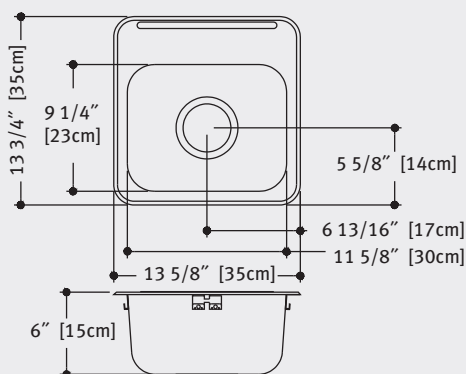


SHOP DRAWING PACKAGE

Prepared for
**CON-SULT
MECHANICAL INC**

**SHOPPERS
DRUG MART
#668**

JUNE 9, 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 | 1 1/2" waste | Faucet hole drilling options |
|---|--------------------------------------|-------------------------------------|
| <input checked="" type="checkbox"/> LBS9106-1/1 | <input type="checkbox"/> LBS9106-3/1 | 1 hole, 1 1/2" diameter |
| <input type="checkbox"/> LBS9106-1/2 | <input type="checkbox"/> LBS9106-3/2 | 2 hole, 1 1/2" diameter, 4" centers |
| <input type="checkbox"/> LBS9106-1 | <input type="checkbox"/> LBS9106-3 | 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: _____

Manual Sink Faucets

436-ABCP

Product Type

Deck-mounted kitchen faucet, single-hole mount, high arc faucet

Features & Specifications

- User adjustable temperature control mixer
- 1.5 GPM (5.7 L/min) laminar flow outlet
- Single-hole
- Laminar flow outlet for 436 Series faucet, 1.5 GPM
- Ceramic operating cartridge with volume control and hot water limit stop




Performance Specification

- Rated Operating Pressure: 20-125 PSI
- Rated Operating Temperature: 40-140°F (Note: 180°F max. during temporary high-temperature system flush)

Warranty

- 5-Year Limited Faucet Warranty
- 5-Year Limited Cartridge Warranty
- 1-Year Limited Finish Warranty

Codes & Standards

-  ASME A112.18.1/CSA B125.1
-  ADA ANSI/ICC A117.1
-  NSF/ANSI/CAN 61: Q ≤ 1

Job Name _____

Item Number _____

Section/Tag _____

Model Specified _____

Architect _____

Engineer _____

Contractor _____

☐ Submitted as Shown

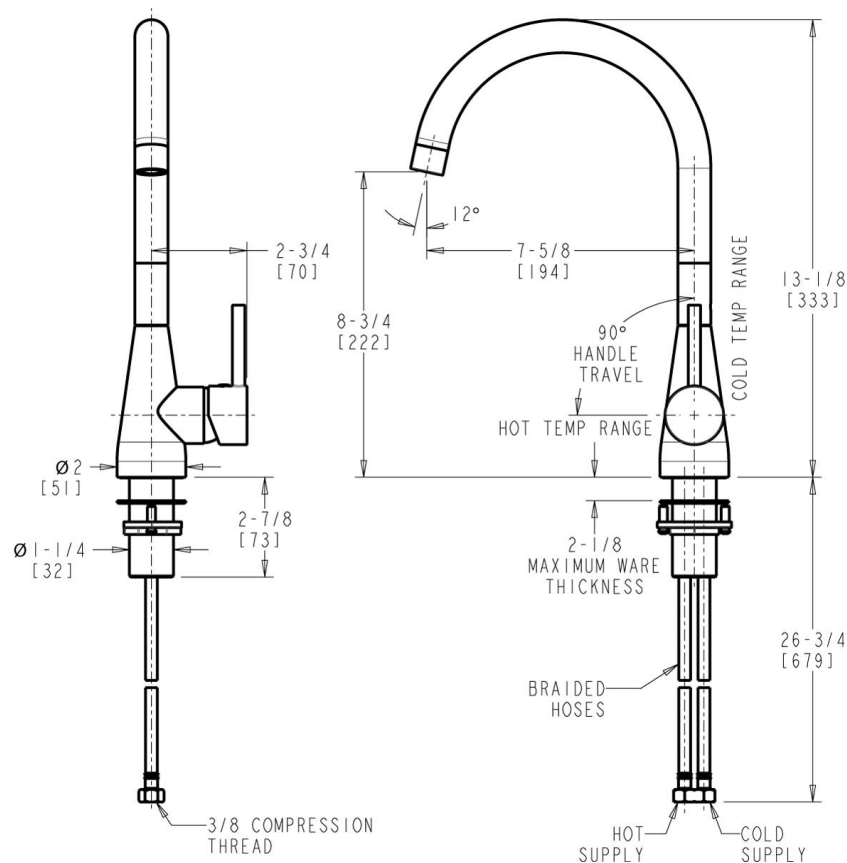
☐ Submitted with Variations

Date _____



Architect/Engineer Specification

Chicago Faucets No. 436-ABCP, Sink Faucet for hot and cold water, single lever, deck-mounted with single hole mounting, chrome plated. Integral, tubular SUS 304 stainless steel spout. 1.5 GPM (5.7 L/min) laminar flow outlet. Flexible supply hoses included. ECAST® construction with less than 0.25% lead content by weighted average. CALGreen compliant. This product meets ADA ANSI/ICC A117.1 requirements and is tested and certified to industry standards: Certified to NSF/ANSI 61, Section 9, and California Green Building Standards Code (CALGreen).

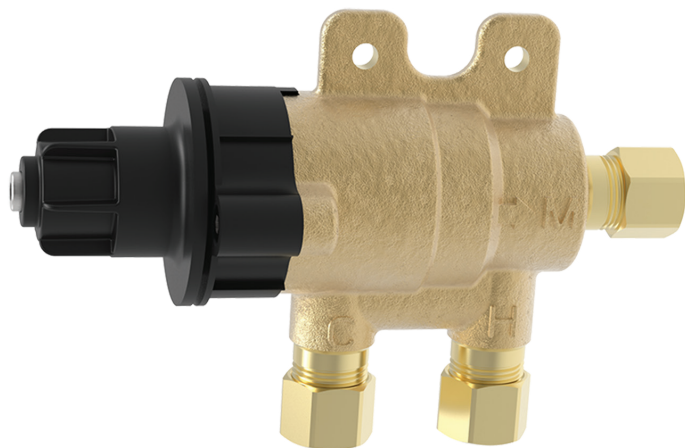


Operation and Maintenance

Installation should be in accordance with local plumbing codes. Flush all pipes thoroughly before installation. After installation, remove spout outlet or flow control and flush faucet thoroughly to clear any debris. Care should be taken when cleaning the product. Do not use abrasive cleaners, chemicals or solvents as they can result in surface damage. Use mild soap and warm water for cleaning and protecting the life of Chicago Faucet products. For specific operation and maintenance refer to the installation instructions and repair parts documents that are located at www.chicagofaucets.com.

Chicago Faucets, member of the Geberit Group, is the leading brand of commercial faucets and fittings in the United States, offering a complete range of products for schools, laboratories, hospitals, office buildings, food service, airports and sport facilities. Call 1.800.TECTRUE or 1.847.803.5000 Option 1 for installation or other technical assistance.





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.

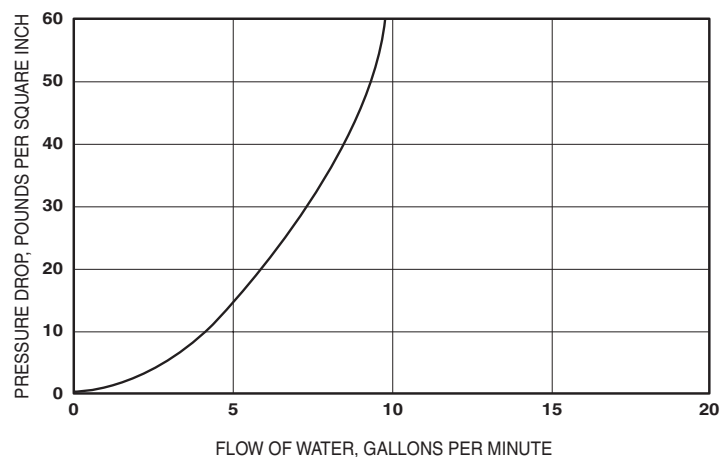
Specifications

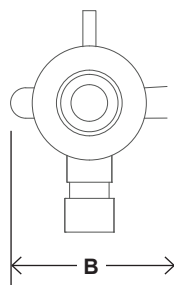
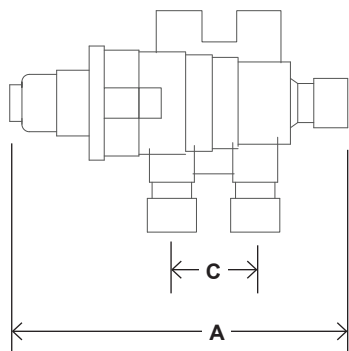
- Outlet temperature range: 95-115°F (35-46°C).
- Temperature, hot supply: 180°F max. (91°C).
- Temperature, cold supply: 40-80°F (4-27°C).
- Temperature stability (nominal): ±5°F (±3°C).
- Temperature differential (between hot supply and outlet temperature): 10°F (11°C).
- Hydrostatic pressure: 125 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" |

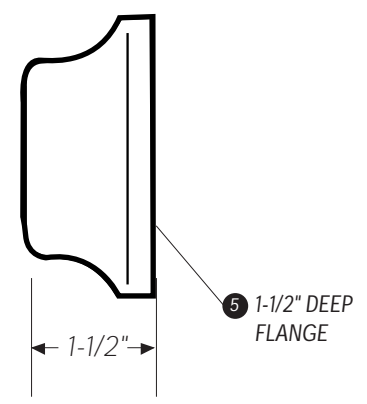
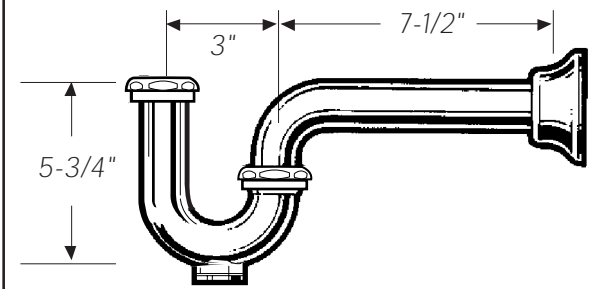
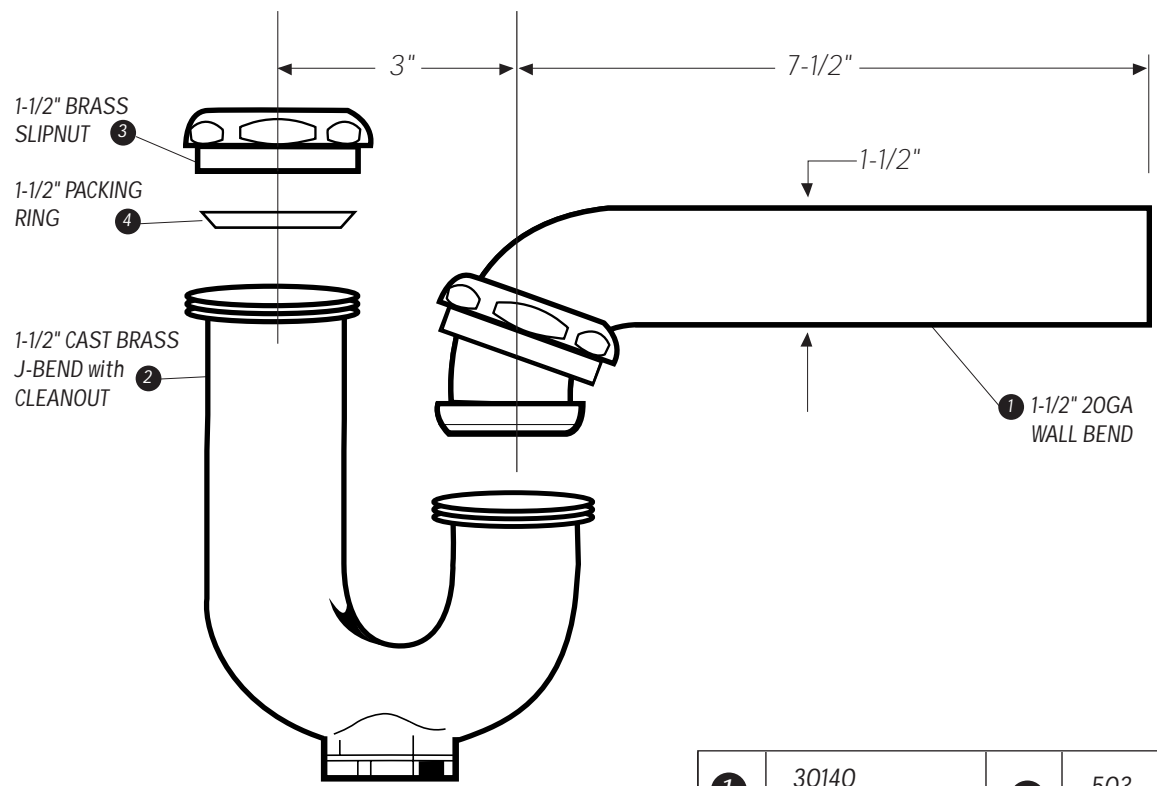
Dimensions are for reference purposes only. For rough-in dimensions please refer to Lawler's Revit/BIM models found at temperedwater.com.

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 | | |
| | | | |

| | | | |
|--|--|-------------------------|----------------------|
| <div>OS&B</div> <div>OAKVILLE STAMPING & BENDING</div> | | | |
| Date: 12/08/00 | | Approved by: K.Ernst | Drawn by: S.Black |
| Scale: not to scale | | | Revision: 01 |
| Product: 1-1/2" SEMI-CAST TRAP w/co | | | Number: 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 +/-1°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° | 24° |
| 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° | 32° |
| 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.

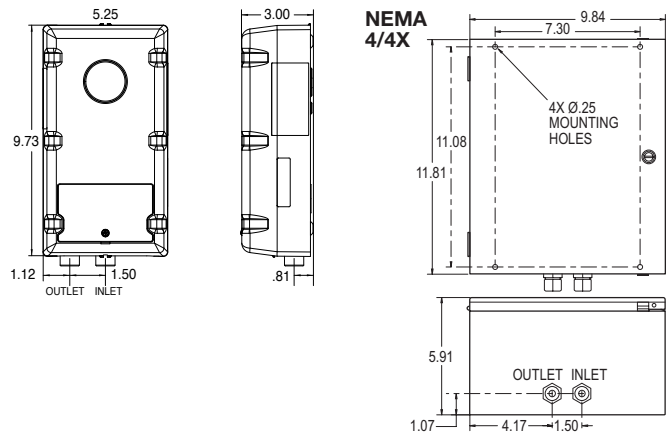
| | | | | | TEMPERATURE RISE °F | | | | |
|------------------------|--------|-------|---------------|----------------------|---------------------|----------|---------|---------|---------|
| MODEL NUMBER | kW | AMPS | TURN ON (GPM) | REC'D WIRE SIZE (CU) | 0.2 GPM | 0.35 GPM | 0.5 GPM | 1.0 GPM | 2.0 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 Z35.1 emergency eye/face wash tepid water requirements

ML Multi lavs 0.2 turn on with 110° temp setting

S Sanitation not to exceed 180°



Information and product specifications contained in this document are subject to change without notice.