



## INSTALLATION, OPERATION & MAINTENANCE INSTRUCTIONS

1455 Kleppe Lane ♦ Sparks, NV 89431-6467 ♦ (775) 359-4712 ♦ Fax (775) 359-7424  
E-mail: [haws@hawsco.com](mailto:haws@hawsco.com) ♦ website: [www.hawsco.com](http://www.hawsco.com)

No. 0510002217 (3)

### Model 6480 Universal Filter Kit

**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](http://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.

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**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:**

- Phillips Screwdriver
- Plastic Tubing Cutter

**ATTENTION:** The Operating Temperature Range for the Filter Assembly is 40° F - 100° F (4.4° C – 37.8° C).

**WATER SUPPLY REQUIREMENTS:** Do not use with water that is microbiologically unsafe or of unknown quality without adequate disinfection before or after the system.

**SUPPLY LINE:** The minimum recommended line size is 1/2" IPS with 40-90 psi (2.76-6 ATM) flowing pressure. The Model 6480 does NOT include mounting screws. Please use mounting screws included with fountain or bottle filling station if provided.

**PLUMBING CONNECTIONS:** Water supply inlet connection is a 3/8" O.D. push-in type fitting. Filter outlet connection is a 3/8" O.D. push-in type fitting. Please consult the installation procedure and installation drawings below, for assembly on either a new or retrofit installation.

**MAINTENANCE:** Filter replacement to occur after 1 year or 3,000 gallons, whichever comes first. Replace filter per instructions listed below under Filter Replacement.

## **INSTALLATION PROCEDURE**

**GENERAL NOTES:**

1. For all push-in type 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. Mark from end of tube the length of insertion (See table below)
  - c. Push tube into the fitting until it bottoms out.

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

- d. To remove, depress collet and pull tubing out.

## A. INSTALLATION AND STARTUP

1. New or Retrofit Installation: See installation drawings (page 6) for installing universal filter kit on either a new installation or retrofitting an existing installation. Refer to the installation drawings specific to the model this kit is being installed on for detailed installation instructions.
2. Once filter head and 3/8" O.D. elbows have been installed per instructions outlined on page 6 of the installation drawing, connect the filter cartridge as follows:
  - a. Install the new filter by pushing up and turning counterclockwise (as viewed from above). Notice keyed tabs (2 & 3 segments) on filter which should coincide with matching segments on bottom of filter head.
  - b. Connect the water inlet line from filter to the water stop valve and the water outlet line to the valve supply fitting present on your unit (Note: If connecting to SST compression fitting on a unit being retrofitted, use a 3/8" SST Tubing Insert (Haws pn 0003138617.3 – not supplied). Ensure tubing is fully inserted into connection points until it bottoms out).
3. Open the water supply and check the system for leaks.
4. Place a cup over the bubbler head or under the nozzle on a bottle filler as applicable (to minimize splattering) and activate the water flow. Keep the button depressed until all air is purged out of the water line(s). Repeat as needed depending on model (dual/triple).
5. **NOTE: Run the bubbler or bottle filler for 10 minutes in order to properly flush the new filter.**

## B. FILTER REPLACEMENT (at 1 year or 3,000 gallons (max.), whichever comes first).

1. Optional: Turn the water supply stop valve to the off position and bleed pressure from the unit by operating the bottle filler or bubbler head (whichever is present). This will improve the ease of replacing the filter.
2. Remove the old filter by turning about 1/4 turn clockwise (as viewed from above) and pulling down.
  - a. **NOTE:** There is no need to shut off the supply valve, as the filter head has a built-in valve. If you are planning to leave the unit without a filter cartridge for a protracted period of time, shut off the supply valve.
3. Follow the same procedures shown on steps 4 & 5 above, to purge air in supply lines and flush the replacement filter.

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

\*For more information about Haws products, see our website: [www.hawscow.com](http://www.hawscow.com)

## PERFORMANCE DATA SHEET

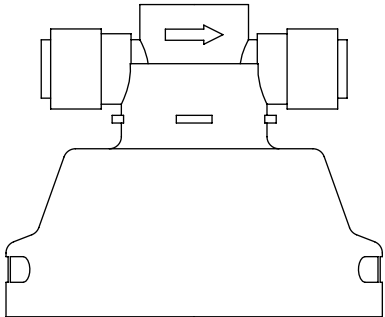
IMPORTANT NOTICE: Read this Performance Data Sheet and compare the capabilities of this unit with your actual water treatment needs. It is recommended that, before purchasing a water treatment unit, you have your water supply tested to determine your actual water treatment needs.

Substance	Influent Challenge Concentration	Maximum Permissible Product Water Concentration mg / L or Reduction Requirement	Average Percent Reduction
Chlorine, Taste and Odor	2.0 mg/L $\pm$ 10%	$\geq$ 50%	>97.3%
Cyst Reduction	Minimum 50,000/L	99.95%	>99.99%
Lead 6.5 pH Reduction	0.15 mg/L $\pm$ 10%	0.010 mg/L	>99.7%
Lead 8.5 pH Reduction	0.15 mg/L $\pm$ 10%	0.010 mg/L	>99.7%

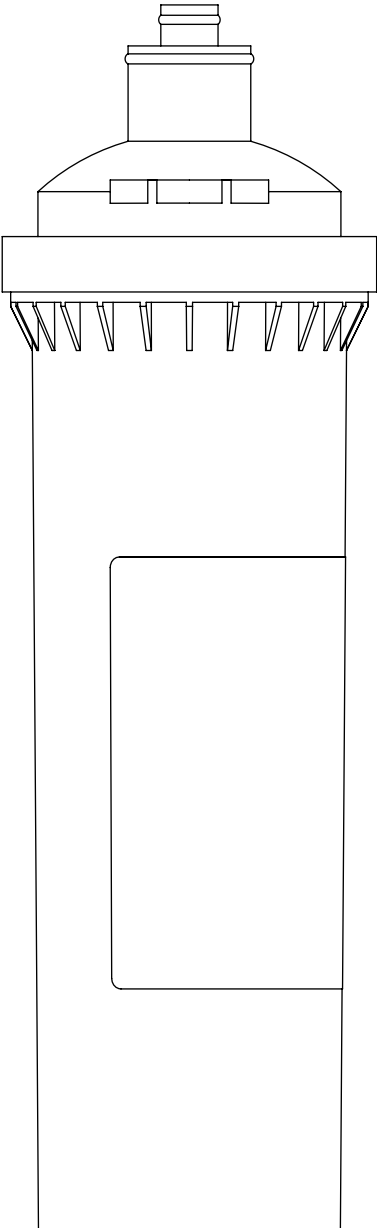
This filter has been tested according to NSF/ANSI 42/53 for the reduction of the substances listed. The concentration of the indicated substances in water entering the system was reduced to a concentration less than or equal to the permissible limit for water leaving the system, as specified in NSF/ANSI 42/53.

Testing was performed under standard laboratory conditions. The contaminants or other substances removed or reduced by this water treatment device are not necessarily in all users' water. Filter performance may vary based on local water conditions.

REPLACEMENT PARTS




0110000786  
FILTER HEAD

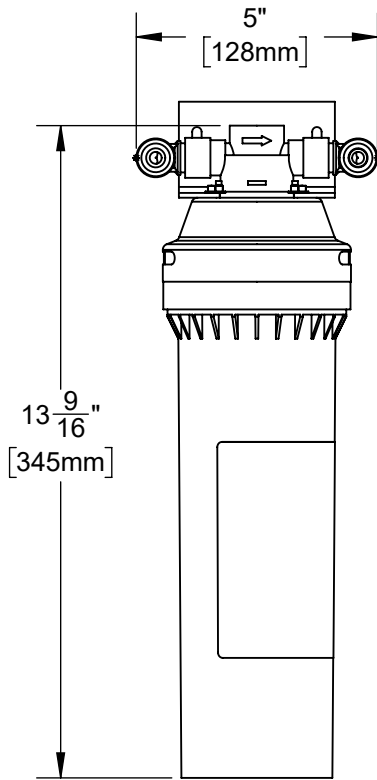


6428  
FILTER  
(FILTER REORDER  
MODEL)

**6480**  
**UNIVERSAL FILTER KIT**  
**Parts Breakdown**

WHEN ORDERING PARTS, PLEASE  
SPECIFY PART NUMBER

			1455 KLEPPE LANE SPARKS, NEVADA 89431 (775) 359-4712 FAX (775) 359-7424 E-MAIL: HAWS@HAWSO.COM WEBSITE: WWW.HAWSO.COM		
ECN: 6015	REV. ECN: 6125	BY: FV	MODEL(S)  6480		PART NUMBER 0510002217
DRAWN: JG	DATE: 08/11/24	CHKD: JC			REVISION 3
APPROVED: FV	DATE: 10/22/24	SCALE: 1:2	DRAWING TYPE: PARTS BREAKDOWN	SIZE: A	SHEET 1 OF 1



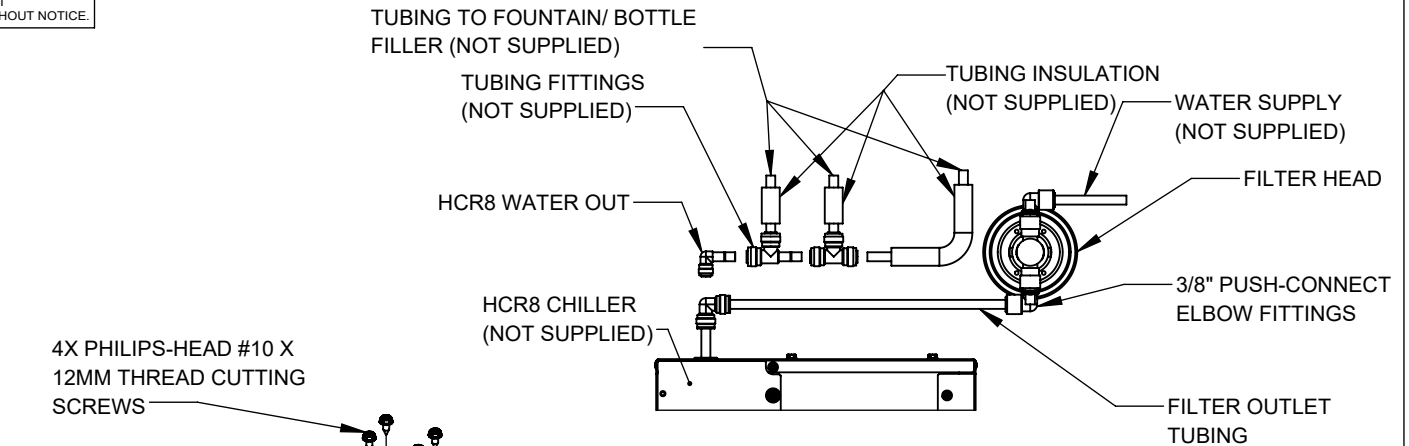
## INSTRUCTIONS

**STEP 1:** USE SCREWS (NOT SUPPLIED) TO MOUNT FILTER BRACKET TO VERTICAL SURFACE THAT IS ACCESSIBLE FOR SERVICING FILTER AND REPLACEMENT.

**STEP 2:** USE 4X PHILLIPS-HEAD #10 X 12MM THREAD CUTTING SCREWS TO SECURE FILTER HEAD TO FILTER BRACKET. ORIENT FLOW ARROW ACCORDINGLY.

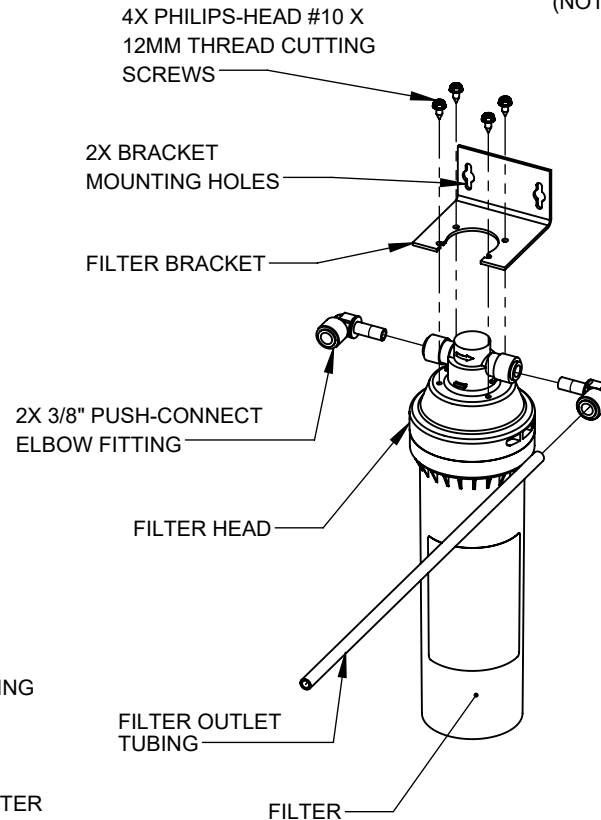
**STEP 3:** INSERT 2X 3/8" PUSH-CONNECT ELBOW FITTINGS INTO FILTER HEAD. INSERT FULLY.

**STEP 4:** INSERT FILTER INTO FILTER HEAD ACCORDING TO NOTCHES ON INSIDE OF HEAD AND TOP OF FILTER AND MAKE 1/4 TURN UNTIL FILTER IS SECURE.

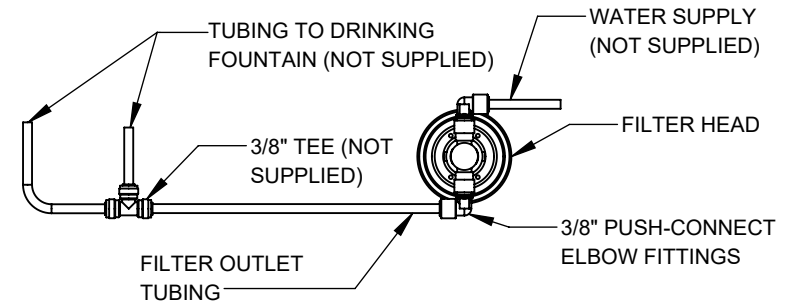


## TYPICAL WATERWAY INSTALL WITH CHILLING UNIT

**EXTRA COMPONENTS NOT INCLUDED**



## FILTER KIT INSTALL



## TYPICAL WATERWAY INSTALL WITHOUT CHILLER

**EXTRA COMPONENTS NOT INCLUDED**



1455 KLEPPE LANE  
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E-MAIL: HAWS@HAWS.CO.COM  
WEBSITE: WWW.HAWS.CO.COM

ECN: 6015	REV. ECN: 6125	BY: JG	MODEL(S) 6480	PART NUMBER 0510002217.D
DRAWN: JG	DATE: 04/23/24	CHKD: JC	UNIVERSAL FILTER KIT	REVISION 3
APPROVED: FV	DATE: 10/22/24	SCALE: 1:12	DRAWING TYPE: INSTALLATION	SHEET 1 OF 2

# FILTER REPLACEMENT SHEET

To ensure maximum benefit from your Haws Filter, track installations and replacements on this sheet according to the guidelines listed below.

**REPLACEMENT FILTER**

**Haws Part No. 6428**

Change filter every 3,000 gallons or once a year - whichever occurs first

INSTALLATION DATE	SERVICE PERSON	INSTALLATION DATE	SERVICE PERSON



**Haws**<sup>®</sup>  
Since 1906

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