



PRE-TREATMENT WATER SAMPLE PORT WALLBOX OPERATION & INSTALLATION MANUAL



Manufactured With Pride

In The USA

www.amerewater.com • (800) 535-5585

AmeriWater LLC • 3345 Stop 8 Rd • Dayton, OH 45414

98-0143C

TABLE OF CONTENTS

	<u>PAGE</u>
SECTION 1, GENERAL INFORMATION.....	1
1.1 INTRODUCTION.....	1
1.2 GENERAL SAFETY CONSIDERATIONS.....	1
SECTION 2, INSTALLATION OF WALLBOXES	2
2.1 INSTALLATION	2
SECTION 3, SYSTEM DRAWINGS.....	4
3.1 0082-0024 WALLBOX MOUNTING	4
3.2 0082-0024 Replacement Parts List	5

SECTION 1, GENERAL INFORMATION

1.1 INTRODUCTION

The AmeriWater wallboxes for pre-treatment water are designed to deliver test sample water to a central collection point. AmeriWater's wallboxes are designed for easy sampling and draining of the test lines.

1.2 GENERAL SAFETY CONSIDERATIONS

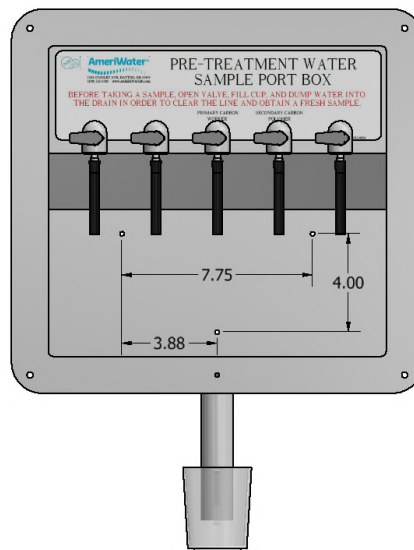
- Always wear protective clothing including gloves and safety glasses when working on or near the central system.
- Inspect valves and fittings regularly on wallboxes for deterioration and replace these items as necessary.
- Always allow 1 oz water per 5 ft of tube run from lines before taking samples from wall box.

SECTION 2, INSTALLATION OF WALLBOXES

2.1 INSTALLATION

The AmeriWater pre-treatment wall box should be installed on the exterior side of the existing wallboard. Instructions are as follows.

1. Designate a location on the wallboard for the wall box mounting. Use a pencil to mark one of the holes.
2. Place the wall box to the side and measure over and down from the first mark as shown in the following figure. Ensure the marks are level and drill pilot holes for the wall anchors (not included) if mounting to drywall. If mounting to FRP board, drill 1/8" pilot holes before using the self tapping screws included with the wall box.



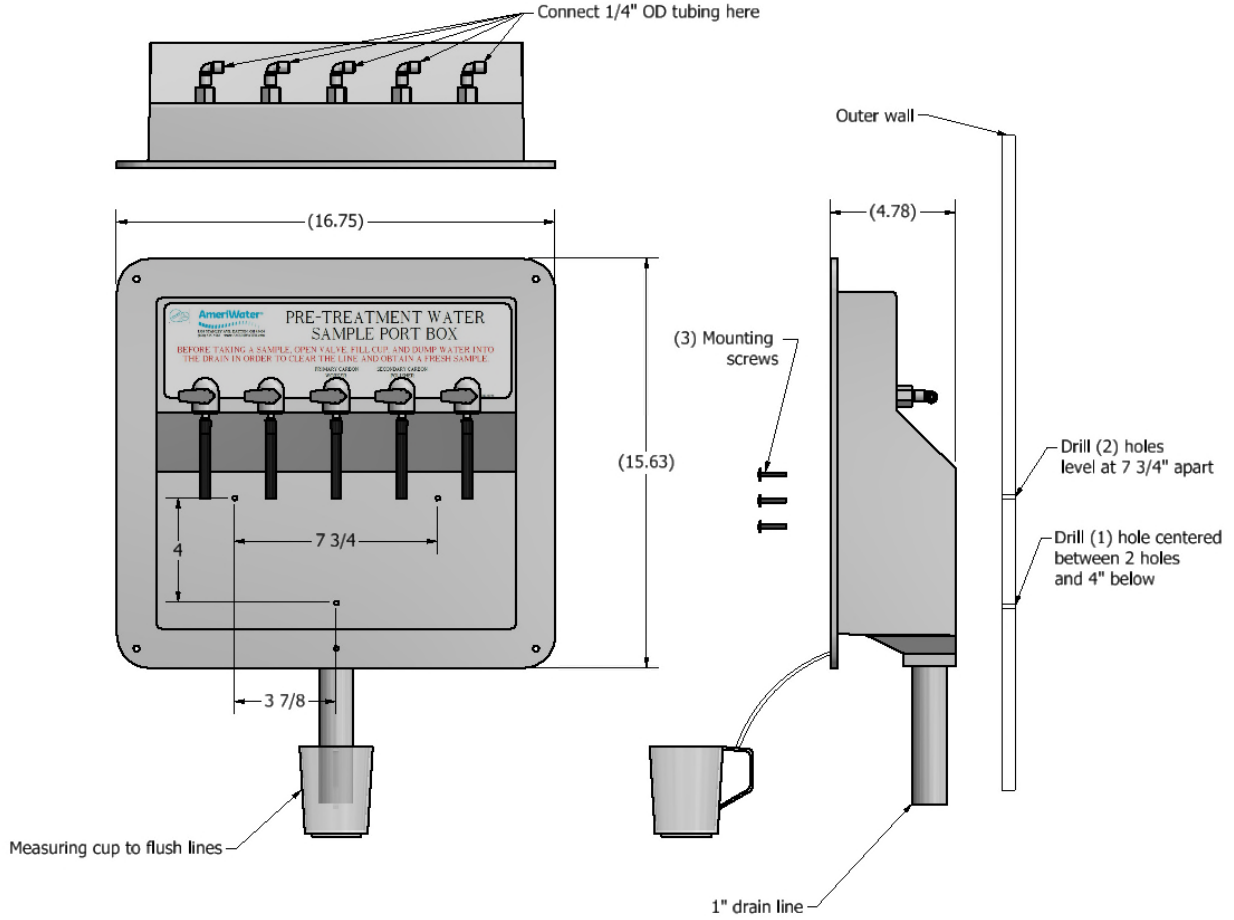
3. Connect 1/4" OD tubing from the pre-treatment device sample port to the labeled sample port on the wall box. Five male 1/4" NPT x compression elbow fittings are included with the wall box for use with the pre-treatment device sample port. Only the primary (worker) and the secondary (polisher) carbon sample ports are labeled.
4. Mount the wall box to the wall using the included self-tapping screws in the pre-drilled pilot holes.
5. Route the 1/4" OD tubing in a neat and orderly fashion from each of the pre-treatment devices to the wall box mounting location. Connect the tubes to the 1/4" push-in fittings on the back of the wall box.
6. Organize the tubing using the included tube management clips. Fasten the clips to the wall (hardware not included) for a cleaner look. 50 tube management clips

are supplied with each wall box. The clips come as a row of 10 but can be cut down to smaller sizes as needed.

7. Connect the 1" drain pipe to the drain line in water room. Leave an air gap when connecting to a drain to prevent syphoning.
8. Use the supplied cup to measure water flowing out of each sample line before testing the water. (measure 1 ounce minimum for every 5 feet of tubing used).
9. Run fluid thru lines, checking for any leaks, from installation.
10. If leaks occur, tighten all fittings associated with the leaks.
11. Remember to always follow the local plumbing codes.

SECTION 3, SYSTEM DRAWINGS

3.1 0082-0024 WALLBOX MOUNTING



3.2 0082-0024 Replacement Parts List

PARTS LIST		
ITEM	PART NUMBER	DESCRIPTION
1	82-0006	WALLBOX, 15.63" HIGH x 16.75" WIDE
2	10-L026	Liquifit, Adapter 0.25T X 0.25 NPT Female
3	82-0001	MEASURING CUP, 8 OZ., POLYCARBONATE, CLEAR
4	10-L376	LEGRIS PLUG-IN EL, 0.25T X 0.25 STEM
5	99-0082-0024	LABEL, PRE-TREATMENT SAMPLE PORT BOX (5 VALVE)
6	08530818	TUBING, .38OD, NYLON, 250 PSI, BLACK
7	051-0001	VAL, BALL, 0.25 MNPT X 0.25 HB, 90 DEG EL, PP

