



# INSTALLATION, OPERATION & MAINTENANCE INSTRUCTIONS

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No. 0510002020 (1)

## Model 1001HO Drinking Fountain

**NOTE TO INSTALLER:** Please leave this information with the Maintenance Department.

**CAUTION!** Prior to making any electrical connections, verify with a voltmeter that power from the service panel is **off**.

### 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](http://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:** Hack saw, pipe joint sealant, screwdriver, level, 12" adjustable wrench, 10" pipe wrench, 3/32" and 5/32 " hex key wrench, 9/16", 1/2", 7/16" socket wrench or open-end wrench.

**LOCATION OF UNIT:** The Model 1001HO Drinking Fountain is a wheelchair accessible drinking facility. The height dimensions shown, meet current ADA requirements. When installing this unit, local, state or federal codes should be adhered to. If height other than shown is required, then dimensions must be adjusted accordingly.

**SUPPLY LINE:** The minimum recommended line size is 1/2"IPS with 30-90 psi (2-6 ATM) flowing pressure. Where sediment or mineral content is a problem, an inlet filter is recommended.

**PLUMBING CONNECTIONS:** Inlet is 3/8" O.D. push-in type fitting. Waste outlet is 1-1/4" O.D. tube.

**ELECTRICAL CONNECTIONS:** Drinking Fountain may be mounted on external wall of building provided transformer shall be mounted inside the wall and protected from water per NEC/CEC and local code.

**Sensor:**

1001HO with 1RKHO.H: 100-277VAC x 9VDC, 50-60Hz, 5 Watts.

**MAINTENANCE:** Periodically clean out the supply line Y-strainer

## INSTALLATION PROCEDURE

### GENERAL NOTES:

1. For all plastic push-in type fitting connections, only connect NSF-61 copper or plastic tubing. Stainless steel or glass tubing is not recommended. The following assembly instructions must be followed to ensure a watertight connection:
  - a. Cut tubing square and clean.
  - b. Mark from end of tube the length of insertion (See table below).
  - c. Push tube into the fitting until it bottoms out.
  - d. To remove, depress collet and pull tubing out.

Tube Sizes	O.D. Tolerance	Insertion Depth
3/8"	±.005"	3/4"

## INSTALLATION PROCEDURE...

- STEP 1:** Thoroughly flush supply line to remove all foreign matter. Connect 1/2" IPS supply screwdriver-stop (not supplied). Install supply 3/8" O.D. tubing (supplied), between screwdriver-stop and supplied Y-strainer (Cut tubing to proper length and follow

general notes for proper connection procedures for push-in type fittings). Connect 3/8" O.D. tube between supplied tee and fountains and solenoid valve outlet(s) (if not already connected). See installation drawing at the end of this manual for supply plumbing and wiring details.

**STEP 2:** Open screwdriver-stop **wide open** while checking for leaks at all connections. Also, check waste for leaks.

**STEP 3: Model 1001HO: 5867 Valve Pressure Regulator** – Adjust bubbler stream height using the black pressure regulator mounted inside bracket with HO sensor unit, by loosening the locknut and rotating the knob clockwise to increase flow or counterclockwise to reduce flow. Tighten the locknut and check flow height. Repeat these steps until the bubbler flow height is correct.

**STEP 4: 1RKHO.H Transformer and Sensor Setup: Refer to the 1RKHO.H manual for instructions (supplied).**

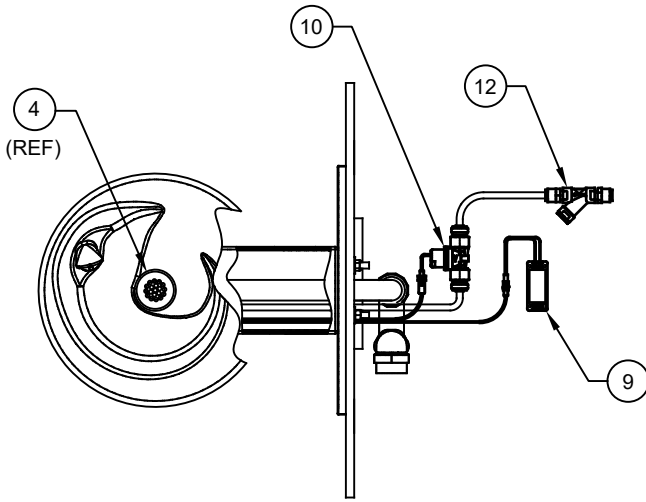
## MAINTENANCE

**STEP 1:** Periodically clean out the supply line Y-strainer.

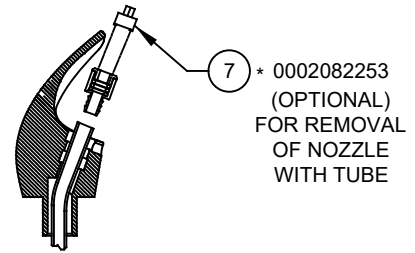
<b>TROUBLESHOOTING</b>	
<b>PROBLEM</b>	<b>REPAIR CHECKLIST</b>
1. Insufficient bubbler flow.	1a. Check that inlet screwdriver stop valve (not supplied) is in wide-open position.  b. Verify minimum 30 psi flowing supply pressure.  c. Clean Y-Strainer.  d. Clean screens (inside nozzle body). Unscrew nozzle insert and very gently activate water supply to pop out qty. 3 screens (be careful not to lose screens). Remove any debris clogging the screen openings and place back into nozzle body. Reassemble nozzle insert.

For more information about Haws products, see our website: [www.hawsc.com](http://www.hawsc.com)

ITEM	DESCRIPTION	1011HO/O2	
1	BUBBLER HEAD, PCP	5705	
*	2	PANEL, BACK, F/ SATIN SWIRL	BP6
**	3	PLATE, MOUNTING	6700
	4	STRAINER, WASTE ASSEMBLY	6463
*	5	PANEL, ACCESS, SS SATIN	6603
	6	PLATE, BOTTOM, F/1000	PBM1000
	7	DRIVER, NOZZLE, .25 HEX	0002082253
	8	SENSOR	VRKHO6
	9	TRANSFORMER	VRKHO8
	10	SOLENOID VALVE	VRKHO5
	11	PRESSURE REGULATOR	5867
	12	Y-STRAINER	6433

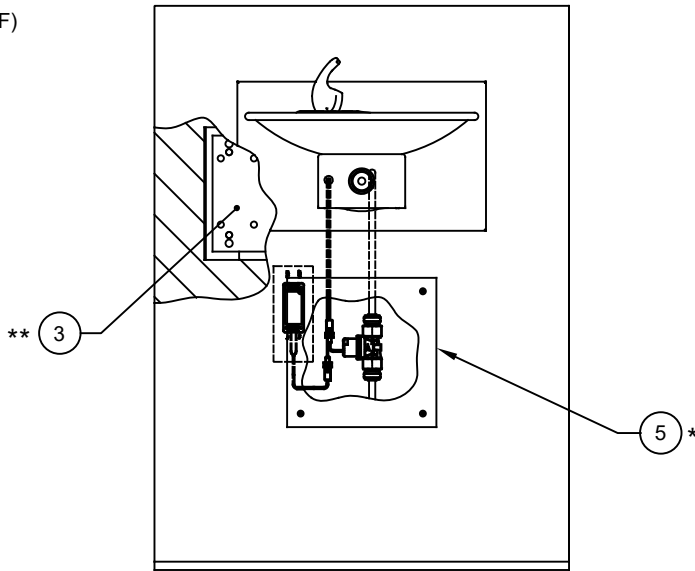
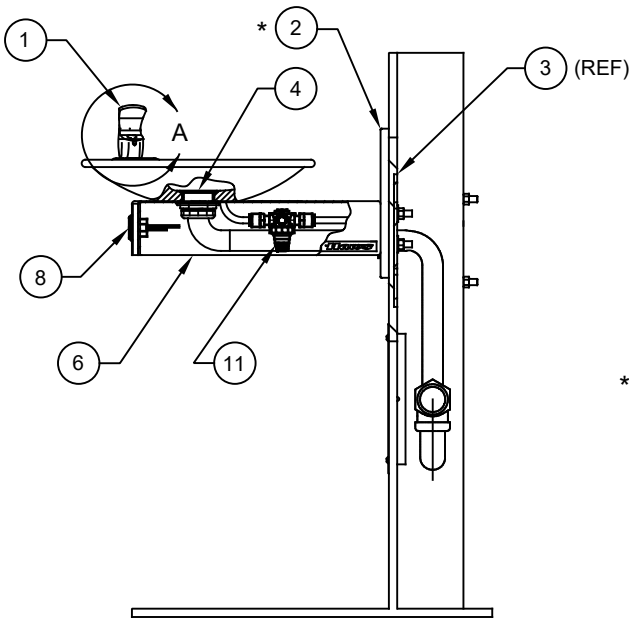


\* DENOTES OPTIONAL PART.  
 \*\* REQUIRED - SOLD SEPARATELY




BUBBLER HEAD 5705  
 (TUBING CONNECTS TO  
 INSERT ASSY)

DETAIL A  
 ROTATED 90° INTO VIEW



# PARTS BREAKDOWN



**Haws**®

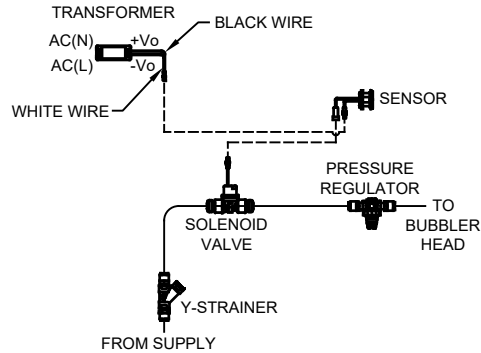
1455 KLEPPE LANE  
 SPARKS, NEVADA 89431  
 (775) 359-4712 FAX (775) 359-7424  
 E-MAIL: HAWS@HAWSO.COM  
 WEBSITE: WWW.HAWSO.COM

ECN NO.	REVISED PER	BY	MODEL(S)	PART NUMBER
	ECN: 5733	FV	1001HO	0510002020
DRAWN	DATE	CHKD		REVISION
FV	09/28/21	BJM		1
APPROVED	DATE			
FV	09/30/21			
SCALE: 1:1			DRAWING TYPE: PARTS BREAKDOWN	SIZE: A SHEET 1 OF 1

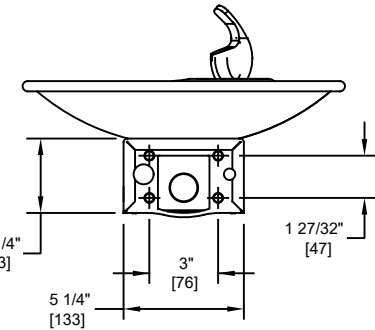
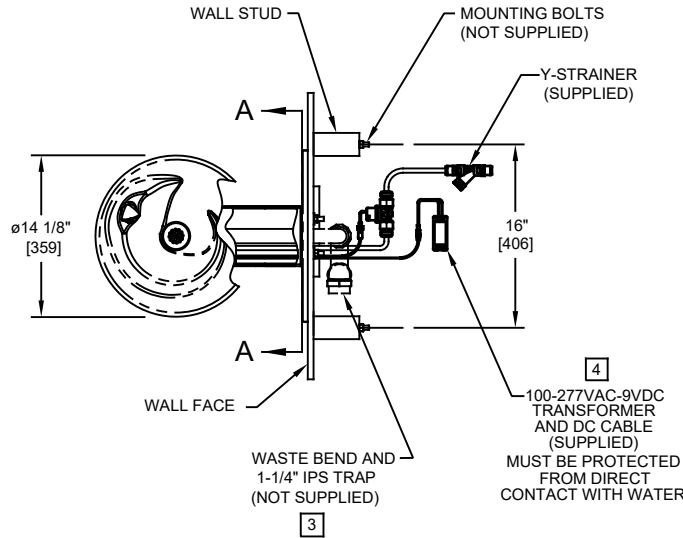
WHEN ORDERING PARTS PLEASE SPECIFY MODEL NUMBER.

NOTES:

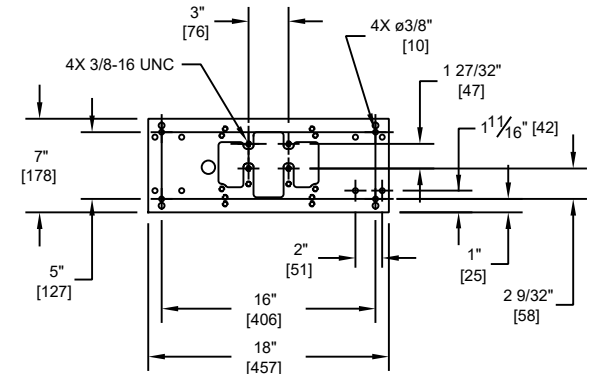
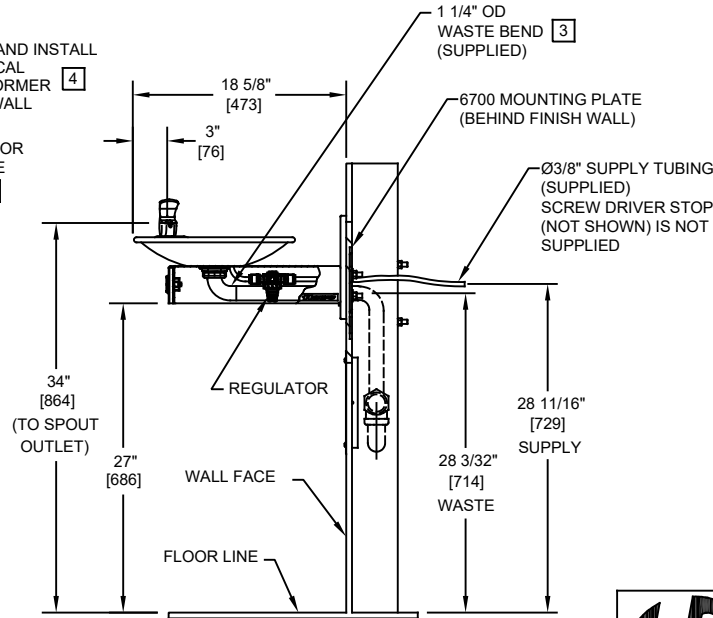
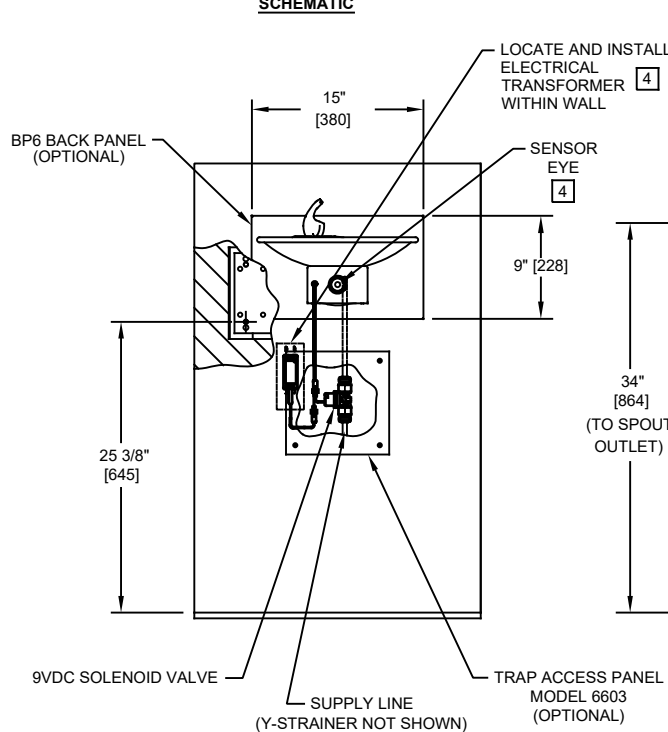
1. HOLD ROUGH-IN DIMENSIONS  $\pm 1/8"$  (3.2mm).
2. WHEN INSTALLING THIS UNIT, LOCAL, STATE, OR FEDERAL CODES SHOULD BE ADHERED TO FOR INSTALLATION DIMENSIONS (LOCATIONS), WASTE AND SUPPLY REQUIREMENTS OTHER THAN SHOWN.
3. INSTALLER MUST PROVIDE TRAP FOR PROPER INSTALLATION.
4. REFER TO 1RKHO.H OPERATION AND MAINTENANCE INSTRUCTIONS FOR TRANSFORMER AND SENSOR SETUP.



**SENSOR WIRING / SUPPLY PLUMBING SCHEMATIC**



**SECTION A-A  
ROTATED 90° INTO VIEW  
BRACKET MOUNTING  
DETAIL**



**6700 MOUNTING PLATE  
MUST BE INSTALLED BEFORE FINISH WORK  
THIS PLATE IS REQUIRED - SOLD SEPARATELY.**

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	ECN: 5733	FV		0510002020.D
DRAWN:	DATE:	CHKD.:		REVISION
FV	09/28/21	BJM	1001HO	1
APPROVED:	DATE:	SCALE:	DRAWING TYPE:	SHEET 1 OF 1
FV	09/30/21	1:1	INSTALLATION	