

**WFSD**  
**Water Filtration System PFAS Filter & Status Display**



(Model WFSD)

Please visit [www.murdockmfg.com](http://www.murdockmfg.com) for most current specifications.

**TECHNICAL ASSISTANCE TOLL FREE TELEPHONE NUMBER:**  
**1.800.743.8259**

Technical Assistance E-Mail: [FieldService@acorneng.com](mailto:FieldService@acorneng.com)

**! IMPORTANT**

For fixture applications involving Water Chillers: Water supply to WFSD Filter must be tepid and prior to (upstream) Water Cooler. Provide Water Chiller device with Filtered Water Supply coming from the WFSD unit.

Please refer to the Link or QR code provided.

For Cleaning & Care Guide:

**CLEANING & CARE**



**NOTES TO INSTALLER:**

1. Please leave this documentation with the owner of the fixture when finished.
2. Please read this entire booklet before beginning the installation.
3. Check your installation for compliance with plumbing, electrical and other applicable codes.

For current Warranty click hyperlink [Product Warranty](#) or visit: [www.murdockmfg.com/terms-and-warranty](http://www.murdockmfg.com/terms-and-warranty)

Murdock™ assumes no responsibility for use of void or superseded data. © Copyright Murdock Mfg., City of Industry, CA Member of Morris Group International. Please visit [www.murdockmfg.com](http://www.murdockmfg.com) for most current specifications.

7020-205-001 Date: 07/02/2025 A

COMPLIES WITH  
**STANDARDS**



**3000 Gallon PFAS Filter Certifications**

NSF/ANSI/CAN 61: Q ≤ 1  
NSF/ANSI/CAN 61 Compliant including lower lead leaching criteria.

**murdock**<sup>®</sup>  
SINCE 1853

Member of  
  
MORRIS GROUP  
INTERNATIONAL

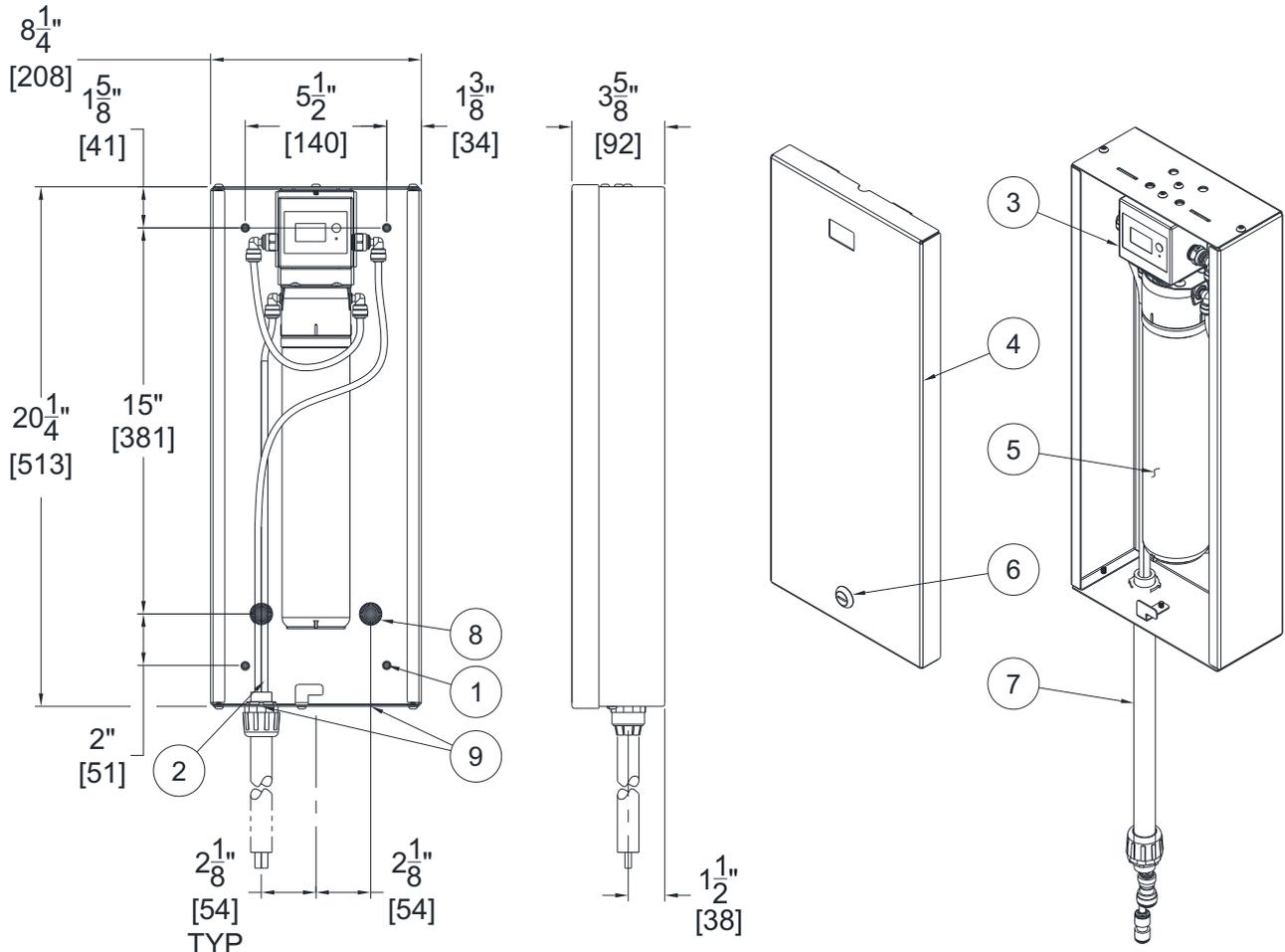
15125 Proctor Ave, City of Industry,  
CA, 91746 U.S.A.  
Phone 800-591-9360  
626-336-4561  
[www.murdockmfg.com](http://www.murdockmfg.com)

**PRIOR TO INSTALLATION**

Important: To ensure proper installation, review the manual thoroughly and verify rough-ins before beginning any work. File this Manual with the owner or maintenance personnel upon completion of installation.

- Fixture mounting requirements: Industry standard wall construction, adequate to support the fixture and (installer provided) wall anchors sufficient to secure the fixture.
- Fixture operates within water pressure range of 20 to 80 PSIG. Murdock will not warranty fixtures damaged when connected to supply lines with flow pressure lower than 20 PSIG or higher than 80 PSIG.
- Water supply inlet is 3/8" O.D. Copper Tube.
- Completely flush supply of all foreign debris before connecting to fixture.

**TECHNICAL DIMENSIONS & ROUGH-INS**



- |   |   |   |
|---|---|---|
| 1 Ø3/8" Keyhole for Anchoring Hardware, By Others | 5 WF3000 PFAS Filter                      | 9 Rear Supply Inlet and Outlet Openings |
| 2 1/4" Polyethylene tubing                        | 6 Cylinder Lock w/ Key                    |   |
| 3 Filter Status Display Module                    | 7 1/2" PVC Conduit                        |   |
| 4 Removable Cover                                 | 8 Bottom Supply Inlet and Outlet Openings |   |

**General Notes:**

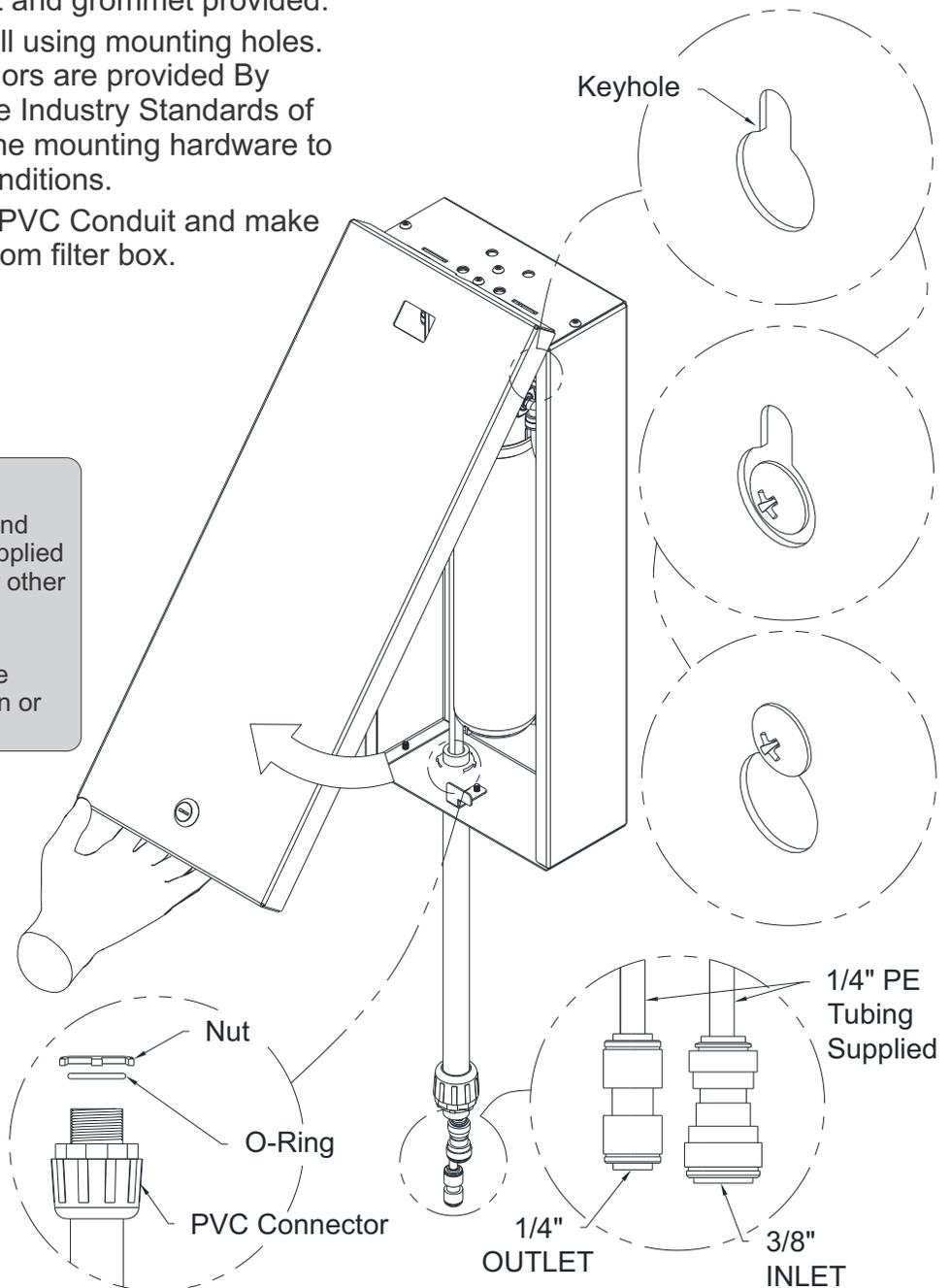
1. All Dimensions are in Inches (mm)
2. PVC Conduit can be located on bottom or back of unit utilizing holes provided.

**INSTALLATION INSTRUCTIONS:**

1. Locate WFSD Unit as near as possible to the fixture being served. Unit should be installed in an upright position for accurate monitoring.
2. Remove Cover from Filtration Box.
3. Assemble PVC Conduit to bottom or back of box as required using the nut and grommet provided.
4. Mount WFSD Box to Wall using mounting holes. Wall Hardware and Anchors are provided By Others. Installer shall use Industry Standards of Best Practice to determine mounting hardware to suit wall type and site conditions.
5. Run Waterlines through PVC Conduit and make up Connections to and from filter box.

**! IMPORTANT**

- 3/8" Union for inlet supply and 1/4" Union for unit being supplied are provided. Provisions for other sizes would be supplied By Others.
- Supply Riser Tubing may be exposed or concealed within or behind wall.



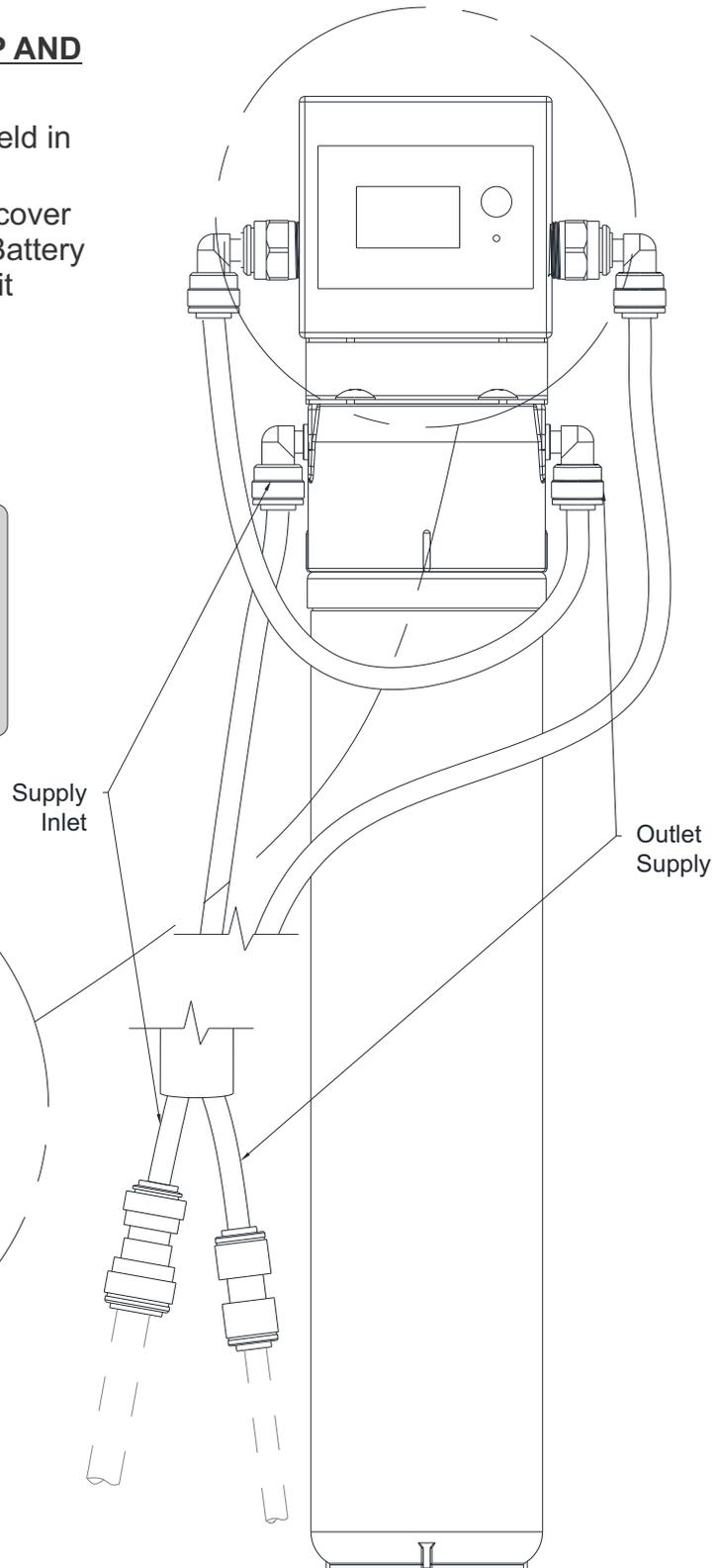
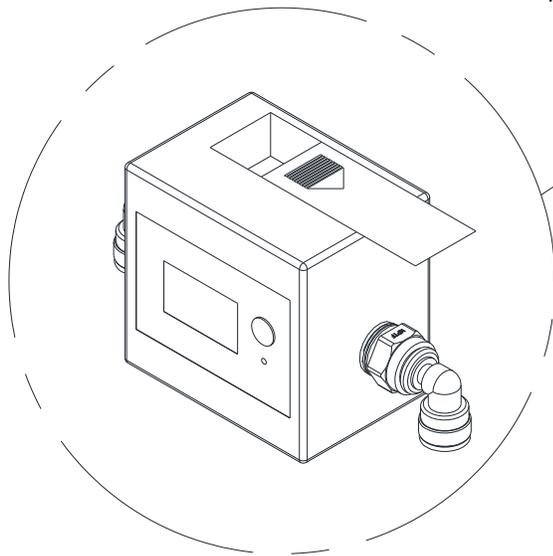
**FILTER STATUS DISPLAY- START UP AND BATTERY REPLACEMENT**

1. Remove Digiflow from unit as it is held in place by velcro.
2. Locate Top Slide, open the Battery cover and insert (2) AAA Batteries. Slide Battery cover closed and secure back to unit utilizing velcro.
3. Make up Connections as shown.
4. Program Display Module (Refer to Instructions).



**!IMPORTANT**

- Display Module requires (2) AAA Batteries (By Others).
- Avoid pinching or kinking of the waterlines when making up connections.



## FILTER STATUS DISPLAY PROGRAMMING DETAILS:

Filter Status Display Module will require programming upon startup.

### Setting Capacity and Timings

Press **DISPLAY** button, then press **RESET** button and release both of the buttons. The Filter Status Module will go into setting procedure. The digit will flash to notify you that the setting procedure is on.

#### Setting Capacity

Press **DISPLAY** button to choose the capacity. The sequence is 0-100-200-300...9800-9900-OFF-0-100. Then press **RESET** button to save the filter capacity value. Filter Status Module will then go into timing setting.

\*the capacity mode will be disabled when you choose OFF.



#### Setting Timing

Press **DISPLAY** button to choose the timing. The sequence is 0-30-60-90...690-720-OFF-0-30. Then press **RESET** to save the Timing. The setting procedure is completed.

\*The capacity mode will be disabled when you choose OFF.

\*The setting procedure will be terminated, and go back to the original status if there is no input for 10 second.

### Operating

The Filter Status Module will be automatically on when there is any water flowing through the sensor. It will automatically off when there is no water flowing for 10 seconds.

#### DISPLAY button:

Press **DISPLAY** button to display the status of the three modes of the Filter Status Module. Capacity Mode: Showing the capacity left. Timing mode: showing the timing left. Flow rate mode: showing the current flow rate. The sequence is Flow-Rate - Timing - Capacity.

#### RESET button:

Press **RESET** button to reset the setting to be the last setting.



## ALARM

### Notification Alarm

When capacity is lower than 30 gallons or timing is lower than 7 days, the buzzer will beep once and the digit will flash to inform you to prepare changing filter cartridge when there is any water flowing through DigiFlow 8000T or press **DISPLAY** button.

### Low Battery Power Alert

When the battery lower than normal working level, the buzzer will beep twice to inform you to change the battery.

The data will be kept in memory when the battery power is out or battery is removed.



### **IMPORTANT**

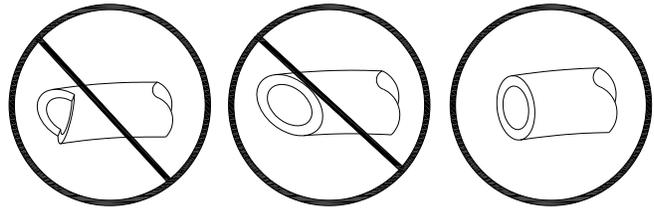
Filter Status Display Module is provided by Savant Electronics  
Model: [DigiFlow8000T](#)

### PUSH-IN FITTING INSTALLATION

NOTE: FITTINGS AND TUBE SHOULD BE KEPT CLEAN, BAGGED AND UNDAMAGED PRIOR TO INSTALLATION.

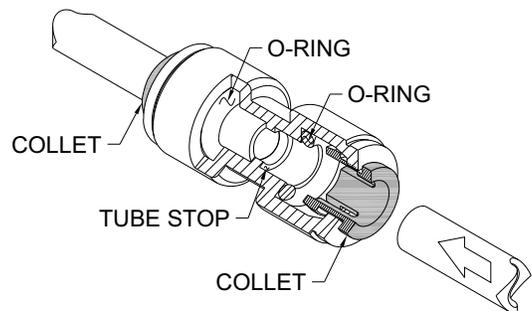
#### TO CUT TUBE:

Cut to fit length of 1/4" PE Tubing and remove any burrs or sharp edges. Ensure that the outside diameter is free from score marks. Tube ends should be square.

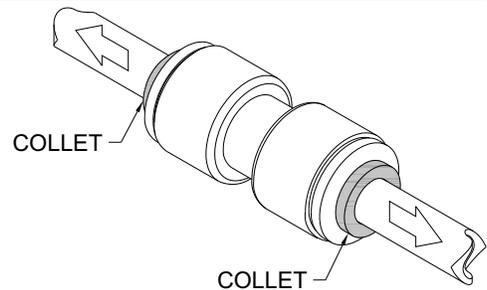


#### INSERTING THE TUBE:

1. Firmly and fully insert the Tubing end into the Push-In Fitting up to the Tube Stop located approximately 1/2" deep.



2. Pull on the fitted Tubing to ensure it is secure. Tube should not come free from the Fitting. Water test the connection assembly prior to leaving the site to ensure there are no leaks.



#### DISCONNECTING THE TUBE:

Prior to disconnecting the Tube from the Fitting, ensure that the water line is depressurized. Push Collet Square towards the Push-In Fitting Body and hold. While holding the Collet in, pull on the PE Tubing to remove from the Push-In Fitting.

