

INSTALLATION, OPERATION & MAINTENANCE INSTRUCTIONS

1455 Kleppe Lane ◆Sparks, NV 89431-6467 ◆(775) 359-4712 ◆Fax (775) 359-7424 E-mail: haws@hawsco.com ◆ website: <u>www.hawsco.com</u>

No. 0580001180 (6)

MODELS 3612 & 3612F Outdoor Bottle Filler/Dual Drinking Fountain

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.

EXCEPT AS EXPRESSLY STATED HEREIN, HAWS HEREBY DISCLAIMS ALL WARRANTIES, WHETHER EXPRESS OR IMPLIED, ARISING BY LAW OR OTHERWISE, INCLUDING WITHOUT LIMITATION, ANY IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THIS WARRANTY MAY NOT BE MODIFIED OR EXTENDED WITHOUT THE WRITTEN CONSENT OF HAWS. REMEDIES AND REPLACEMENTS STATED HEREIN ARE EXCLUSIVE. IN NO EVENT SHALL HAWS BE LIABLE FOR ANY SPECIAL, PUNITIVE, CONSEQUENTIAL OR INCIDENTAL DAMAGES TO ANY PERSON INCLUDING BUT NOT LIMITED TO DAMAGES FOR LOSS OF USE OR PROFITS, SUBSTITUTE PRODUCTS OR COSTS, PROPERTY DAMAGE, OR OTHER MONETARY LOSS.

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

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RECOMMENDED TOOLS:

- Measuring Tape
- PVC Pipe Cutter
- Plastic Tubing Cutter
- PVC Solvent Weld Glue
- ½" Bit-Holding Screwdriver
- Level
- 10" Pipe Wrench
- Adjustable Plier
- 1/8 and 5/32 Tamper Resistant Hex Bits (Supplied)
- 9/16" and 5/8" Box/Open Combination Wrenches, 8" Max Length
- 3/8" Socket Wrench/Rachet, 8" Max Length
- 9/16" Deep Socket
- 15/16" Socket

LOCATION OF UNIT: The Model 3612/3612F (with Filter) Bottle Filler and Dual Fountain can be installed and assembled to be ADA accessible by first locating the pedestal base on a hardscape with dimensions that comply with your local, state, and federal codes regarding clear floor space and pedestrian protection area. Refer to the last page of this document for more information. When the right pedestal arm is installed in the high orientation, the height dimensions shown on the model specification sheet meet current Federal Americans with Disabilities Act (ADA) wheelchair requirements. When the left pedestal arm is installed in the highest position, the height dimensions shown on the model specification sheet meet current ADA standing height requirements. The bottle filler meets ADA requirements for either a front approach or a side approach. When installing this unit, local, state and federal (including ADA) codes must be adhered to. If height other than shown is required, then dimensions must be adjusted accordingly.

ATTENTION: For model 3612F (model with 3000-gallon capacity Filter), the Operating Temperature Range for the 6477 Filter Kit Assembly (Required - supplied separately) is 40° F - 100° F (4.4° C - 37.8° C).

SUPPLY LINE: Model 3612 – 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. **Model 3612F (with 3000-gallon capacity Filter) –** The minimum recommended line size is 1/2"IPS with 40-90 psi (2.76-6 ATM) flowing pressure.

PLUMBING CONNECTIONS: Model 3612 – Water supply inlet connection is a 3/8"O.D. compression fitting. Waste outlet is 1-1/2" PVC pipe. **Model 3612F** – Water supply inlet and outlet connection (for Filter) is a 3/8"O.D. push-in type fitting. Waste outlet is 1-1/2" PVC pipe. Plumbing connections will vary depending on how each model is configured during assembly. Please consult the installation drawings below for supply and waste fitting arrangements and assembly for your specific model.

MAINTENANCE: Models 3612 & 3612F Periodically clean the pushbutton valve strainer. Refer to 5874 Series Valve Operation and Maintenance Manual for more information. **Model** 3612F – Filter replacement to occur at 1 year maximum or 3,000 gallons maximum, whichever comes first. Replace filter (3000-gallon capacity) per Filter Replacement instructions listed on model 6477 Operation & Maintenance Manual.

INSTALLATION PROCEDURE

GENERAL NOTES:

1. For all compression fitting connections, only connect NSF-61 copper or plastic 3/8" outside diameter tubing. The following assembly instructions must be followed to ensure a watertight connection:

- a. Cut tubing square and clean. Deburr if necessary.
- b. Place compression nut and ferrule over end of tubing.
- c. For plastic tubing (must be 1/4" inside diameter), insert supplied tubing insert into end of tubing.
- d. Push tube into the fitting until it bottoms out.
- e. Thread nut onto fitting and tighten snugly with 5/8" wrenches.

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

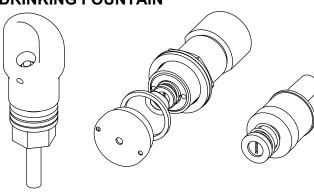
	TROUBLESHOOTING		
	PROBLEM		REPAIR CHECKLIST
1.	Insufficient bubbler flow (From Drinking Fountain)	1a.	For 3612 – Verify minimum 30 psi flowing supply pressure. For 3611F – Verify minimum 40 psi flowing supply pressure
		b.	Check that inlet screwdriver stop valve is wide open. Clean inlet strainer or adjust valve to increase flow. See 5874 Series Valve Manual*.
		C.	For 3612F (Only) – Check water filter. Replace at 1 year or 3,000 gallons (max.), whichever comes first.
2.	Insufficient bottle filler flow	2a.	For 3612 – Verify minimum 30 psi flowing supply pressure. For 3612F – Verify minimum 40 psi flowing supply pressure.
		b.	Nozzle strainer is clogged. Use nozzle removal tool to remove strainer and replace. Replacement strainers may be ordered by calling Customer Service.
		C.	Check that inlet screwdriver stop valve is wide open. Clean inlet strainer or adjust valve to increase flow. See 5874 Series Valve Manual*.
		d.	For 3612F (Only) – Check water filter. Replace at 1 year or 3,000 gallons (max.), whichever comes first.

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

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REPLACEMENT PARTS **DRINKING FOUNTAIN**



MODEL 5703M BUBBLER HEAD MODEL 5874PB **PUSHBUTTON**

MODEL VRK5874 VALVE REPAIR KIT

REPLACEMENT PARTS **BOTTLE FILLER**







MODEL VRK5874HF VALVE REPAIR KIT, **HIGH FLOW**

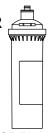


MODEL VRKNOZ1 QTY 10 AERATORS AND INSTALL TOOL

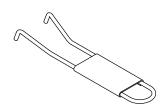
REPLACEMENT PARTS **FOUNTAIN & BOTTLE FILLER**



MODEL PBA7 BUTTON ASSEMBLY



MODEL 6428 FILTER CARTRIDGE (FOR 36XXF SERIES MODELS)



0006983506 **SPANNER WRENCH**



0510001030 HEX BIT, **PINNED, 5/32"**

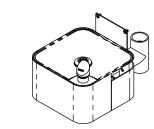


0510001029 HEX BIT, **PINNED, 1/8"**

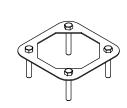
OPTIONAL ACCESSORIES



(NOT FREEZE RESISTANT)



MODEL 3660 LOCKABLE HOSE BIB MODEL 3670 DOG BOWL (NOT FREEZE RESISTANT)



MODEL MTG.3600 INSTALLATION AID

MODEL 3661 HOSE BIB (NOT FREEZE RESISTANT)

3612 & 3612F MODULAR OUTDOOR FOUNTAIN SYSTEM

PARTS BREAKDOWN

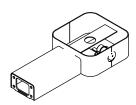
WHEN ORDERING PARTS, PLEASE SPECIFY PART NUMBER

	n	Since 1906	

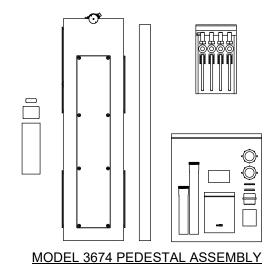
1455 KLEPPE LANE				
SPARKS, NEVADA 89431				
(775) 359-4712 FAX (775) 359-7424				
E-MAIL: HAWS@HAWSCO.COM				
WERSITE: WWW HAWSCO COM				

MODEL(S) 0580001180 3612 & 3612F 1:2 DRAWING TYPE: SHEET 1 OF

AVAILABLE SUB COMPONENT MODELS



MODEL 3671 PEDESTAL ARM ASSEMBLY





MODEL 3680 FOUNTAIN ASSEMBLY



MODEL 3690 BOTTLE FILLER ASSEMBLY

3612 & 3612F MODULAR OUTDOOR FOUNTAIN SYSTEM

PARTS BREAKDOWN



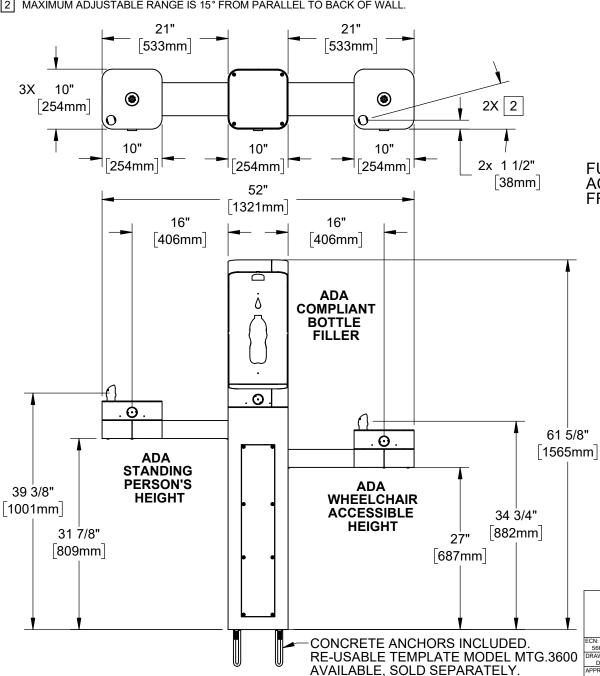
1455 KLEPPE LANE SPARKS, NEVADA 89431 (775) 359-4712 FAX (775) 359-7424 E-MAIL: HAWS@HAWSCO.COM WEBSITE: WWW.HAWSCO.COM

WHEN ORDERING PARTS, PLEASE SPECIFY PART NUMBER

| CN: | REV. ECN: | BY: | MODEL(S) | S666 | REV. ECN: | FV | MODEL(S) | S666 | S670 |

MAXIMUM ADJUSTABLE RANGE IS 15° FROM PARALLEL TO BACK OF WALL.

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FULL HEIGHT ACCESS PANEL FRONT LOWER ACCESS SIDE PANEL **BOTH SIDES**

> HAWS MODEL 3612/3612F IS FULLY COMPLIANT WITH THE FEDERAL 2010 AMERICANS WITH **DISABILITIES ACT (ADA) ACCESSIBILITY** REQUIREMENTS WHEN INSTALLED AS SHOWN HERE AND WHEN INSTALLED WITH PROPER **CLEARANCES AND ACCESS. IT IS THE** RESPONSIBILITY OF THE INSTALLER TO ADHERE TO LOCAL, STATE, AND FEDERAL CODES WHEN INSTALLING THIS UNIT. DISTANCE TO SURROUNDING OBJECTS, APPROACH SURFACES, ETC. SHOULD BE CONSIDERED. REFER TO SHEET 9 FOR MORE INFORMATION.

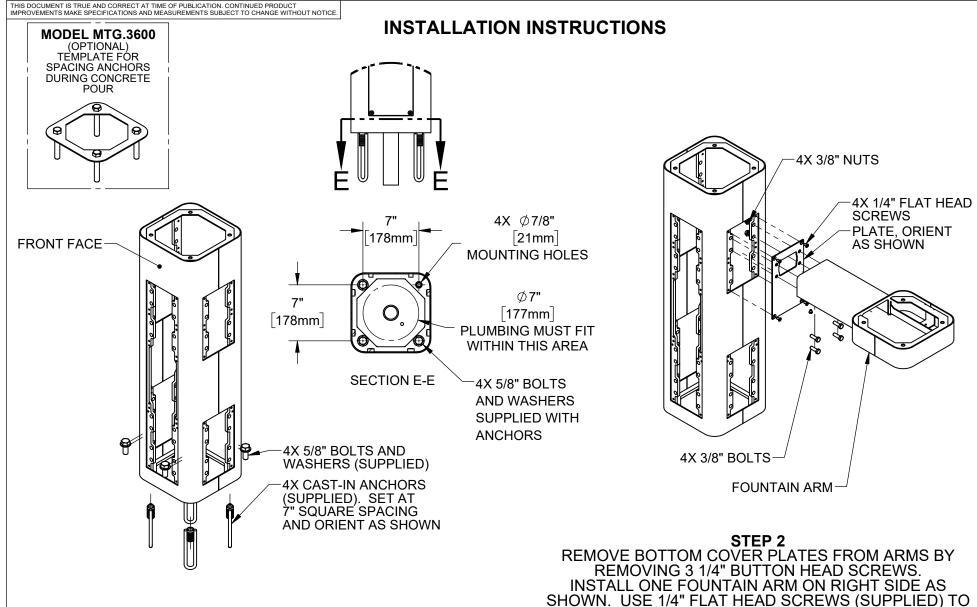
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ECN: 5666 MODEL(S) 6030 DATE: 6/11/20 FV DRAWN DHP

3612 & 3612F

PART NUMBER 0580001180.D 6 SHEET 1 OF 9

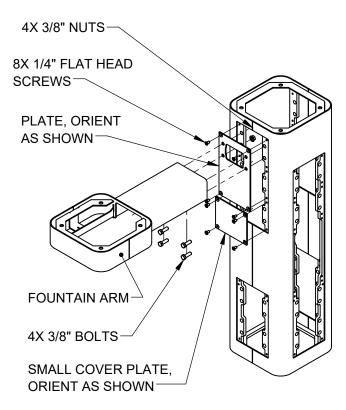


STEP 1
MOUNT PEDESTAL TO CONCRETE SLAB IN DESIRED ORIENTATION. SLAB TO BE 30" MINIMUM SQUARE AND 6" MINIMUM THICK (BY OTHERS). PLUMBING CAST IN CONCRETE MUST FIT IN 7" DIAMETER AREA CENTERED UNDER PEDESTAL LOCATION.

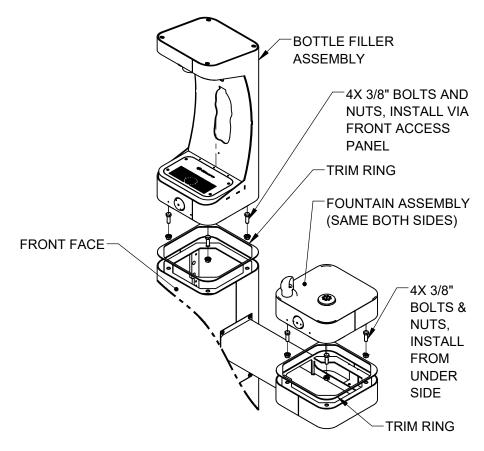
SHOWN. USE 1/4" FLAT HEAD SCREWS (SUPPLIED) TO INSTALL PLATE. USE 3/8" BOLTS AND NUTS (SUPPLIED) AND TORQUE TO 18 FT-LBS TO INSTALL ARM.



INSTALLATION INSTRUCTIONS



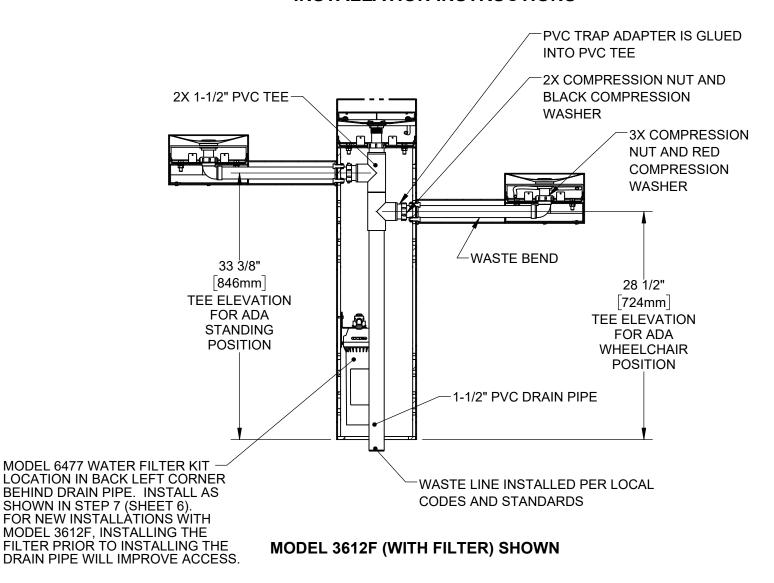
STEP 3
INSTALL REMAINING ARM ON LEFT SIDE AS SHOWN.
USE 1/4" FLAT HEAD SCREWS (SUPPLIED) TO INSTALL
PLATES. USE 3/8" BOLTS AND NUTS (SUPPLIED) AND
TORQUE TO 18 FT-LBS TO INSTALL ARM.



PLACE SQUARE TRIM RING ON BOTTOM OF BOTTLE FILLER AND PLACE BOTTLE FILLER ON TOP OF PEDESTAL, FACING THE FRONT. USE 3/8" BOLTS AND NUTS VIA THE FRONT ACCESS PANEL TO SECURE BOTTLE FILLER TO PEDESTAL. PLACE TRIM RING AND INSTALL FOUNTAINS ON ARMS AS SHOWN. CAREFULLY CENTER BOTTLE FILLER, FOUNTAIN, AND TRIM RINGS, THEN TORQUE BOLTS/NUTS TO 18 FT-LBS



INSTALLATION INSTRUCTIONS



STEP 5

INSTALL SUPPLIED DRAIN COMPONENTS AS SHOWN. RED COMPRESSION WASHERS ADAPT FROM 1-1/4" TO 1-1/2" AT EACH DRAIN TAIL PIECE. BLACK COMPRESSION WASHERS ARE USED IN TRAP ADAPTERS AT TEES. USE APPROPRIATE PVC CEMENT TO MAKE SOLVENT CEMENT CONNECTIONS. TRIM WASTE BEND AND/OR TAIL PIECE LENGTH IF REQUIRED. NOTE THAT EXTRA PARTS MAY BE INCLUDED TO FACILITATE OTHER CONFIGURATIONS OF THIS FOUNTAIN.



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6030 DATE: 6/11/20 5666

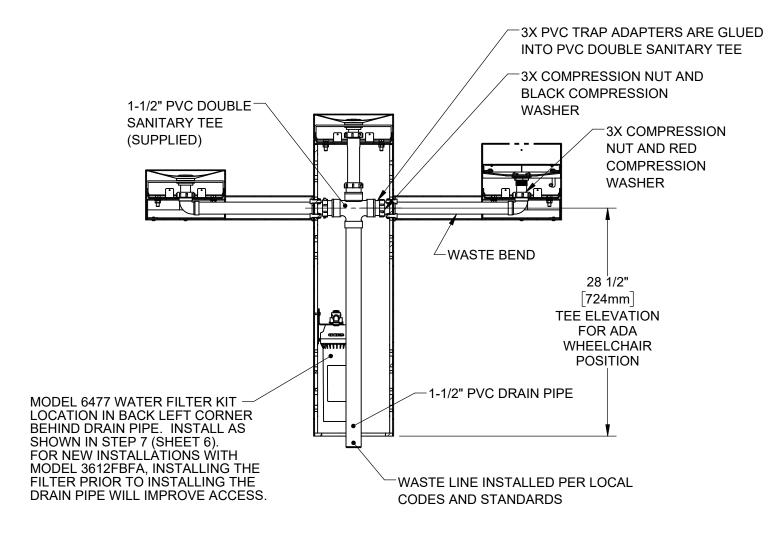
PART NUMBER 0580001180.D 6

SHEET 4 OF 9

MODEL(S) 3612 & 3612F

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INSTALLATION INSTRUCTIONS



ALTERNATE MODEL 3612FBFA (WITH FILTER) SHOWN

STEP 5 (ALTERNATE)

INSTALL SUPPLIED DRAIN COMPONENTS AS SHOWN. RED COMPRESSION WASHERS ADAPT FROM 1-1/4" TO 1-1/2" AT EACH DRAIN TAIL PIECE. BLACK COMPRESSION WASHERS ARE USED IN TRAP ADAPTERS AT TEE(S). USE APPROPRIATE PVC CEMENT TO MAKE SOLVENT CEMENT CONNECTIONS. TRIM WASTE BEND AND/OR TAIL PIECE LENGTH IF REQUIRED. NOTE THAT EXTRA PARTS MAY BE INCLUDED TO FACILITATE OTHER CONFIGURATIONS OF THIS FOUNTAIN.

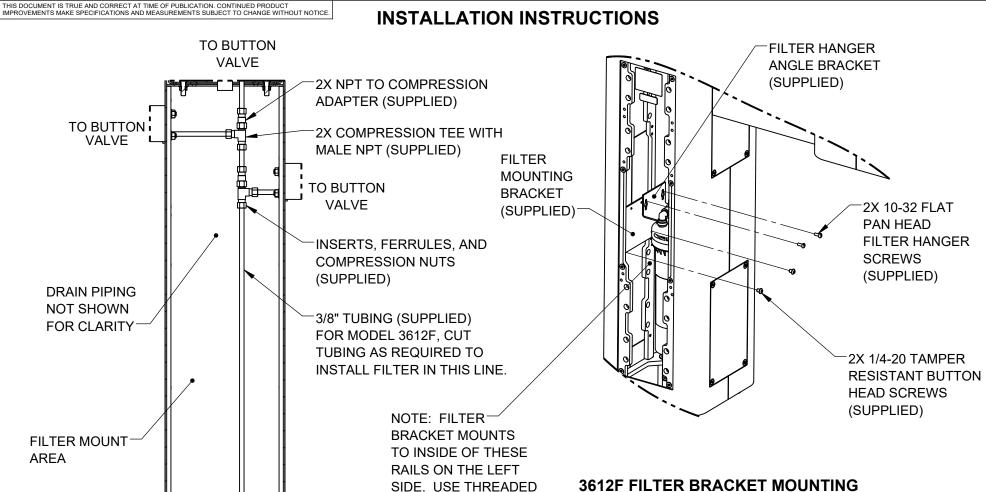
			7	-	Since 1906
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| REV. ECN: | BY: | MODEL(S) | 3612 & 3612 F | 611120 | J. |

WEBSITE: WWW.HAWSCO.COM
PART NUMBER
0580001180.D
REVISION

6



3612 SUPPLY PLUMBING

FROM SOURCE

STEP 6

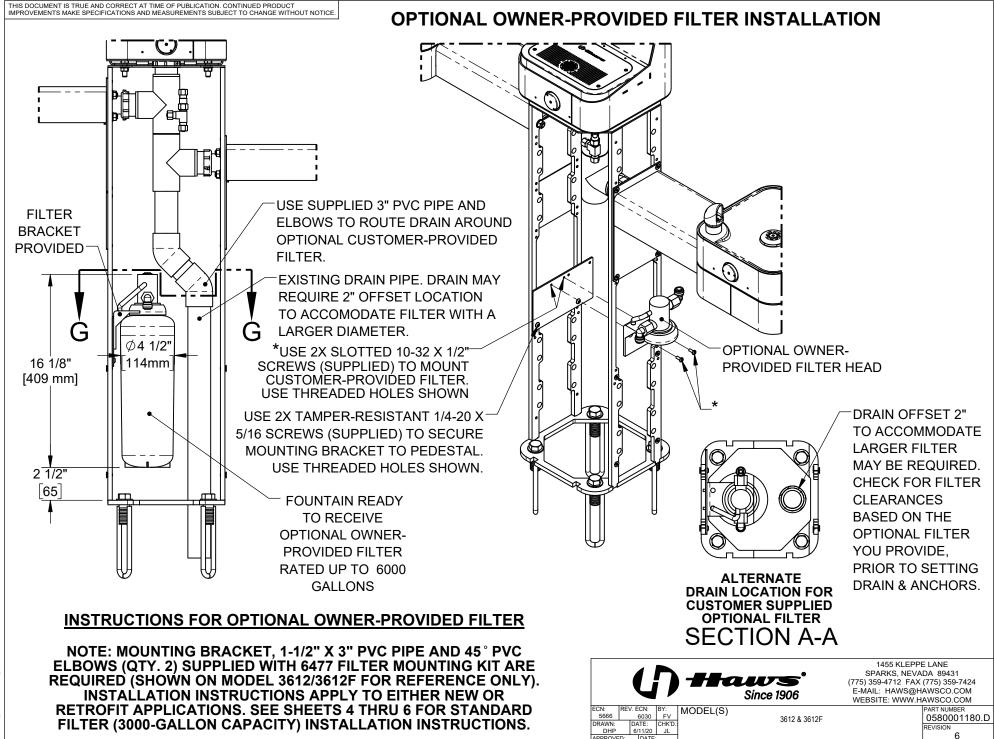
COMPLETE WATER SUPPLY PLUMBING AS SHOWN. OPEN SUPPLY VALVE(S) AND TEST. REPLACE ARM BOTTOM PLATES AND PEDESTAL ACCESS PLATES.

STEP 7

INSTALL FILTER MOUNTING BRACKET (SUPPLIED WITH MODEL 6477)
TO LEFT INSIDE VERTICAL RAILS USING 2 BUTTON HEAD SCREWS
AS INDICATED ABOVE. INSTALL FILTER HEAD ON HANGER ANGLE WITH
4 SUPPLIED SELF-TAPPING SCREWS. IF USING THE SUPPLIED 3000GALLON CAPACITY FILTER, INSTALL FILTER HANGER ANGLE BRACKET IN
RIGHTMOST HOLES AS SHOWN. SEE SHEET 6 FOR OWNER-PROVIDED
FILTER (6000-GALLON CAP.) INSTALLATION INSTRUCTIONS. SEE MODEL
6477 OPERATION AND MAINTENANCE MANUAL FOR ADDITIONAL DETAILS.



HOLES SHOWN.



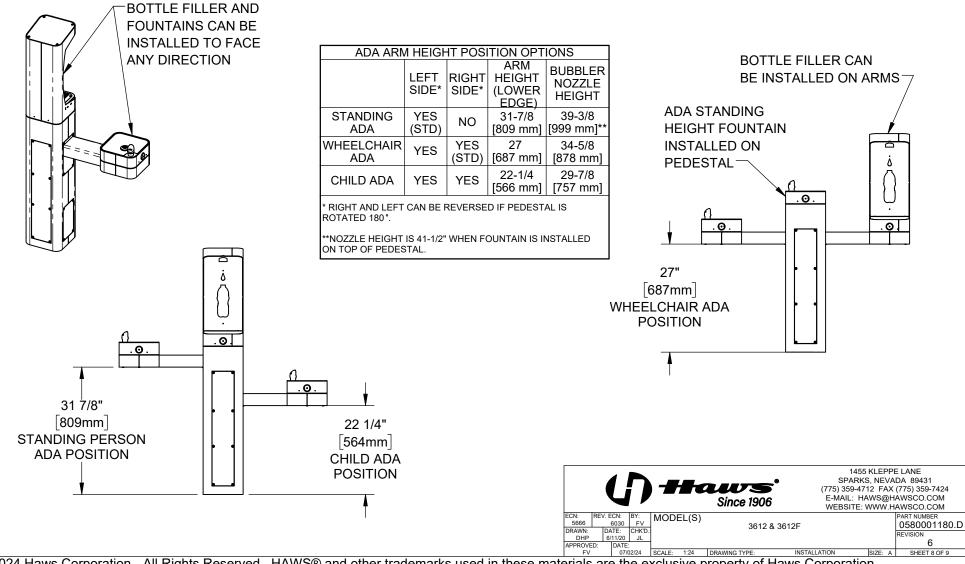
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NOTES ON OPTIONAL CONFIGURATIONS

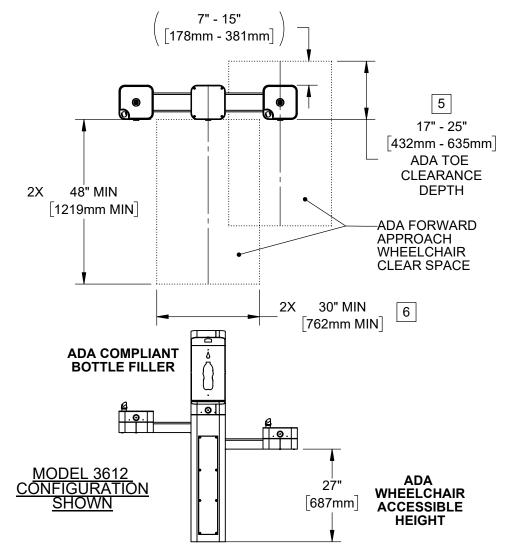
HAWS 3600/3600F SERIES OUTDOOR FOUNTAINS ARE MODULAR AND CAN BE ASSEMBLED AND CONFIGURED MANY DIFFERENT WAYS. DISPLAYED HERE ARE A FEW EXAMPLES. CONFIGURATIONS OTHER THAN THAT SHOWN IN THE INSTALLATION INSTRUCTIONS FOR THE 3612/3612F MAY AFFECT COMPLIANCE WITH ADA REGULATIONS. IT IS THE RESPONSIBILITY OF THE INSTALLER TO UNDERSTAND LOCAL, STATE, AND FEDERAL REGULATIONS AS APPLICABLE IF INSTALLING THIS FOUNTAIN IN CONFIGURATIONS OTHER THAN THAT INDICATED ON SHEET 1 (PAGE 6 OF 14).

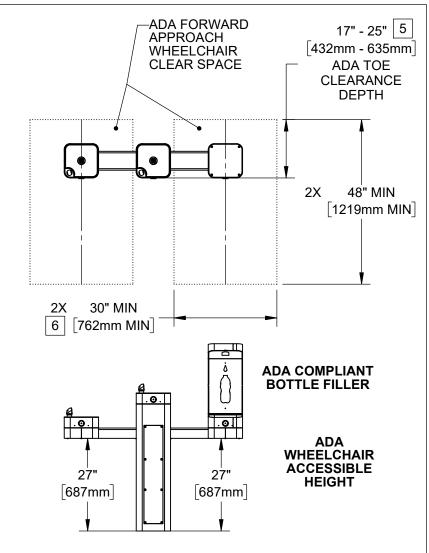


NOTES:

PAGE 14 OF

- CLEAR FLOOR SPACES APPLY FOR ALL MODELS WITH A DRINKING FOUNTAIN OR BOTTLE FILLER INSTALLED AT ADA WHEELCHAIR ACCESSIBLE HEIGHT AND PEDESTAL MOUNTED BOTTLE FILLERS.
- 4. ORIENTATION OF CLEAR FLOOR SPACE IS DEPENDENT ON THE FOUNTAIN OR BOTTLE FILLER ORIENTATION.
- 5 | SOME CALIFORNIA JURISDICTIONS MAY REQUIRE 18" MIN.
- 6 SOME CALIFORNIA JURISDICTIONS MAY REQUIRE 32" MIN.
- 7. REFER TO ADA STANDARDS AND/OR YOUR LOCAL BUILDING CODE FOR CLEAR SPACE GUIDELINES FOR PARALLEL APPROACH.





MODEL 3612BFA ALTERNATE CONFIGURATION SHOWN

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