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No. 0510002058 (5)

# MODELS 7660 & 7661

Eye/Face Wash and Handwash Station

CAUTION: This product is not NSF-61 certified and should not be used for drinking water. NOTE TO INSTALLER: Please leave this information with the Maintenance Department.

#### LIMITED WARRANTY

HAWS warrants that all of its products are guaranteed against defective material or poor workmanship for a period of one year from the date of shipment. The foregoing notwithstanding, HAWS warrants certain specific products or components thereof for an adjusted period. A list of these excepted products and components and a description of their respective warranty terms may be found here: www.hawsco.com/warranty. HAWS' liability under this warranty shall be discharged by furnishing without charge F.O.B. HAWS factory any goods, or part thereof, which shall appear to the Company upon inspection to be of defective material or not of first-class workmanship, provided that a claim is made in writing to Company within a reasonable period after receipt of the product. Where claims for defects are made, the defective part or parts shall be delivered to the Company, prepaid, for inspection. HAWS shall not be liable for the cost of repairs, alterations or replacements, or the labor required to implement them, or for any expense connected therewith made by the owner or owner's agents, except upon written authority from HAWS. HAWS shall not be liable for any damages caused by defective materials or poor workmanship, except for replacements, as provided above. Buyer agrees that HAWS has made no other warranties either express or implied in addition to those above stated, except that of title with respect to any of the products or equipment sold hereunder and that HAWS shall not be liable for general, special, incidental, or consequential damages claimed to arise under the contract of sale.

Equipment manufactured by HAWS is warranted to function if installation and maintenance instructions provided are adhered to. The units also must be used for the purpose for which they were intended. Any HAWS emergency equipment is intended to supplement first-aid treatment. Due to widely varying conditions, HAWS cannot guarantee that the use of this emergency equipment will prevent serious injury or the aggravation of existing or prior injuries.

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SHOULD YOU EXPERIENCE DIFFICULTY WITH THE INSTALLATION OF THIS MODEL PLEASE CALL:

TECHNICAL SUPPORT:	1-800-766-5612
FOR CUSTOMER SERVICE:	1-888-640-4297

## **RECOMMENDED TOOLS & PARTS:**

- Measuring Tape
- Pencil and Permanent Marker
- Level
- Power Drill
- ¼" Bit-Holding Screwdriver
- Extension driver for 1/4" bit, at least 3"
- #3 Phillips Bit (Supplied)
- Plastic Tubing Cutter
- Adjustable Tongue & Groove Pliers
- 7/8", 7/16", and 13/16" Box/Open Combination Wrenches
- 1⁄4" Structural screws for wall materials
- 5/64" Allen Wrench

**LOCATION OF UNIT:** The Models 7660 & 7661 are designed to be ADA compliant when installed with the sink rim height at 33 5/8" and an unobstructed floor space of at least 38" wide centered on unit and 51" in depth from the wall. Refer to USP <800> when installing these models in a lab designed for compounding hazardous drugs. When installing this unit, local, state and federal (including ADA) codes must be adhered to.

**SUPPLY LINE:** The minimum recommended line size is 1/2"IPS with 30-90 psi (2-6 ATM) flowing pressure for both hot and cold-water lines. The Operating Water Supply Temperature Range for Models 7660 & 7661 is 120° F - 180° F (49° C – 82° C) Hot and 40° F - 65° F (4° C – 18.3° C) Cold. If a failure occurs and hot water pressure is lost, 50-90psi (3.4-6 ATM) flowing pressure is required for the cold-water line.

**PLUMBING CONNECTIONS:** 1/2" O.D. compression stop valves must be installed at the wall (by others). Use the supplied Brass inserts and plastic ferrules when connecting the 3/8" PEX (1/2" O.D.) tubing to 1/2" O.D. compression fittings. Waste outlet is 1-1/2" OD Slip-Joint. Please consult the installation drawings below for details on the supply and waste fitting connections.

**MAINTENANCE:** Periodically clean the two brass strainers located under the sink. If the faucet is operated in battery mode, a low battery is indicated by a single LED flash at the faucet sensor approximately every 2 seconds. Battery replacement requires 4 AA Batteries and access to the faucet control module located under the sink. Refer to the Operation and Maintenance Manual for Haws Models 9201EW and 7610S for more information on the Eye/Face wash thermostatic mixing valve and Eye/Face Wash respectively. Refer to the included faucet manual for more information on the settings and operation of the faucet.

## GENERAL NOTES:

- 1. The following assembly instructions must be followed to ensure a watertight connection at the stop valves and other PEX connections:
  - a. Cut tubing square and clean. Deburr if necessary.
  - b. Place compression nut and supplied plastic ferrule over end of tubing and install the supplied tubing insert into end of tubing.
  - c. Push tube into the fitting until it bottoms out.
  - d. Thread the nut down onto the supply valve until finger tight. Put a line on the nut using a marker. Tighten exactly one additional full (360 degrees) turn with a wrench, using the line to count turns.
- 2. Do not over-torque the screws when installing the front cover.
- 3. If installing with in-wall carrier (Haws model 6800/6810 and mounting plate 6776), refer to installation instructions included with those models.
- 4. This product is not intended for lavatory or residential use.

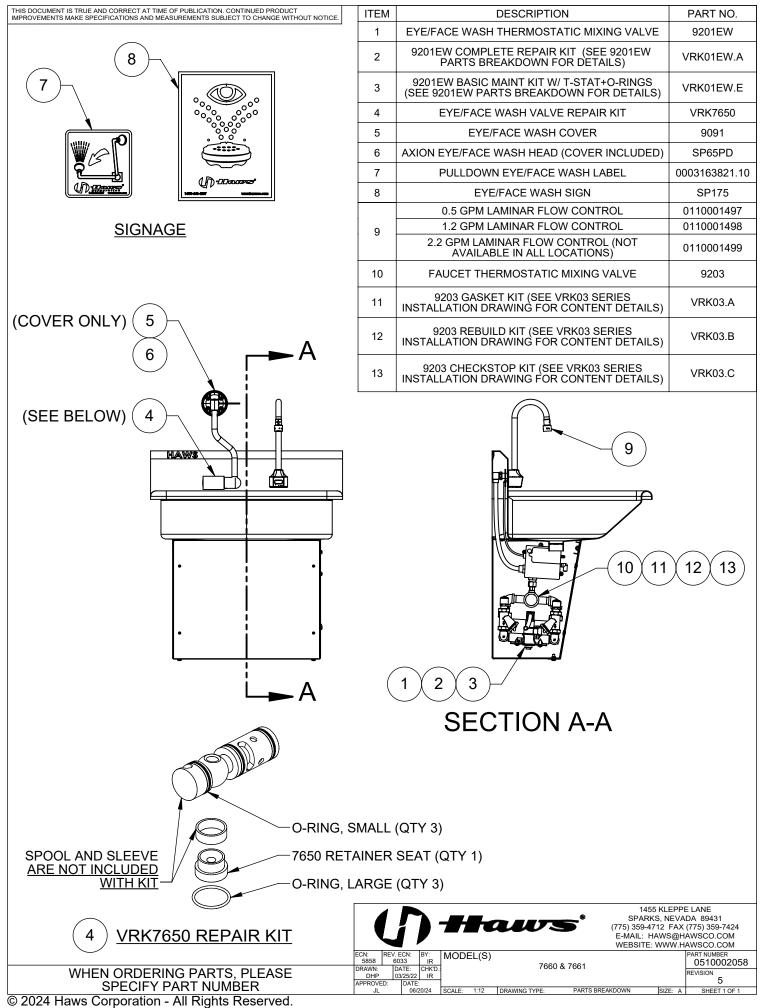
\*For more information about Haws products, see our website: www.hawsco.com

		TROUBLESHOOTING					
	PROBLEM	REPAIR CHECKLIST					
Ge	neral						
1.	Cold faucet & eyewash flow.	a. Confirm hot water upstream valve is fully open.					
2.	Low flow rates or no flow to both faucet	a. Confirm all upstream inlet valves are fully open.					
		b. Confirm the downstream valves are fully open, if applicable.					
	and eyewash.	c. Clean y-strainers located on hot and cold inlets.					
		d. Confirm hot and cold inlet pressures; both must be at least 30 PSI flowing.					
3.	Hot water is backflowing into cold supply, or vice versa.	a. Examine inlet checkstops in both mixing valves. As needed, install the VRK01EW.A repair kit into the 9201EW eyewash mixing valve, and/or the VRK03.C repair kit in the 9203 faucet mixing valve.					
Eye	ewash	(Look up 9201EW documentation for additional mixing valve details)					
1.	Eyewash water temperature needs adjusting.	<ul> <li>On the 9201EW eyewash mixing valve, turn the temperature adjusting screw (5/64" Allen) on the bottom face (the screw that is NOT recessed). Clockwise lowers temperature.</li> </ul>					
2.	Cold flow to eyewash only.	<ul> <li>a. Confirm the hot water inlet pressure; it must be within +/- 10% of the cold inlet pressure.</li> </ul>					
		<ul> <li>On the 9201EW eyewash mixing valve, confirm that the cold water bypass valve is free of debris; clean if necessary.</li> </ul>					
3.	Faucet water temperature is not adequately controlled.	<ul> <li>Install the VRK01EW.A repair kit or the VRK01EW.E repair kit in the 9201EW faucet mixing valve - see kits for individual contents.</li> </ul>					
4.	Eyewash mixing valve leaks - not from inlet or outlet.	a. Install the VRK01EW.E repair kit in the 9201EW eyewash mixing valve.					
5.	Insufficient water flow.	<ul> <li>a. Verify minimum 30 psi (2 ATM) flowing supply line pressure.</li> <li>b. Probable clogging of flow control due to inadequate line flushing. Unscrew eye/face wash head and remove the four screws to disassemble head. Clean flow control and reassemble head.</li> </ul>					
6.	Eyewash stream	a. Possible blocked flow control; see above solution.					
	does not meet desired eye level.	b. Possible non-leveled eyewash assembly.					
Ha	ndwash Faucet	(Refer to included faucet manual for additional details)					
1.	Faucet water temperature needs adjusting.	a. On the 9203 faucet mixing valve, loosen the mixing valve knob set screw (5/64" Allen) and turn knob to adjust output temperature (clockwise lowers temperature). Re-tighten the knob set screw.					
2.	Faucet water temperature is not adequately controlled.	a. Install the VRK03.B rebuild kit in the 9203 faucet mixing valve.					
3.	Faucet mixing valve leaks - not from inlet or outlet.	a. Install the VRK03.A gasket repair kit in the 9203 faucet mixing valve.					
4.	Faucet sensor light flashing every 2 seconds.	<ul> <li>Faucet is operating on battery power, and batteries are low. Replace with 4 new AA alkaline batteries. Batteries are found in the module above the mixing valves under the sink.</li> </ul>					
5.	Faucet sensor light is solid red.	a. Faucet is operating on battery power, and batteries are dead. Replace with 4 new AA alkaline batteries. Batteries are found in the module above the mixing valves under the sink.					

(continued on next page)

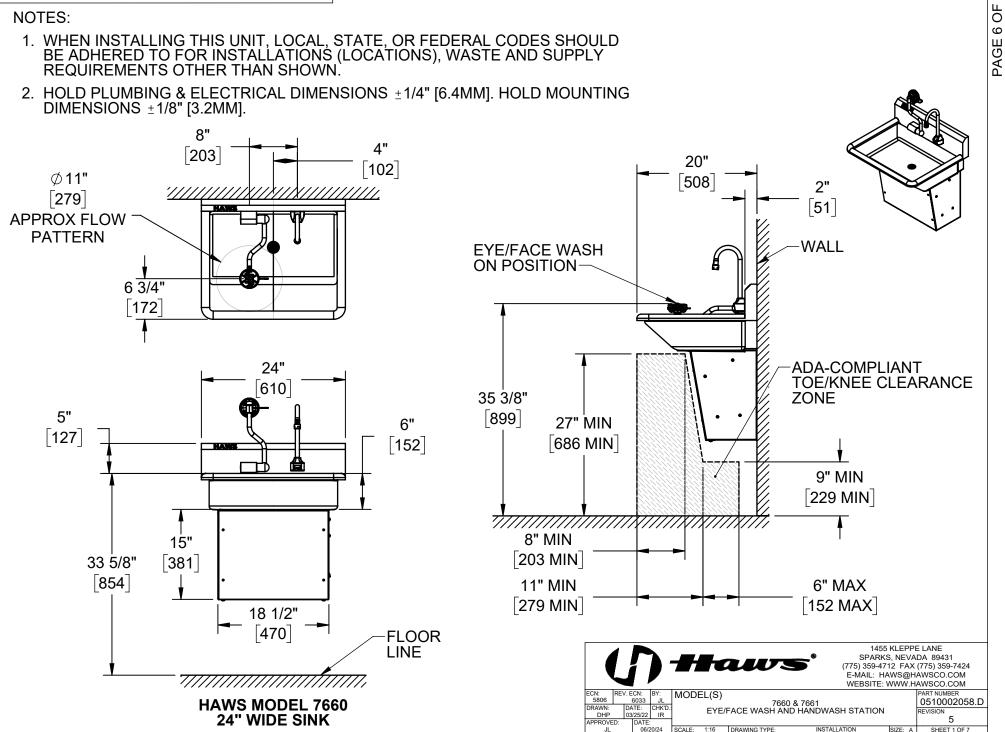
			TR	OUBLESHO	OTING	(cc	ontinu	ed)		
	PROBLEM			RE	PAIR CI	HEC	KLIST			
6.	Faucet sensor is too sensitive, or not sensitive enough.	a. b. c.	Adjust the sensor sensitivity as follows. Press and hold the blue button on the faucet module located beneath the faucet under the sink. When water stops flowing and the red sensor light turns on, release the button and hold your hand at the desired activation distance in front of the sensor. The sensor light will flash several times, indicating that the sensor is set.							
7.	Faucet is slow to activate after sitting unused a while.	a.	After 30 minutes at rest, the sensor scans less frequently in order to save power. It should respond normally again after the first activation.							
8.	Faucet shuts off after a period of time, even if sensor is still triggered.	a.	Faucet is designed to shut off after a specified period to prevent water wastage through vandalism, etc. To adjust this time period, access the switches in the battery compartment in the module located beneath the faucet under the sink. Set Switches 1 - 3 as follows:							
			:	Shutoff Time	witch 1	Swit	tch 2	Switch	3	
			[	15 sec	Off	C	Dff	Off		
				30 sec	Off	C	Dff	On		
			-	45 sec	Off	C	Dn	Off		
				60 sec	Off	C	Dn	On		
			Ļ	3 min	On		Dff	Off		
				20 min	On	C	Dff	On		
9.	Faucet dispenses water without anything triggering the sensor.	b. a. b.	If needed, adjust the sensor sensitivity as outlined above. Faucet is designed to automatically purge water after a given period of non-use, to prevent stagnant water from sitting in the faucet for extended lengths of time. To turn off this feature, access the switches in the battery compartment in the module located beneath the faucet under the sink. Set Switch 4 to "Off." If needed, adjust the sensor sensitivity as outlined above.							
10.	Faucet continues dispensing water after hands are removed from sensor area.	a. Faucet is designed to briefly continue dispensing after the sensor loses signal. The lessens the chance of water interruption during washing. To adjust this time period access the switches in the battery compartment in the module located beneath the faucet under the sink. Set Switches 5 & 6 as follows:								
				Extra Dispens			Switch	6		
				1 sec	Of		Off	_		
				10 sec	Of		On			
				15 sec	On		Off On			
				30 sec	Un		UII			
		b.	If needed, adjust							
11.	Faucet does not dispense water.	a.	Ensure that fauce	nsure that faucet is powered, either with wall power or good batteries.						
		b.	Adjust the sensor	or sensitivity as outlined above						
		C.	Replace faucet.							
12.	Faucet dispenses slowly, crookedly, or messily.	a.	Replace laminar flow control - see Parts Breakdown for part numbers pertaining to different flow rates.							

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PAGE 5 OF 12



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7

PAGE 6 OF

12



INSTALLATION

SHEET 2 OF

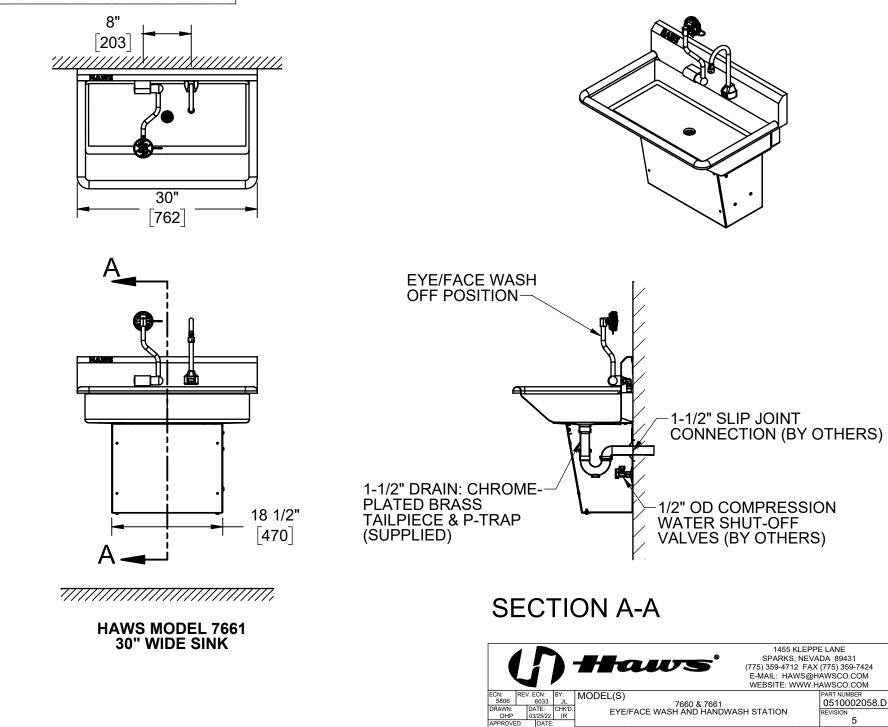
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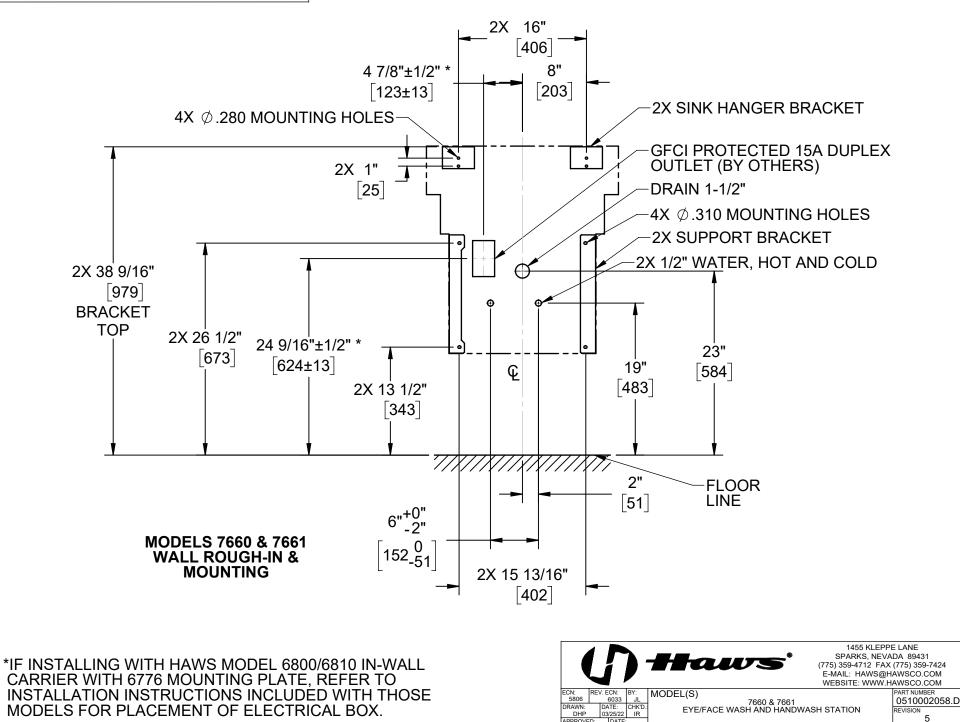
SCALE:

06/20/24

DRAWING TYPE:



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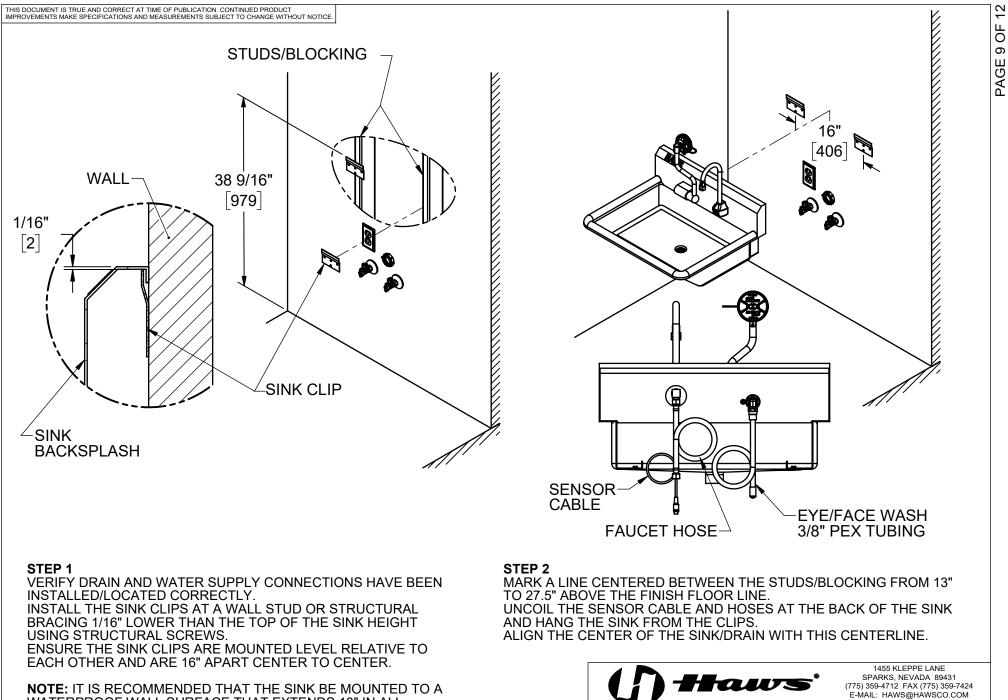
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INSTALLATION

SHEET 3 OF

DRAWING TYPE

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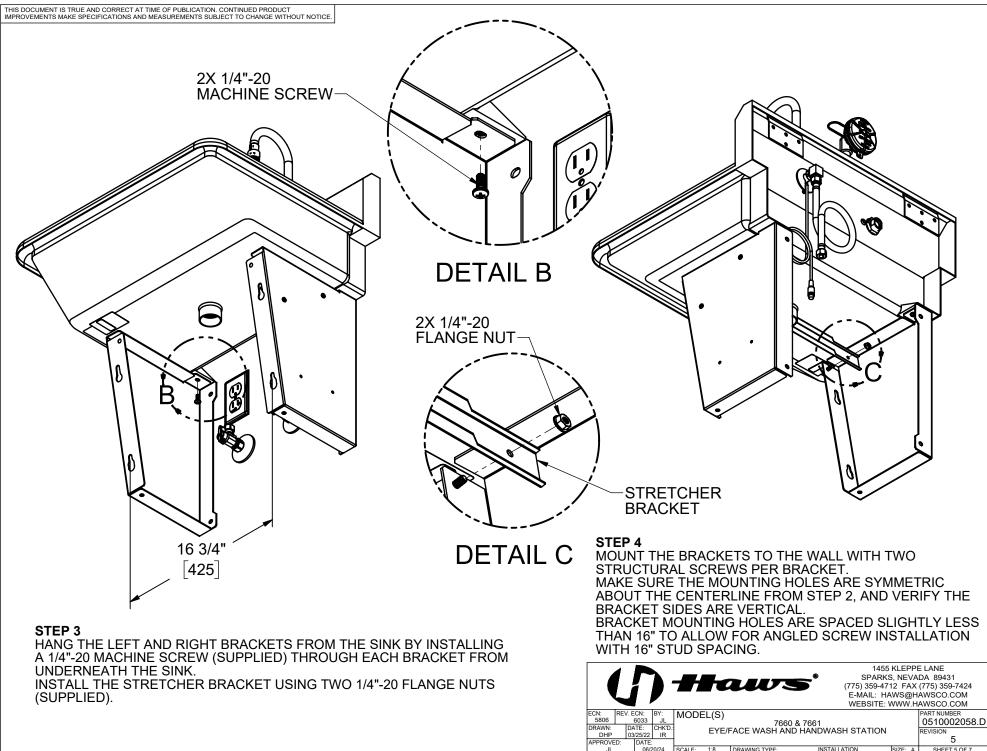


WATERPROOF WALL SURFACE THAT EXTENDS 18" IN ALL DIRECTIONS FROM OUTLINE OF SINK ON WALL.



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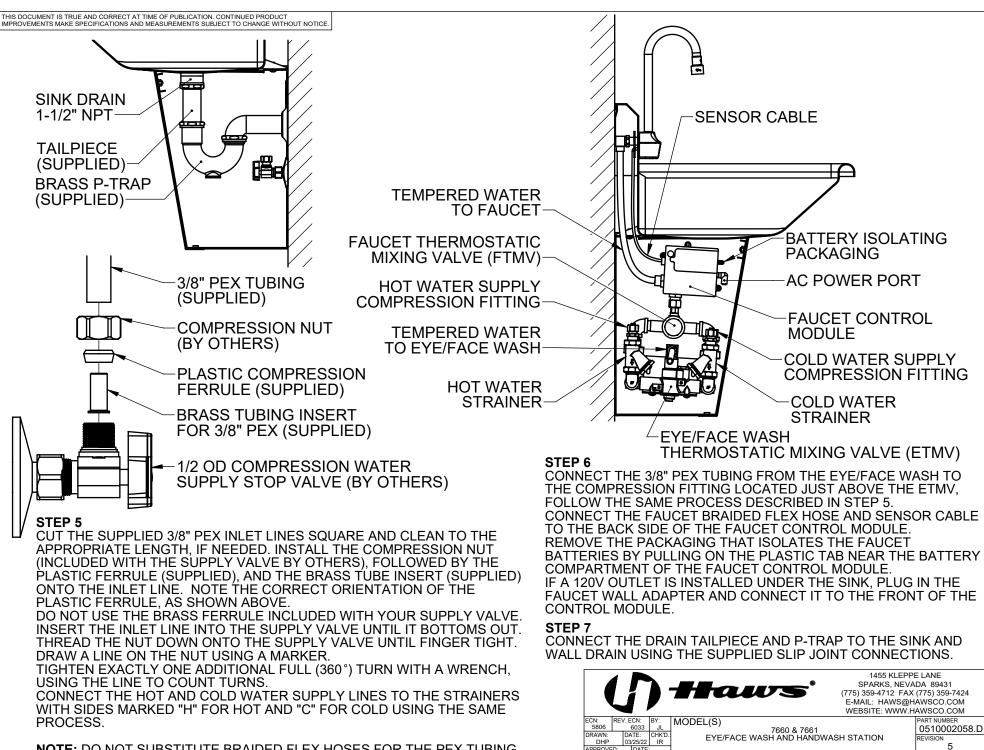


DRAMING TYPE

INISTALLATION

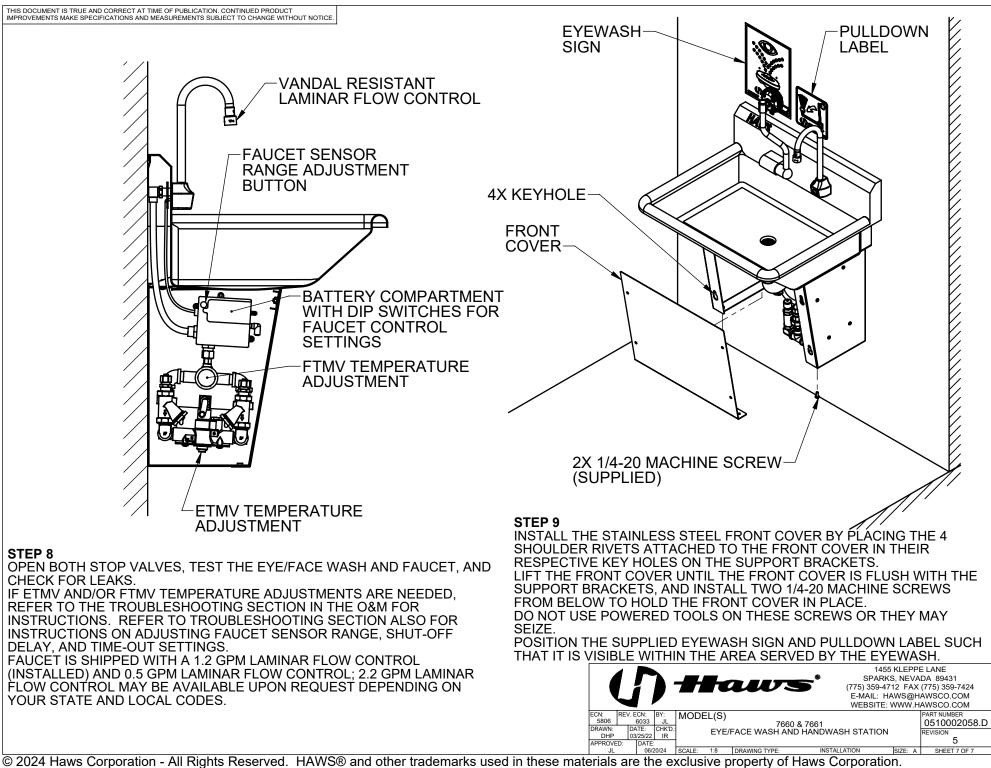
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#### NOTE: DO NOT SUBSTITUTE BRAIDED FLEX HOSES FOR THE PEX TUBING.

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PAGE

12

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2

PAGE 12 OF