

## FEATURES & BENEFITS

### ACTIVATION

Sanitary activation for enhanced hygienic hydration in public places where pushing a valve button is not recommended.

### SENSOR

Mechanical valve is replaced by infrared sensor technology for reliable operation.

### TOUCHLESS OPERATION

Touchless electric sensor allows for hands-free operation with a simple front motion, eliminating the need for manual activation.

### INSTALLATION

Easy to follow instructions provides quick in-field installation to change a fountain or bottle filler to sensor operation.

### SYSTEM CERTIFIED

System is certified to NSF61 and the California health and safety code 116875 (ab 1953)



For more information, visit [www.hawsc.com](http://www.hawsc.com) or call (888) 640-4297.

## SPECIFICATIONS

The Haws 1RKHO.H sensor retrofit kit includes an electric solenoid valve controlled by a sensor that will convert most Haws standard push button operated wall-mounted single station drinking fountains, and 1920 bottle fillers to be touchless, which allows these products to be operated hands-free. Each kit contains a touchless, motion activated sensor that activates a stainless steel solenoid valve to start the flow of water, a valve regulator to control the amount of water delivered to the fountain or bottle filler, and a hard-wired transformer (mounted inside a wall, away from water). Not intended for freeze-resistant models.

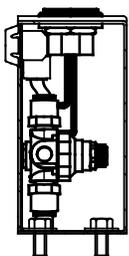
## APPLICATIONS

Specifically, this kit will work with Haws models: 1001, 1001HPS, 1001HPSMS, 1001MS, 1025, 1047, 1105, 1107L, 1109, 1109.14, 1311, 1920, 1920HPS, 1920W, 1922, H1001.8, H1001.8HPS, H1107.8, and H1109.8 (not intended for freeze-resistant models).

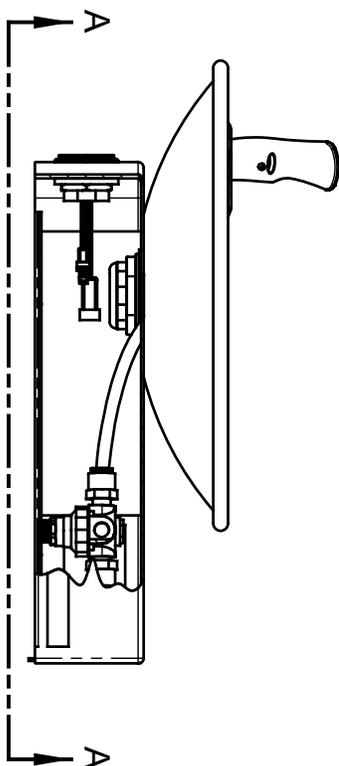
**NOTES:**

1. 1RKHO P AND 1RKHO H RETROFIT KITS ALLOW THE FOLLOWING INDOOR FOUNTAINS TO BE CONVERTED FROM A HAWS 5874 PUSH BUTTON VALVE TO HANDS-OFF (TOUCHLESS) OPERATION:  
 1001, 1001HPS, 1001HPSMS, 1001MS, 1011, 1011HPS, 1011HPSMS, 1011MS, 1025, 1025G, 1047  
 1105, 1107L, 1109, 1109.14, 1117L, 1117LN, 1119, 1119.14  
 H1001.8, H1001.8HPS, H1011.8, H1011.8HO, H1011.8HPS, H1107.8, H1109.8, H1117.8, H1119.8  
 1920, 1920HPS, 1920V  
 1311, 1409, 1430, 1431, 1435, 1441, 1501
2. RETROFIT KIT MODELS:  
 1RKHO P: INDOOR HO RETRO-FIT KIT (INCLUDES HO SENSOR WITH MOUNTING HARDWARE, SOLENOID VALVE, REGULATOR, AND 100-240V PLUG-IN TRANSFORMER - SEE SHEET 2).  
 1RKHO H: INDOOR HO RETRO-FIT KIT (INCLUDES HO SENSOR WITH MOUNTING HARDWARE, SOLENOID VALVE, REGULATOR, AND 100-277V HARDWARE TRANSFORMER - SEE SHEET 3).  
 1RKHO P REQUIRES 100-240VAC POWER CONNECTION. 1RKHO H REQUIRES 100-277V POWER CONNECTION.
3. TRANSFORMERS MUST BE MOUNTED SUCH THAT THEY ARE PROTECTED FROM WATER.
4. 1RKHO P TRANSFORMER IS COMPATIBLE WITH TYPE A AND TYPE B NORTH AMERICAN ELECTRICAL OUTLETS. FOR OTHER RECEPTACLE TYPES, AN ADAPTER (NOT SUPPLIED) MUST BE PROVIDED BY OTHERS.

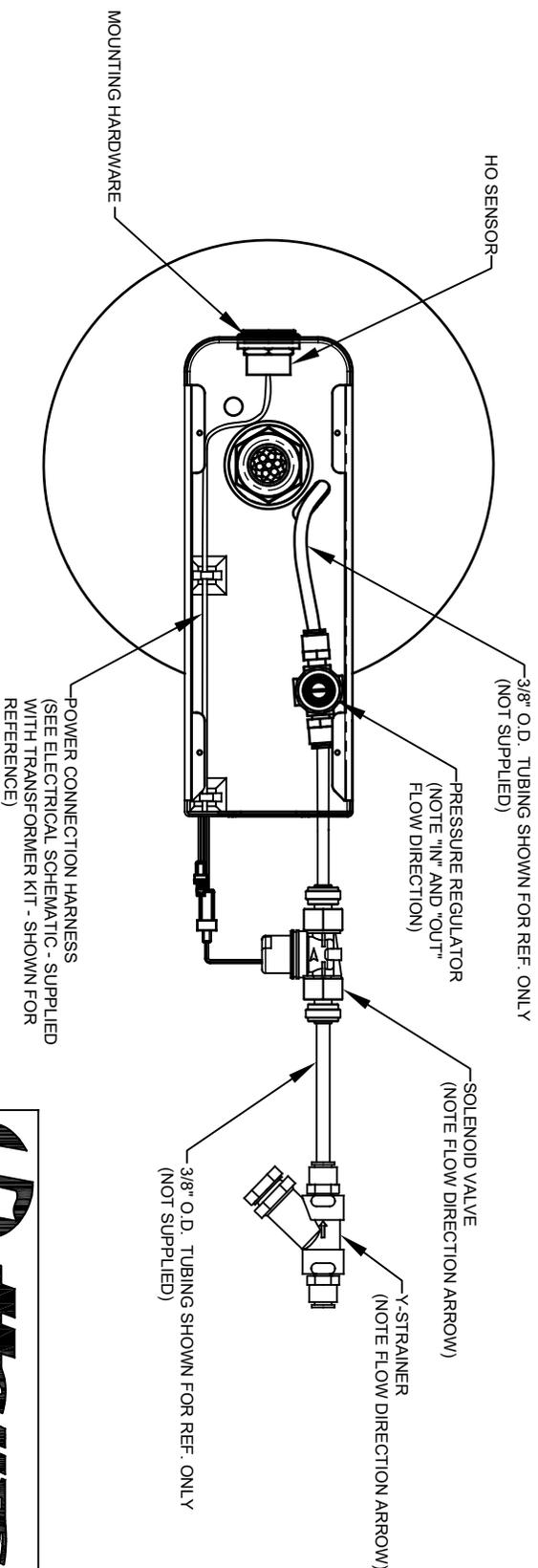
(NOTES CONTINUED ON SHEET 4)



**EXAMPLE 1920 BOTTLE FILLER INSTALLATION**



**EXAMPLE 1001 FOUNTAIN INSTALLATION**

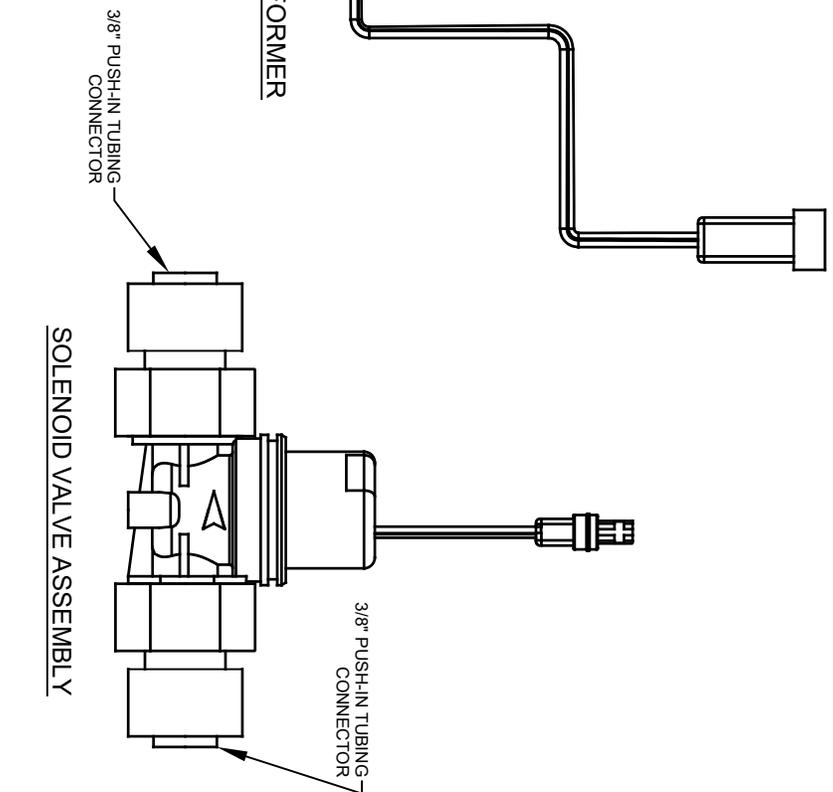
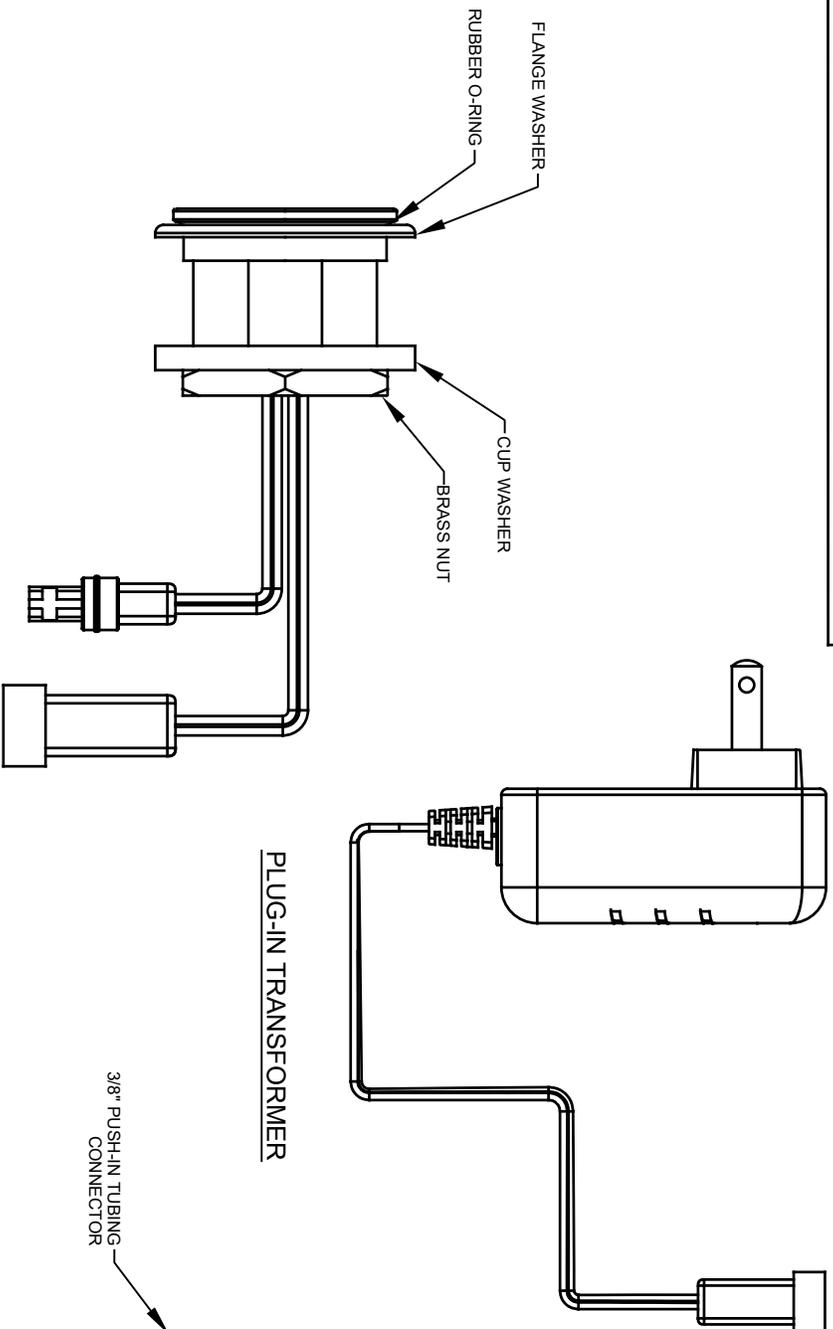


(BOTTOM PLATE OMITTED FOR CLARITY)

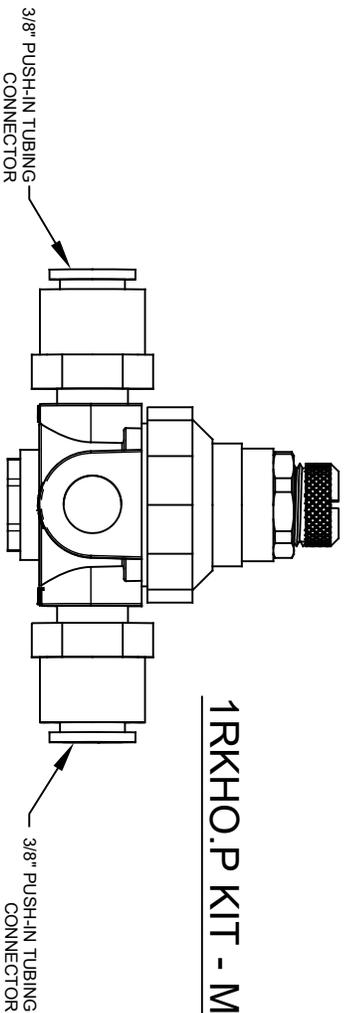
**VIEW A - A**

POWER CONNECTION HARNESS  
(SEE ELECTRICAL SCHEMATIC - SUPPLIED WITH TRANSFORMER KIT - SHOWN FOR REFERENCE)

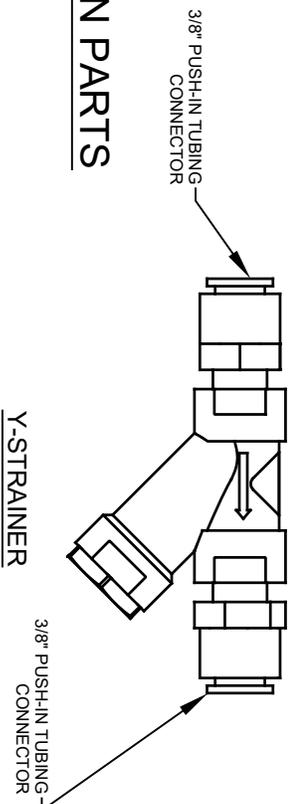
		<b>MODEL(S)</b>		1459 KLEPPE LANE	
1RKHO P / 1RKHO H		SINGLE HANDS-OFF RETRO-FIT KIT		SPARKS, NEVADA, 89431	
SINGLE HANDS-OFF RETRO-FIT KIT		SCALE: N/A		(775) 359-4712 FAX (775) 359-7424	
DRAWING TYPE: INSTALLATION		DRAWING TYPE: N/A		E-MAIL: HAWS@HAWS.CO.COM	
SIZE: A		SHEET: 1 OF 4		WEBSITE: WWW.HAWS.CO.COM	
PART NUMBER: 0580001133.D		REVISION: 4		1920 BOTTLE FILLER INSTALLATION	



HO SENSOR ASSEMBLY



1RKHO.P KIT - MAIN PARTS



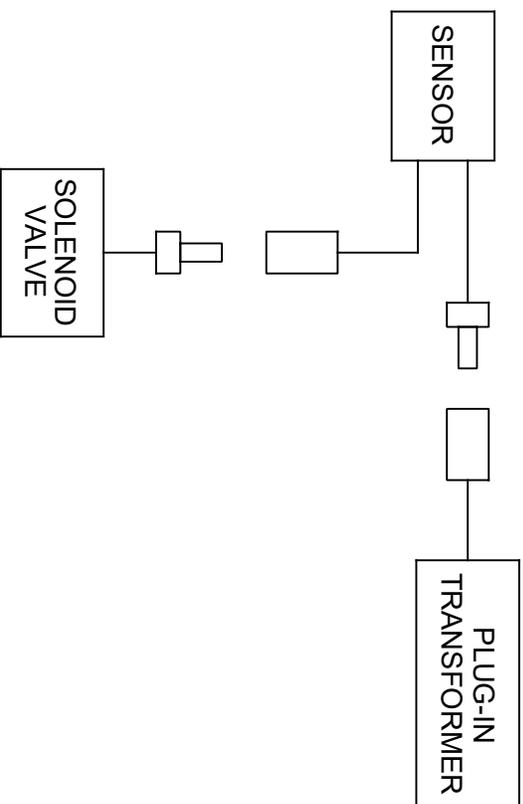
1455 KLEPPE LANE  
SPARKS, NEVADA 89431  
(775) 359-4712 FAX (775) 359-7424  
E-MAIL: HAWS@HAWSCO.COM  
WEBSITE: WWW.HAWSCO.COM

EQUIP NO.	REVISED PER BY:	MODEL(S)	PART NUMBER
5398	EQN. 5105	1RKHO.P / 1RKHO.H	0580001133.D
DRAWN BY:	DATE:	SCALE:	REVISION
DP	06/19/21	N/A	4
APPROVED:	DATE:	DRAWING TYPE:	SHEET 2 OF 4
		SINGLE HANDS-OFF RETRO-FIT KIT	
		INSTALLATION:	

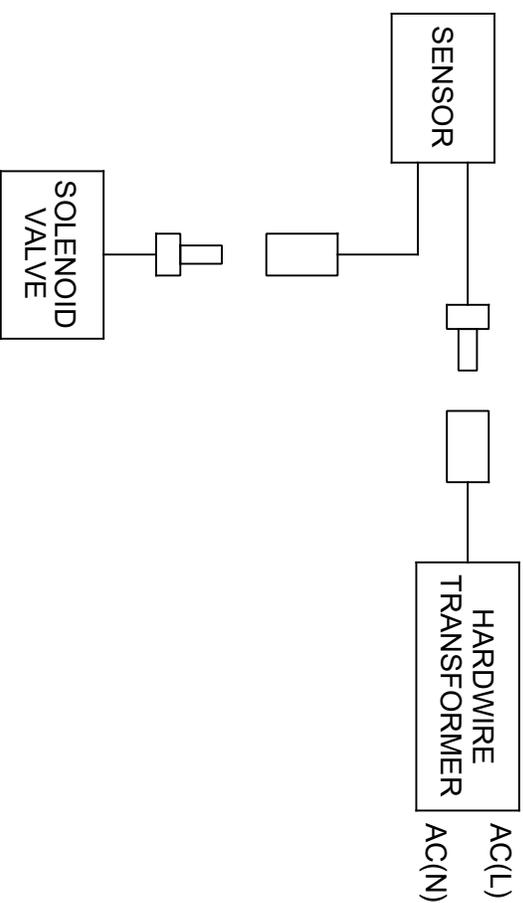


NOTES (CONTINUED FROM SHEET 1):

- 6. 1RKHO.H TRANSFORMER WIRE RANGE: 24-12 AWG  
1RKHO.H TRANSFORMER TIGHTENING TORQUE: MAX 0.4 N\*m



1RKHO.P CABLE WIRING SCHEMATIC



1RKHO.H CABLE WIRING SCHEMATIC

		<b>Haws</b>	
1459 KLEPPE LANE SPARKS, NEVADA, 89431 (775) 359-4712 FAX (775) 359-7424 E-MAIL: HAWS@HAWSCO.COM WEBSITE: WWW.HAWSCO.COM		MODEL(S) 1RKHO.P / 1RKHO.H SINGLE HANDS-OFF RETRO-FIT KIT	
ECN NO. REVISED PER BY:	DATE:	CHK'D:	B.M.
5598	12/23/20	FV	
APPROVED:	DATE:	SCALE:	DRAWING TYPE:
DP	06/15/21	N/A	INSTALLATION
PART NUMBER	REVISION	SIZE:	SHEET 4 OF 4
0580001133.D	4	A	