

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 with 30-second obstruction time-out to reduce tampering.

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).



OPTIONS

For more information, visit www.hawsc.com or call (888) 640-4297.

SPECIFICATIONS

The Haws 3RKHO.H sensor retrofit kit includes electric solenoid valves controlled by sensors that will convert most Haws standard push button operated wall-mounted dual station drinking fountains and the 1920 bottle filler combination to be a touchless system which allows these products to be operated hands-free. Each kit contains touchless, motion activated sensors that activate stainless steel solenoid valves to start the flow of water, valve regulators to control the amount of water delivered to the fountain or bottle filler, and a hard-wired in transformer (mounted inside a wall, away from water). Not intended for freeze-resistant models.

FOR INDOOR USE ONLY

APPLICATIONS

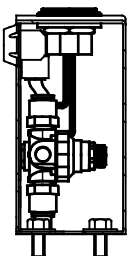
Specifically, this kit will work with Haws Models: 1011, 1011HPS, 1011HPSMS, 1011MS, 1117L, 1117LN, 1119, 1119.14, 1409, 1430, 1431, 1441, 1501, H1011.8, H1011.8HPS, H1117.8 and H1119.8 when using the 1920 bottle filler combination (not intended for freeze-resistant models). Haws manufactures drinking fountains, faucets and electric water coolers to be lead-free by all known definitions including NSF/ANSI/CAN 61- Section 9, NSF/ANSI/CAN 372, California Proposition 65, and the Federal Safe Drinking Water Act. Product is compliant to California Health and Safety Code 116875 (AB 1953-2006), and NSF/ANSI/CAN 61: Q ≤ 0.5.



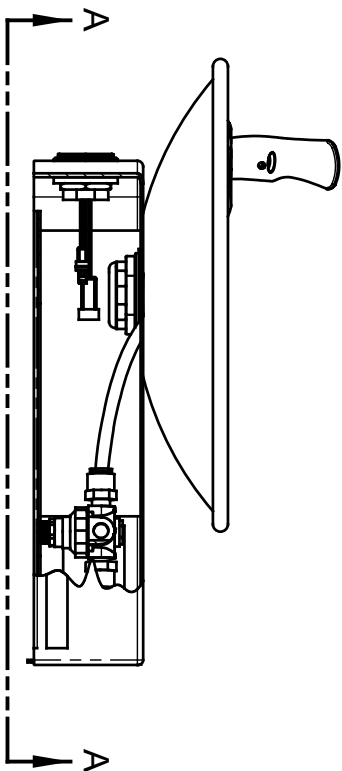
NOTES:

- 3RKHO.P AND 3RKHO.H RETROFIT KITS ALLOW INDOOR FOUNTAINS TO BE CONVERTED FROM A HAWS 587.4 PUSH BUTTON VALVE TO HANDS-OFF (TOUCHLESS) OPERATION. FOUNTAINS (NOT SUPPLIED) MAY BE MOUNTED ON THE EXTERNAL WALL OF A BUILDING PROVIDED THE TRANSFORMER SHALL BE MOUNTED INSIDE THE WALL AND PROTECTED FROM WATER AS SHOWN IN THIS INSTALLATION PER NEC/CEC AND LOCAL CODE. AVOID DIRECT CONTACT WITH SUNLIGHT ON THE SENSOR LENS.
- RETROFIT KIT MODEL:
 3RKHO.P: TRIPLE INDOOR HO RETRO-FIT KIT (INCLUDES 3X HO SENSOR WITH MOUNTING HARDWARE, 3X SOLENOID VALVE, 3X REGULATOR, WIRE SPLITTER, AND 100-240V PLUG-IN TRANSFORMER - SEE SHEET 2).
 3RKHO.H: TRIPLE INDOOR HO RETRO-FIT KIT (INCLUDES 3X HO SENSOR WITH MOUNTING HARDWARE, 3X SOLENOID VALVE, 3X REGULATOR, WIRE SPLITTER, AND 100-277V HARDWIRE TRANSFORMER - SEE SHEET 3).
 3RKHO.P REQUIRES 100-240VAC POWER CONNECTION. 3RKHO.H REQUIRES 100-277V POWER CONNECTION.
- TRANSFORMERS MUST BE MOUNTED SUCH THAT THEY ARE PROTECTED FROM WATER.
- 3RKHO.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.

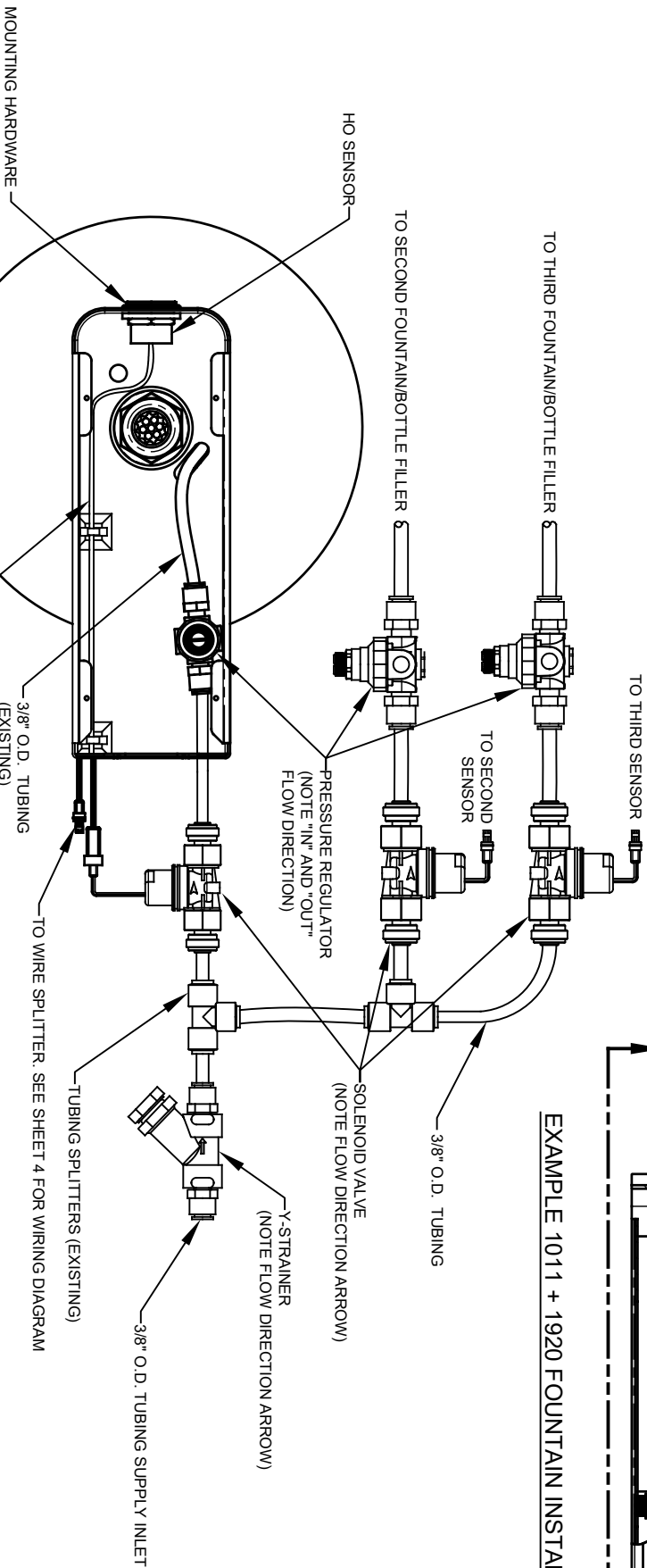
(NOTES CONTINUED ON SHEET 4)



EXAMPLE 1920 BOTTLE FILLER INSTALLATION

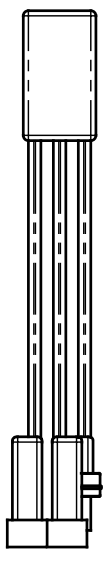


EXAMPLE 1011 + 1920 FOUNTAIN INSTALLATION

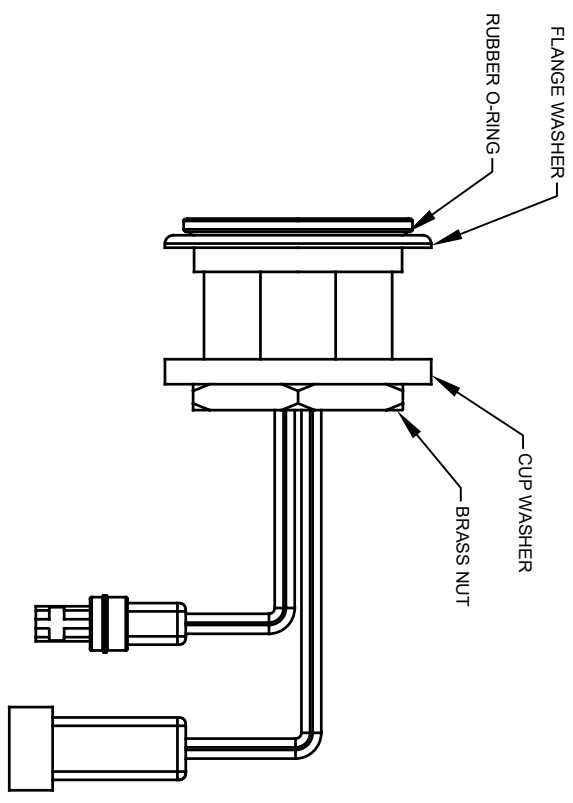


VIEW A - A
(BOTTOM PLATE OMITTED FOR CLARITY)

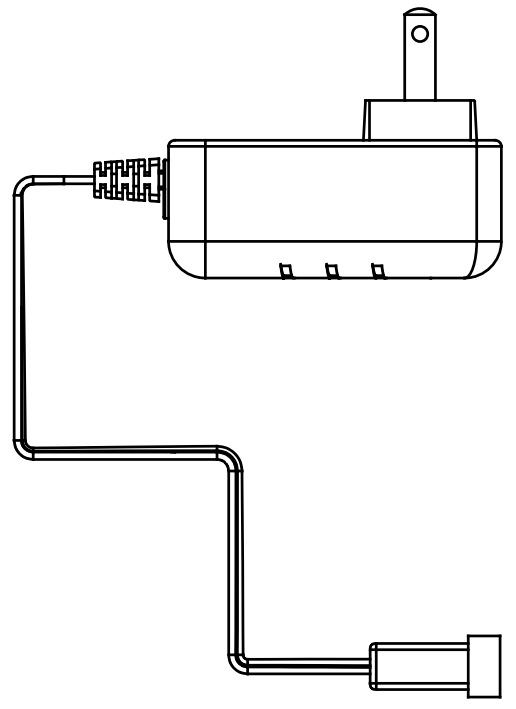
		MODEL(S)	
1456 KLEPPE LANE SPARKS, NEVADA, 89431 (775) 359-4712 FAX (775) 359-7424 E-MAIL: HAWS@HAWSCO.COM WEBSITE: WWW.HAWSCO.COM		3RKHO.P / 3RKHO.H TRIPLE HANDS-OFF RETRO-FIT KIT	
ECN NO. 5849	REVISED PERBY: 02/10/21	DATE: 10/20/21	SCALE: N/A
ECN NO. 5749	CHKD: EV	DATE: 10/20/21	DRAWING TYPE: INSTALLATION
APPROVED: BLM	DATE: 10/20/21	SCALE: N/A	DRAWING TYPE: INSTALLATION
PART NUMBER 0580001157.D		REVISION 4	



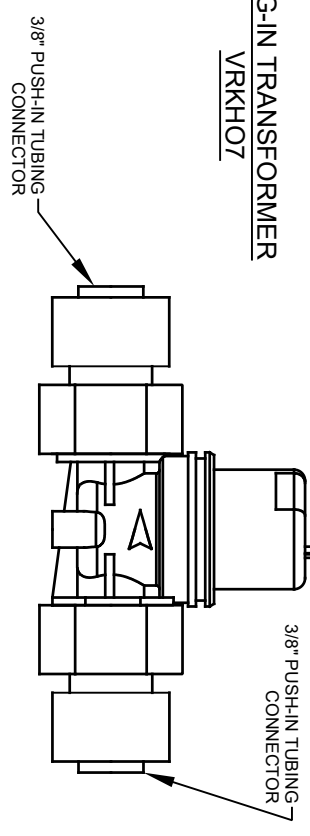
TRIPLE POWER SPLITTER



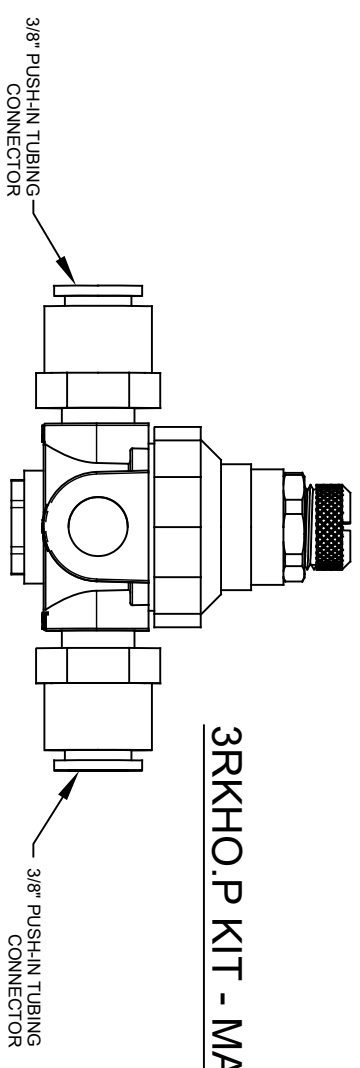
HO SENSOR ASSEMBLY (3X)
VRKH06



PLUG-IN TRANSFORMER
VRKH07

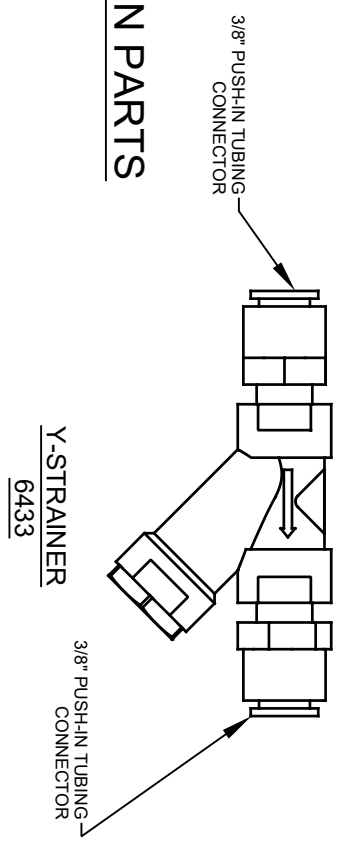


SOLENOID VALVE ASSEMBLY (3X)
VRKH05



VALVE REGULATOR (3X)
5867

3RKHO.P KIT - MAIN PARTS



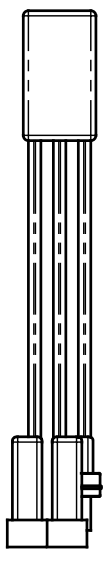
Y-STRAINER
6433



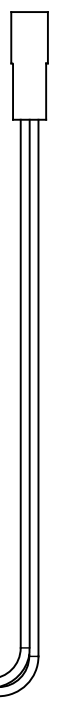
Haws

1459 KLEPPE LANE
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E-MAIL: HAWS@HAWSCO.COM
WEBSITE: WWW.HAWSCO.COM

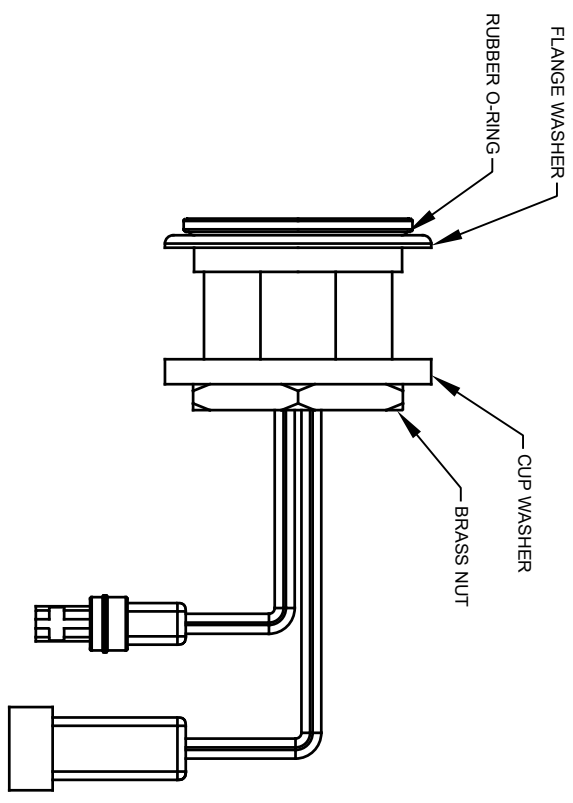
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5849 BLM	3RKHO.P / 3RKHO.H	0580001157.D
DATE: 02/10/21	TRIPLE HANDS-OFF RETRO-FIT KIT	REVISION: 4
APPROVED: BLM	SCALE: N/A	DRAWING TYPE: INSTALLATION
DATE: 10/20/21		SIZE: A
		SHEET 2 OF 4



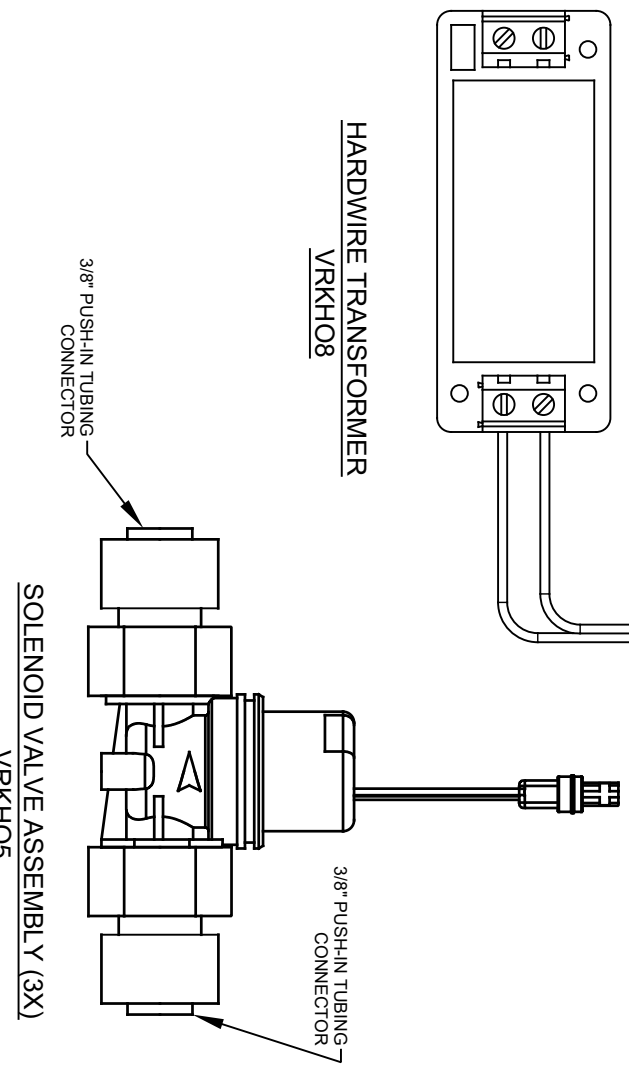
TRIPLE POWER SPLITTER



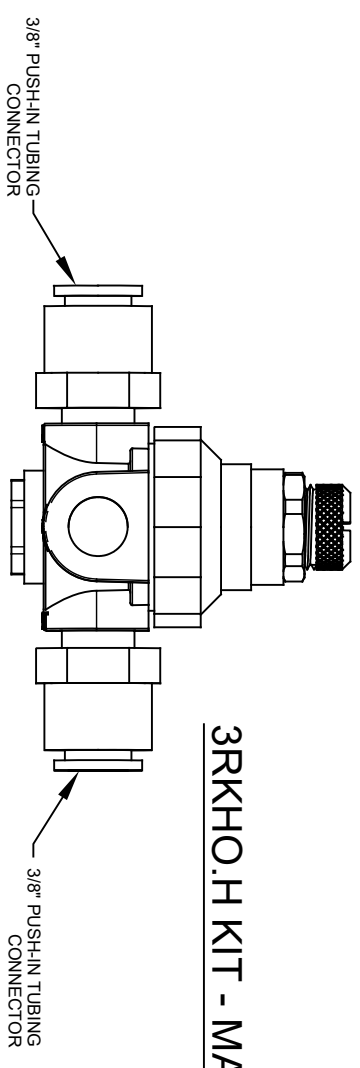
HARDWARE TRANSFORMER
VRKH08



HO SENSOR ASSEMBLY (3X)
VRKH06

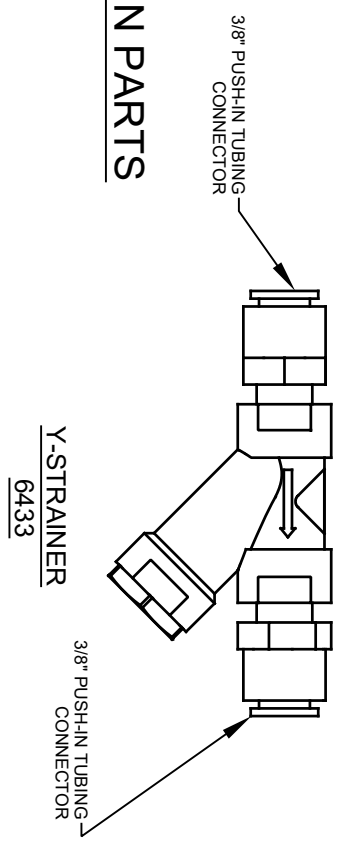


SOLENOID VALVE ASSEMBLY (3X)
VRKH05



VALVE REGULATOR (3X)
5867

3RKHO.H KIT - MAIN PARTS



Y-STRAINER
6433



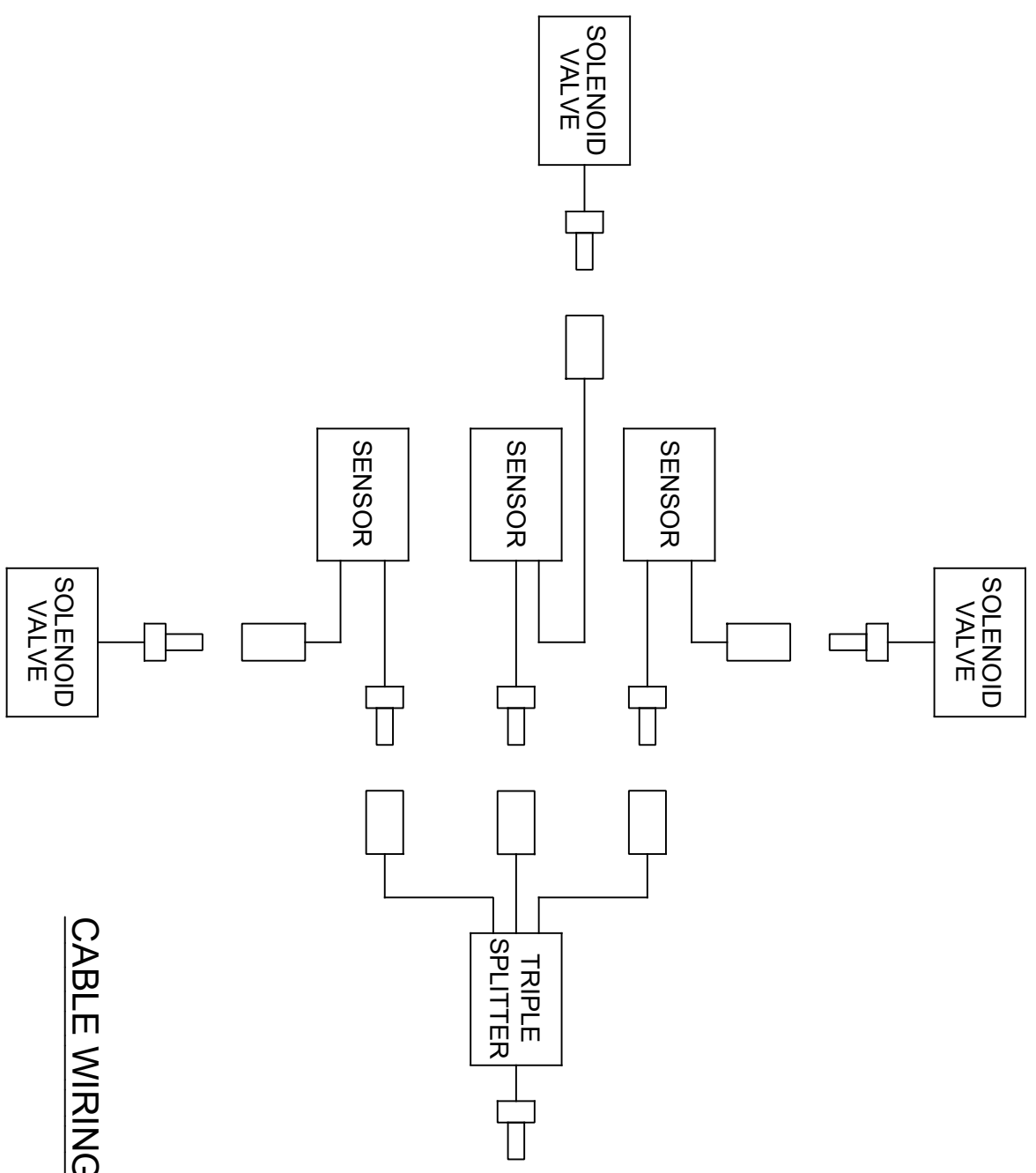
Haws

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E-MAIL: HAWS@HAWSCO.COM
WEBSITE: WWW.HAWSCO.COM

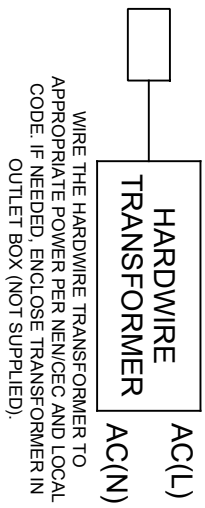
ECN NO. REVISED PER BY:	MODEL(S)	PART NUMBER
5849 5849	3RKHO.P / 3RKHO.H	0580001157.D
DATE: 02/10/21	TRIPLE HANDS-OFF RETRO-FIT KIT	REVISION: 4
APPROVED: BLM	SCALE: N/A	DRAWING TYPE: INSTALLATION
DATE: 10/20/21	SIZE: A	SHEET: 3 OF 4

NOTES (CONTINUED FROM SHEET 1):

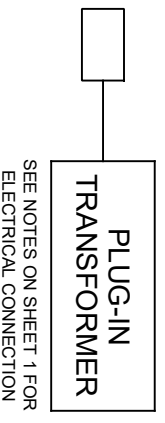
- 6. 3RKHO.H TRANSFORMER WIRE RANGE: 24-12 AWG
3RKHO.H TRANSFORMER TIGHTENING TORQUE: MAX 0.4 N*m



3RKHO.H TRANSFORMER



3RKHO.P TRANSFORMER



CABLE WIRING SCHEMATIC

		MODEL(S)	
ECN NO. REVISED PER BY:	5849	ECN. 5749	BJM
DATE:	02/10/21	CHK'D:	FV
APPROVED:	BJM	DATE:	10/28/21
1459 KLEPPE LANE SPARKS, NEVADA, 89431 (775) 359-4712 FAX (775) 359-7424 E-MAIL: HAWS@HAWSCO.COM WEBSITE: WWW.HAWSCO.COM		TRIPLE HANDS-OFF RETRO-FIT KIT	
SCALE: N/A		DRAWING TYPE: INSTALLATION	
SIZE: A		SHEET: 4 OF 4	
PART NUMBER: 0580001157.D		REVISION: 4	