Sanitation. Factory set not to exceed temperature of 180°F
___ N4	NEMA 4 waterproof cabinet w/powder coat finish
___ N4X	NEMA 4 stainless steel waterproof corrosion-resistant cabinet

Tankless water heater user interface must have the following capabilities:

- Selectable display including Celsius /Fahrenheit, set point, flow rate, inlet temperature outlet temperature, power factor
- Capable of displaying flow rate in gallons per minute & liters per minute
- Diagnostic features to include error/fault display
- Control board must maintain error/fault history of 5 events

LavAdvantage

Point-of-use Micro Processing Temperature Control

Specifications

Electric Tankless Hot Water Heater

					TEMPERATURE RISE °F					
MODEL NUMBER		kW	AMPS	TURN ON (GPM)	REC'D WIRE SIZE (CU)	0.2 GPM	0.35 GPM	0.5 GPM	1.0 GPM	2.0 GPM
VOLTS 120										
C	SPEX1812T	1.8kW	15A	0.2	14 AWG	61°	35°	25°	12°	6°
C	SPEX1812T EE	1.8kW	15A	0.2	14 AWG	61°	35°	25°	12°	6°
C	SPEX1812T S	1.8kW	15A	0.2	14 AWG	61°	35°	25°	12°	6°
C	SPEX2412T	2.4kW	20A	0.2	12 AWG	82°	47°	33°	16°	8°
C	SPEX2412T EE	2.4kW	20A	0.2	12 AWG	82°	47°	33°	16°	8°
C	SPEX2412T S	2.4kW	20A	0.2	12 AWG	82°	47°	33°	16°	8°
C	SPEX3012T	3.0kW	25A	0.2	10 AWG	102°	59°	41°	20°	10°
C	SPEX3012T EE	3.0kW	25A	0.2	10 AWG	102°	59°	41°	20°	10°
C	SPEX3012T S	3.0kW	25A	0.2	10 AWG	102°	59°	41°	20°	10°
C	SPEX3512T	3.5kW	29A	0.2	10 AWG	†	68°	48°	24°	12°
C	SPEX3512T EE	3.5kW	29A	0.2	10 AWG	†	68°	48°	24°	12°
C	SPEX3512T ML	3.5kW	29A	0.2	10 AWG	†	68°	48°	24°	12°
C	SPEX3512T S	3.5kW	29A	0.2	10 AWG	120°	68°	48°	24°	12°
VOLTS 240*										
C	SPEX35T	3.5kW	15A	0.2	14 AWG	†	68°	48°	24°	12°
C	SPEX35T (derated 208V perf.)	2.7kW	13A	0.2	14 AWG	92°	53°	37°	18°	9°
C	SPEX35T EE	3.5kW	15A	0.2	14 AWG	†	68°	48°	24°	12°
C	SPEX35T ML	3.5kW	15A	0.2	14 AWG	†	68°	48°	24°	12°
C	SPEX35T S	3.5kW	15A	0.2	14 AWG	120°	68°	48°	24°	12°
C	SPEX48T	4.8kW	20A	0.2	12 AWG	†	94°	66°	33°	16°
C	SPEX48T (derated 208V perf.)	3.6kW	17A	0.2	12 AWG	†	70°	49°	25°	12°
C	SPEX48T EE	4.8kW	20A	0.2	12 AWG	†	94°	66°	33°	16°
C	SPEX48T ML	4.8kW	20A	0.2	12 AWG	†	94°	66°	33°	16°
C	SPEX48T S	4.8kW	20A	0.2	12 AWG	†	94°	66°	33°	16°
C	SPEX55T	5.5kW	23A	0.2	10 AWG	†	†	75°	38°	19°
C	SPEX55T (derated 208V perf.)	4.1kW	20A	0.2	10 AWG	†	80°	56°	28°	14°
C	SPEX55T EE	5.5kW	23A	0.2	10 AWG	†	†	75°	38°	19°
C	SPEX55T ML	5.5kW	23A	0.2	10 AWG	†	†	75°	38°	19°
C	SPEX55T S	5.5kW	23A	0.2	10 AWG	†	107°	75°	38°	19°
C	SPEX65T	6.5kW	27A	0.2	10 AWG	†	†	89°	44°	22°
C	SPEX65T (derated 208V perf.)	4.9kW	24A	0.2	10 AWG	†	96°	67°	33°	17°
C	SPEX65T EE	6.5kW	27A	0.2	10 AWG	†	†	89°	44°	22°
C	SPEX65T ML	6.5kW	27A	0.2	10 AWG	†	†	89°	44°	22°
C	SPEX65T S	6.5kW	27A	0.2	10 AWG	†	127°	89°	44°	22°
C	SPEX75T	7.5kW	32A	0.2	8 AWG	†	†	102°	51°	26°
C	SPEX75T (derated 208V perf.)	5.6kW	27A	0.2	8 AWG	†	†	76°	38°	19°
C	SPEX75T EE	7.5kW	32A	0.2	8 AWG	†	†	102°	51°	26°
C	SPEX75T ML	7.5kW	32A	0.2	8 AWG	†	†	102°	51°	26°
C	SPEX75T S	7.5kW	32A	0.2	8 AWG	†	†	102°	51°	26°
C	SPEX95T	9.5kW	40A	0.2	8 AWG	†	†	†	65°	32°
C	SPEX95T (derated 208V perf.)	7.0kW	34A	0.2	8 AWG	†	†	†	96°	48°
C	SPEX95T EE	9.5kW	40A	0.2	8 AWG	†	†	†	65°	32°
C	SPEX95T ML	9.5kW	40A	0.2	8 AWG	†	†	†	65°	32°
C	SPEX95T S	9.5kW	40A	0.2	8 AWG	†	†	†	130°	65°
C	SPEX012240T	11.5kW	48A	0.2	6 AWG	†	†	†	79°	39°
C	SPEX012240T (derated 208V perf.)	8.7kW	42A	0.2	6 AWG	†	†	†	59°	30°
C	SPEX012240T EE	11.5kW	48A	0.2	6 AWG	†	†	†	79°	39°
C	SPEX012240T ML	11.5kW	48A	0.2	6 AWG	†	†	†	79°	39°
C	SPEX012240T S	11.5kW	48A	0.2	6 AWG	†	†	†	79°	39°

* 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.

† Temperature electronically limited to factory preset not to exceed temperature.

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

					TEMPERATURE RISE °F					
MODEL NUMBER		kW	AMPS	TURN ON (GPM)	REC'D WIRE SIZE (CU)	0.2 GPM	0.35 GPM	0.5 GPM	1.0 GPM	2.0 GPM
VOLTS 208 Single Phase										
C	SPEX3208T	3.0kW	15A	0.2	14 AWG	102°	59°	41°	20°	10°
C	SPEX3208T ML	3.0kW	15A	0.2	14 AWG	102°	59°	41°	20°	10°
C	SPEX4208T	4.1kW	20A	0.2	12 AWG	†	80°	56°	28°	14°
C	SPEX4208T EE	4.1kW	20A	0.2	12 AWG	†	80°	56°	28°	14°
C	SPEX4208T ML	4.1kW	20A	0.2	12 AWG	†	80°	56°	28°	14°
C	SPEX4208T S	4.1kW	20A	0.2	12 AWG	140°	80°	56°	28°	14°
C	SPEX8208T	8.3kW	40A	0.2	8 AWG	†	†	†	57°	28°
C	SPEX8208T EE	8.3kW	40A	0.2	8 AWG	†	†	†	57°	28°
C	SPEX8208T ML	8.3kW	40A	0.2	8 AWG	†	†	†	57°	28°
C	SPEX8208T S	8.3kW	40A	0.2	8 AWG	†	†	113°	57°	28°
VOLTS 277										
	SPEX3277T	3.0kW	11A	0.2	14 AWG	102°	59°	41°	20°	10°
	SPEX3277T EE	3.0kW	11A	0.2	14 AWG	102°	59°	41°	20°	10°
	SPEX3277T ML	3.0kW	11A	0.2	14 AWG	102°	59°	41°	20°	10°
	SPEX3277T S	3.0kW	11A	0.2	14 AWG	102°	59°	41°	20°	10°
	SPEX4277T	4.1kW	14.8A	0.2	14 AWG	†	80°	56°	28°	14°
	SPEX4277T EE	4.1kW	14.8A	0.2	14 AWG	†	80°	56°	28°	14°
	SPEX4277T ML	4.1kW	14.8A	0.2	14 AWG	†	80°	56°	28°	14°
	SPEX4277T S	4.1kW	14.8A	0.2	14 AWG	140°	80°	56°	28°	14°
	SPEX60T	6.0kW	22A	0.2	10 AWG	†	†	82°	41°	20°
	SPEX60T EE	6.0kW	22A	0.2	10 AWG	†	†	82°	41°	20°
	SPEX60T ML	6.0kW	22A	0.2	10 AWG	†	†	82°	41°	20°
	SPEX60T S	6.0kW	22A	0.2	10 AWG	†	117°	82°	41°	20°
	SPEX80T	8.0kW	29A	0.2	10 AWG	†	†	†	55°	27°
	SPEX80T EE	8.0kW	29A	0.2	10 AWG	†	†	†	55°	27°
	SPEX80T ML	8.0kW	29A	0.2	10 AWG	†	†	†	55°	27°
	SPEX80T S	8.0kW	29A	0.2	10 AWG	†	†	109°	55°	27°
	SPEX90T	9.0kW	33A	0.2	8 AWG	†	†	†	61°	31°
	SPEX90T EE	9.0kW	33A	0.2	8 AWG	†	†	†	61°	31°
	SPEX90T ML	9.0kW	33A	0.2	8 AWG	†	†	†	61°	31°
	SPEX90T S	9.0kW	33A	0.2	8 AWG	†	†	123°	61°	31°
	SPEX100T	10.0kW	36A	0.2	8 AWG	†	†	†	68°	34°
	SPEX100T EE	10.0kW	36A	0.2	8 AWG	†	†	†	68°	34°
	SPEX100T ML	10.0kW	36A	0.2	8 AWG	†	†	†	68°	34°
	SPEX100T S	10.0kW	36A	0.2	8 AWG	†	†	137°	68°	34°

Suffix Definitions

EE Meets ANSI Z358.1 emergency eye/face wash tepid water requirements

ML Multi lavs 0.2 turn on with 110° temp setting

S Sanitation not to exceed 180°

