

# 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. 0510002057 (3)

# MODEL 3612FRBFA Outdoor Bottle Filler/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

#### **RECOMMENDED TOOLS:**

- Measuring Tape
- PVC Pipe Cutter
- Plastic Tubing Cutter
- PVC Solvent Weld Glue
- 1/4" 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 3612FRBFA Freeze Resistant 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, and the left pedestal arm is installed in the middle orientation, the height dimensions shown on the model specification sheet meet current Federal Americans with Disabilities Act (ADA) wheelchair 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.

**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:** Water supply inlet connection is a 3/8"O.D. compression fitting. Waste outlet is 1-1/2" PVC pipe. Plumbing connections vary depending on how the unit is configured during assembly. Please consult the installation drawings below for supply and waste fitting arrangements and assembly for your specific model.

**MAINTENANCE:** Refer to 6518FR & 6518.2FR Operation and Maintenance Sheets for more information.

#### INSTALLATION PROCEDURE

Follow the installation procedures outlined in the installation diagrams for your specific model below. Note: 3612FRBFA version must be connected to Haws Models 6518FR & 6518.2FR freeze resistant bury valves, sold separately. See 6518.2FR series installation manuals for instructions.

#### **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"

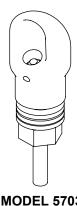
	TROUBLESHOOTING					
	PROBLEM		REPAIR CHECKLIST			
1.	Insufficient bubbler flow (From Drinking Fountain)	1a.	Check that inlet screwdriver stop valve is wide open (Not Supplied).			
		b.	Verify minimum 30 psi flowing supply pressure.			
		C.	Adjust valve to increase flow. See 6518FR or 6518.2FR Manual*.			
2.	Insufficient bottle filler flow	2a.	Check that inlet screwdriver stop valve is wide open (Not Supplied).			
		b.	Verify minimum 30 psi flowing supply pressure.			
		C.	Nozzle strainer is clogged. Use nozzle removal tool to remove strainer and replace. Replacement strainers may be ordered by calling Customer Service.			
		C.	Adjust valve to increase flow. See 6518FR or 6518.2FR Manual.*			

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

#### **REPLACEMENT PARTS**



0410000564 BOTTLE FILLER DRAIN COVER PLATE



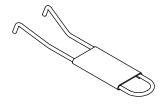
MODEL 5703M BUBBLER HEAD



0110000641 AERATOR, FR (FR MODELS ONLY)



MODEL 5881PBA BUTTON ASSEMBLY (FR MODELS)



0006983506 SPANNER WRENCH (NON FR MODELS)

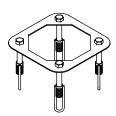


0510001030 HEX BIT, PINNED, 5/32"



0510001029 HEX BIT, PINNED, 1/8"

#### **OPTIONAL ACCESSORIES**



MODEL MTG.3600 INSTALLATION AID

## 3612FRBFA MODULAR OUTDOOR FOUNTAIN SYSTEM

### PARTS BREAKDOWN



SCALE: 1:2 DRAWING TYPE:

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

ECN: 5804 | REV. ECN: BY: FV | MODEL(S)

DRAWN: DATE: CHK'D: CM
DHP 6/11/20 KM

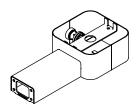
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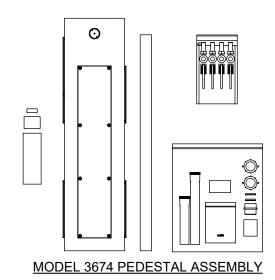
WHEN ORDERING PARTS, PLEASE SPECIFY PART NUMBER

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#### **AVAILABLE SUB-COMPONENT MODELS**



#### MODEL 3671 PEDESTAL ARM ASSEMBLY





#### MODEL 3680FR\* FOUNTAIN ASSEMBLY

(PUSH BUTTON SHOWN IS FOR REF. ONLY, ACTUAL PUSH BUTTON IS DIFFERENT STYLE)



#### MODEL 3690FR\* BOTTLE FILLER ASSEMBLY

(PUSH BUTTON SHOWN IS FOR REF. ONLY, ACTUAL PUSH BUTTON IS DIFFERENT STYLE)

**3612FRBFA MODULAR OUTDOOR FOUNTAIN SYSTEM** 

THE USE OF SEPARATE FREEZE RESISTANT VALVES (NOT SUPPLIED). SEE INSTALLATION DRAWINGS ON THE FOLLOWING PAGES FOR DETAILS.

\*FR (FREEZE RESISTANT) MODELS REQUIRE

### **PARTS BREAKDOWN**

WHEN ORDERING PARTS, PLEASE SPECIFY PART NUMBER

Haws Since 1906 MODEL(S)

SCALE: 1:16 DRAWING TYPE:

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

BY: EV DATE: CHK'D 6/11/20 KM DATE: 05/30/25

3612FRBFA

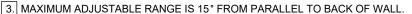
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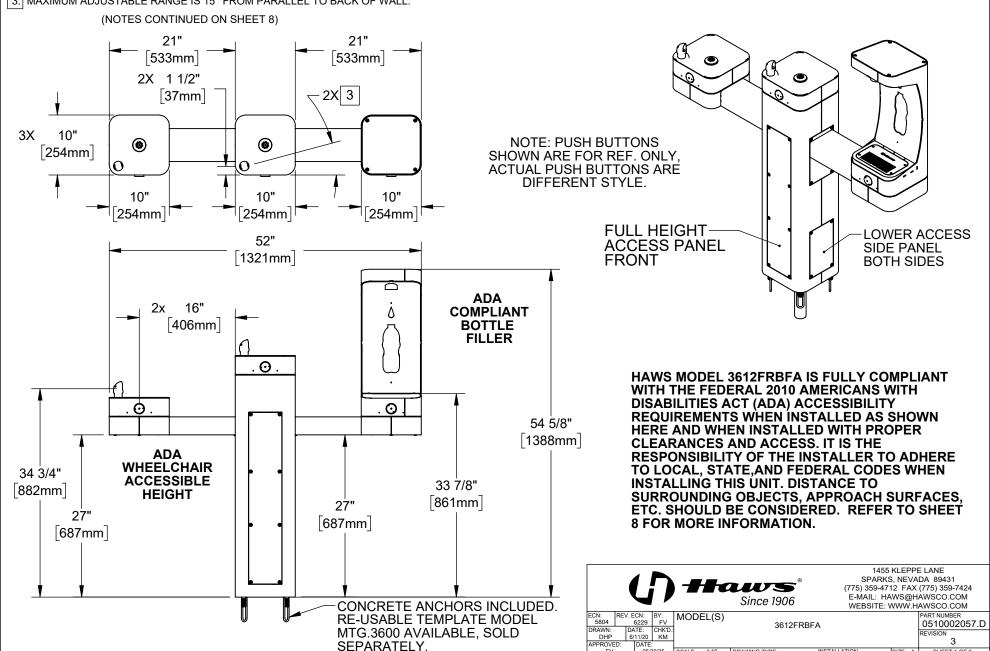
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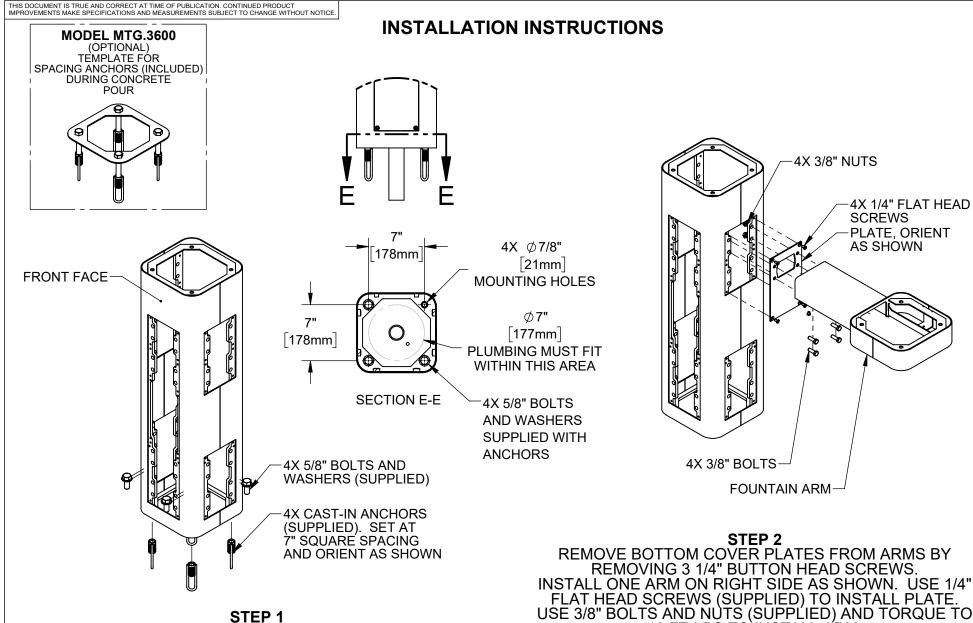
#### NOTES:

PAGE 6 OF

- WHEN INSTALLING THIS UNIT, LOCAL, STATE, OR FEDERAL CODES SHOULD BE ADHERED TO. INSTALL A
  TRAP IN THE WASTE LINE AND A SCREWDRIVER STOP IN THE SUPPLY LINE IF REQUIRED.
- 2. ARM HEIGHT CAN BE CONFIGURED AS DESIRED, REFER TO SHEET 7 FOR ALTERNATE CONFIGURATIONS.





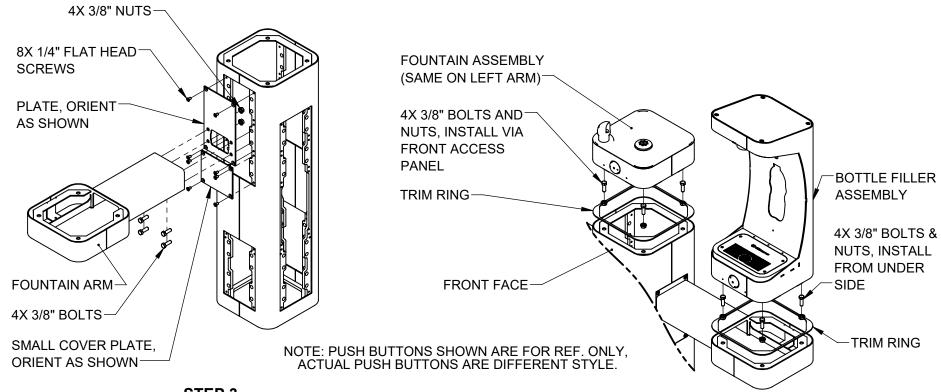


MOUNT PEDESTAL TO CONCRETE SLAB IN DESIRED ORIENTATION. SLAB TO BE 30" MINIMUM SQUARE AND 6" MINIMUM THICK (NOT SUPPLIED). PLUMBING CAST IN CONCRETE MUST FIT IN 7" DIAMETER AREA CENTERED UNDER PEDESTAL LOCATION, FOR 3612FRBFA MODEL, SEE REQUIRED BURY VALVE (NOT SUPPLIED) INSTALLATION REQUIREMENTS ON SHEET 6.

INSTALL ONE ARM ON RIGHT SIDE AS 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

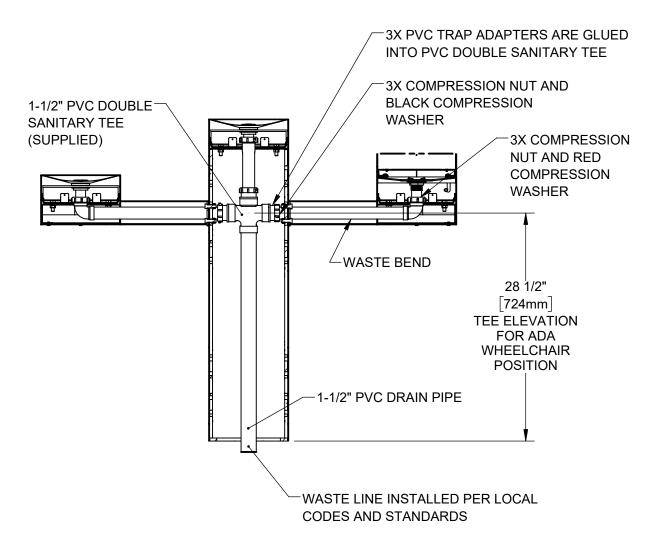


STEP 3
INSTALL REMAINING ARM ON LEFT SIDE AS SHOWN.
USE 1/4" FLAT HEAD SCREWS (SUPPLIED) TO INSTALL
PLATES. USE 3/8" BOLTS AND NUTS (SUPPLIED) AND
TORQUE TO 18 FT-LBS TO INSTALL ARM.

PLACE SQUARE TRIM RING ON BOTTOM OF BOTTLE FILLER AND PLACE BOTTLE FILLER ON TOP OF EITHER ARM, FACING THE FRONT. USE 3/8" BOLTS AND NUTS TO SECURE BOTTLE FILLER TO THE ARM. PLACE TRIM RING AND INSTALL FOUNTAIN ON PEDESTAL VIA THE FRONT ACCESS PANEL. PLACE TRIM RING AND INSTALL SECOND FOUNTAIN ON REMAINING ARM. CAREFULLY CENTER BOTTLE FILLER, FOUNTAINS, 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 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.

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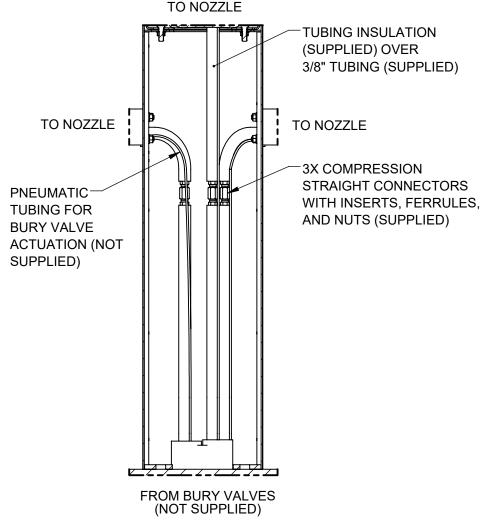
1455 KLEPPE LANE SPARKS, NEVADA 89431 (775) 359-4712 FAX (775) 359-7424 E-MAIL: HAWS@HAWSCO.COM WEBSITE: WWW.HAWSCO.COM

| REV. ECN: | BY: | MODEL(S) | 3612FRBFA | BOTTE: | CHKO: | 3612FRBFA | BOTTE: | CHKO: | BOTTE: |

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#### **INSTALLATION INSTRUCTIONS**



**3612FRBFA SUPPLY PLUMBING\*** 

\* SEE NEXT SHEET OF THIS DRAWING FOR MORE INFORMATION ON INSTALLING BURY VALVES WITH THIS MODEL.

#### STEP 6

COMPLETE WATER SUPPLY PLUMBING AS SHOWN. OPEN SUPPLY VALVE(S) AND TEST. REPLACE ARM BOTTOM PLATES AND PEDESTAL ACCESS PLATES. BURY VALVES (NOT SUPPLIED) ARE REQUIRED FOR 3612FRBFA INSTALLATION. REFER TO BURY VALVE OPERATION AND MAINTENANCE MANUAL FOR ADDITIONAL INFORMATION.

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

ECN: 5804 REV. ECN: BY: 6229 FV

DRAWN: DATE: CHK'D. CHK'D. APPROVED: IDATE:

MODEL(S) 3612FRBFA

PART NUMBER 0510002057.D REVISION

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(FOR REFERENCE ONLY)

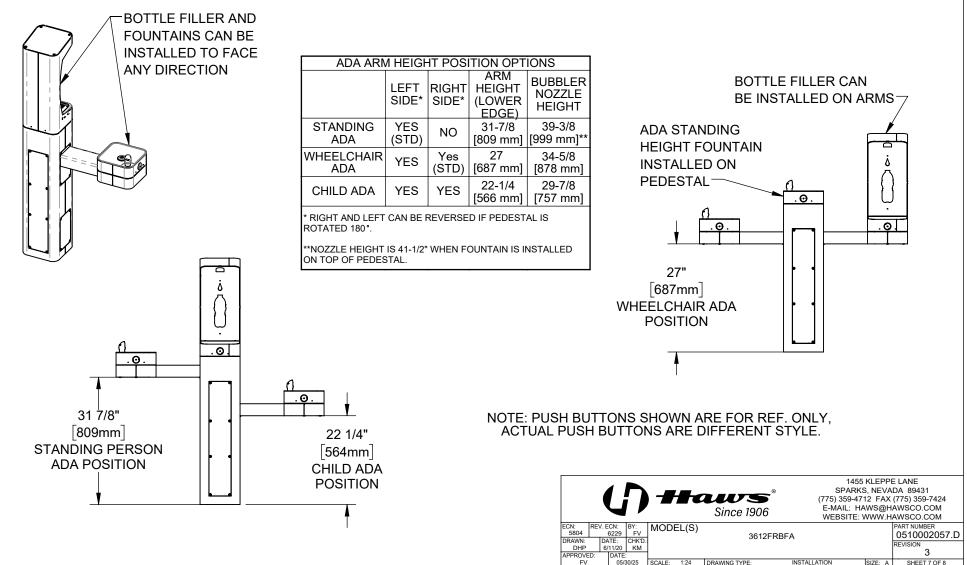
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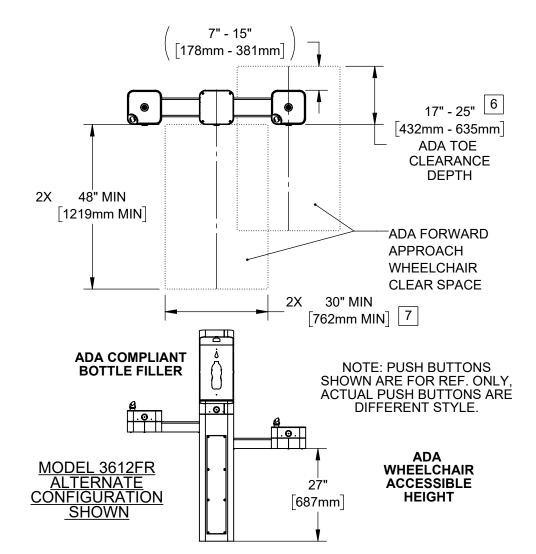
#### NOTES ON OPTIONAL CONFIGURATIONS

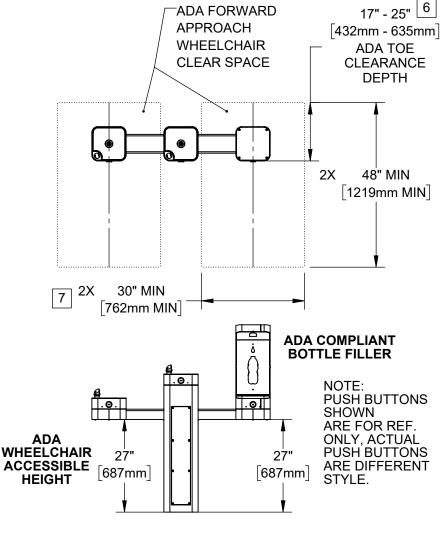
HAWS 3600FR SERIES OUTDOOR FOUNTAINS ARE MODULAR AND CAN BE ASSEMBLED AND CONFIGURED MANY DIFFERENT WAYS. DISPLAYED HERE ARE A FEW EXAMPLES. CONFIGURATIONS OTHER THAN THAT SHOWN IN THE INSTALLATION INSTRUCTIONS FOR THE 3612FRBFA MAY AFFECT COMPLIANCE WITH ADA REGULATIONS. IT IS THE RESPONSIBILITY OF 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 13).



#### NOTES (CONTINUED FROM SHEET 1):

- 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.
- ORIENTATION OF CLEAR FLOOR SPACE IS DEPENDENT ON THE FOUNTAIN OR BOTTLE FILLER ORIENTATION.
- 6. SOME CALIFORNIA JURISDICTIONS MAY REQUIRE 18" MIN.
- 7. SOME CALIFORNIA JURISDICTIONS MAY REQUIRE 32" MIN.
- 8. REFER TO ADA STANDARDS AND/OR YOUR LOCAL BUILDING CODE FOR CLEAR SPACE GUIDELINES FOR PARALLEL APPROACH.





#### MODEL 3612FRBFA CONFIGURATION SHOWN

THESE HAWS MODELS ARE 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.

