Modular Outdoor Fountain System

MODELS 3600/3601/3602/3603/3610/3611/3612/3620/3621/3630/3601FR/

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

LIMITED WARRANTY

HAWS warrants that this specific product is guaranteed against defective material or poor workmanship for a period of **one year from date of shipment**. 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 claim is made in writing to Haws 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 will not be liable for the cost of repairs, alterations or replacements, or for any expense connected therewith made by the owner or his agents, except upon written authority from HAWS, Sparks, Nevada. HAWS will not be liable for any damages caused by defective materials or poor workmanship, except for replacements, as provided above. Buyer agrees that HAWS shall not be liable for general, special, or consequential damages claimed to arise under the contract of sale. The drinking fountain 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.

**NO OTHER WARRANTIES EXPRESSED OR IMPLIED ARE AUTHORIZED, PROVIDED OR GIVEN BY HAWS.**

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, PVC solvent weld glue, screwdriver, level, 12” adjustable wrench, 10” pipe wrench, 1/8” or 5/32” tamper-resistant hex key wrench (supplied), 9/16”, 1/2”, 7/16” socket wrench or open-end wrench.

LOCATION OF UNIT: The Model 36XX/36XXFR Modular Fountain System can be assembled to be wheelchair accessible. When the pedestal arm is installed in the high orientation, the height dimensions shown on the model specification sheet 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. quick-connect fitting. Waste outlet is female 1-1/2” PVC pipe. Plumbing connections vary depending on how the unit is configured during assembly. The pedestal (3674/3675) is supplied with various fittings and PVC pipe for a top waste connection. The arm (3671/3673) is supplied with various fittings, waste tee, and elbow for a side arm waste connection. Use provided hose clamp to secure exposed sleeve on rubber compression washer to tailpiece on bowl. If two arms are attached to the pedestal at the same height, a 1-1/2” PVC cross is required (not supplied) for connecting the waste lines.

MAINTENANCE: For 36XX models- Periodically clean the pushbutton strainer. Refer to 5874 Series Valve Operation and Maintenance Sheet for more information.
For 36XXFR models- Refer to 6518 Operation and Maintenance Sheet for more information.

INSTALLATION PROCEDURE

The 36XX Modular Outdoor Drinking Fountain is a system in interchangeable components that can be installed in the configuration best suited to the installation site. The fountain can be reconfigured after installation as desired. Follow the installation procedures outlined in the installation diagram. 36XXFR versions must be connected to 6518 series freeze resistant bury valve. See 6518 installation manual for instructions.

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.

<table>
<thead>
<tr>
<th>Tube Sizes</th>
<th>O.D. Tolerance</th>
<th>Insertion Depth</th>
</tr>
</thead>
<tbody>
<tr>
<td>1/4”</td>
<td>±.005”</td>
<td>11/16”</td>
</tr>
<tr>
<td>3/8”</td>
<td>±.005”</td>
<td>3/4”</td>
</tr>
<tr>
<td>1/2”</td>
<td>±.005”</td>
<td>7/8”</td>
</tr>
<tr>
<td>5/8”</td>
<td>±.005”</td>
<td>1-1/8”</td>
</tr>
</tbody>
</table>
## TROUBLESHOOTING

<table>
<thead>
<tr>
<th>PROBLEM</th>
<th>REPAIR CHECKLIST</th>
</tr>
</thead>
</table>
| 1. Insufficient bubbler flow (3680/3680FR Drinking Fountain) | 1a. Verify minimum 30 psi flowing supply pressure.  
  b. For 3680- 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 3680FR- Adjust valve to increase flow. See 6518FR Manual. |
| 2. Insufficient bottle filler flow (3690/3690FR Bottle Filler) | 2a. Nozzle strainer is clogged. Use nozzle removal tool to remove strainer and replace. Replacement strainers may be ordered by calling Customer Service.  
  b. For 3690- 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 3690FR- Adjust valve to increase flow. See 6518FR Manual. |

For more information about Haws products, see our website: [www.hawsco.com](http://www.hawsco.com)
**STEP 1:**
Mount pedestal to concrete slab in desired orientation.

**STEP 2:**
Attach side arms (if supplied). Rotate the cover plate to the high or low position as desired. Bolt the arms to the pedestal using the supplied 3/8" bolts, washers, lock washers and nuts.
**MODEL 3680**
DRINKING FOUNTAIN TOP
(SAME PROCEDURE FOR BOTTLE FILLER TOP)

**STEP 3:**
ATTACH THE DESIRED MODULE TO THE TOP OF THE PEDESTAL USING THE SUPPLIED 3/8" BOLTS, WASHERS, LOCK WASHERS AND NUTS. INSTALL THE DRAIN TAILPIECE PRIOR TO MOUNTING THE TOP. IF THE SIDE ARM IS IN THE HIGH POSITION, USE THE 8" TAILPIECE (SEE FIGURE 1). IF THE SIDE ARM IS IN THE LOW POSITION, USE THE 12" TAILPIECE (SEE FIGURE 2.)

**MODEL 3690**
BOTTLE FILLER TOP
(SAME PROCEDURE FOR DRINKING FOUNTAIN TOP)

**STEP 4:**
ATTACH THE DESIRED MODULE TO THE SIDE ARM. THE MODULE CAN BE ROTATED TO FACE THE DESIRED DIRECTION.

**TYPICAL DRAIN CONNECTION**

- Fixture Drain
- Hose Clamp
- Compression Nut
- Rubber Sleeve
- Compression Washer
- Drain Line

WHEN ORDERING PARTS PLEASE SPECIFY PART NUMBER

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STEP 5:
INSTALL WASTE PIPING USING 1-1/2 PVC COUPLER, TEES, OR CROSSES AS NEEDED DEPENDING ON
CONFIGURATION. USE PVC GLUE TO INSTALL SLIP-FIT COMPRESSION ADAPTERS INTO FITTINGS. INSTALL
WATER LINES FROM WATER SOURCE TO PUSH BUTTON VALVES. IF MULTIPLE PUSH BUTTONS ARE USED,
SPlice THE WATER LINE USING THE SUPPLIED PUSH-TO-CONNECT TEE.
STEP 6:
INSTALL COVER PLATE UNDER THE ARM USING SUPPLIED TAMPER-RESISTANT SCREWS AND ALLEN WRENCH. ATTACH COVER PLATES OVER UNUSED PEDESTAL OPENINGS USING SUPPLIED TAMPER-RESISTANT SCREWS. AFTER ALL WATER LINE AND WASTE LINE CONNECTIONS ARE MADE AND TESTED, INSTALL REAR COVER PLATE USING SUPPLIED TAMPER-RESISTANT SCREWS AND ALLEN WRENCH.

OPTIONAL CONFIGURATIONS
THE MODULAR OUTDOOR FOUNTAIN CAN BE RECONFIGURED AFTER INSTALLATION. MODULES MAY BE ADDED OR REMOVED TO CREATE MANY DIFFERENT FOUNTAIN STYLES. A FEW POSSIBLE CONFIGURATIONS ARE SHOWN:

NOTE: IT IS RECOMMENDED TO REFERENCE THE LATEST ICC A117.1 ACCESSIBLE AND USABLE BUILDINGS AND FACILITIES / DEPARTMENT OF JUSTICE ADA STANDARDS FOR ACCESSIBLE DESIGN TO ENSURE COMPLIANCE.
MODULAR FOUNTAIN SYSTEM COMPONENTS

MODEL 3680 / 3680FR*  
DRINKING FOUNTAIN TOP

MODEL 3690 / 3690FR*  
BOTTLE FILLER TOP

MODEL 3657  
COVER PLATE
BOTTLE FILLER

MODEL 3683  
DOG BOWL
SLOW DRAIN
FOOT ACTIVATION

MODEL 3670  
DOG BOWL ASSEMBLY
INCLUDES 3673 & 3683
FOOT ACTIVATION

MODEL 3661  
HOSE BIB
NON-LOCKABLE

MODEL 3660  
HOSE BIB
LOCKABLE

* FR = FREEZE RESISTANT
REPLACEMENT PARTS
ALL MODELS

MODEL PBA7
BUTTON ASSEMBLY
(NON-FR MODELS)

MODEL 5881PBA
BUTTON ASSEMBLY
(FR MODELS)

0006983506
SPANNER WRENCH
(NON-FR MODELS)

0002981127
HEX KEY,
PINNED, 5/32"

0310000203
HEX KEY,
PINNED, 1/8"

REPLACEMENT PARTS
3670 & 3680/3680FR & 3683

MODEL 5703M
BUBBLER HEAD

MODEL 6466
STRAINER
TOP ACCESS

MODEL 5874PB
PUSHBUTTON
(3670/3680/3683 ONLY)

MODEL VRK5874
VALVE REPAIR KIT
(3670/3680/3683 ONLY)

REPLACEMENT PARTS
3690/3690FR

MODEL 5881PBA
BUTTON ASSEMBLY
(FR MODELS)

MODEL 5874PB
PUSHBUTTON
(3670/3680/3683 ONLY)

MODEL VRK5874
VALVE REPAIR KIT
(3670/3680/3683 ONLY)

MODEL 5703M
BUBBLER HEAD

MODEL 6466
STRAINER
TOP ACCESS

MODEL 5874PB
PUSHBUTTON
(3670/3680/3683 ONLY)

MODEL VRK5874
VALVE REPAIR KIT
(3670/3680/3683 ONLY)

MODEL 3659
BOTTLE FILLER DRAIN
COVER PLATE

MODEL VRK5874HF
VALVE REPAIR KIT,
HIGH FLOW
(3690 ONLY)

MODEL VRKNOZ1
QTY 10 AERATORS
AND INSTALL TOOL
(3690 ONLY)

0110000641
AERATOR, FR
(3690FR ONLY)

0002981127
HEX KEY,
PINNED, 1/8"

0310000203
HEX KEY,
PINNED, 1/8"

0006983506
SPANNER WRENCH
(NON-FR MODELS)

PARTS BREAKDOWN

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