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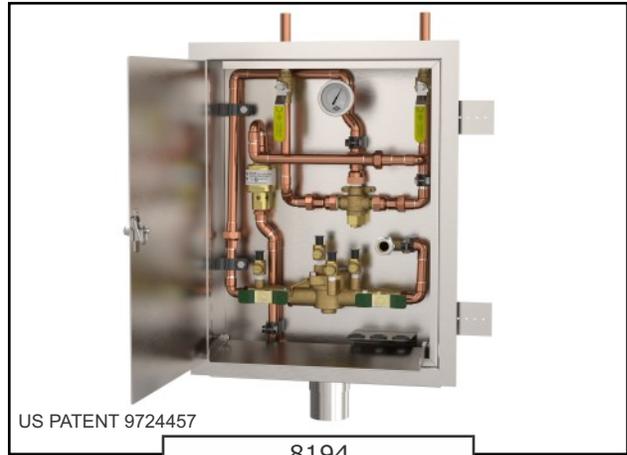


A MEMBER OF



**W.D. Manor**  
 by Whitehall Manufacturing

**Recessed Stainless Steel  
 Dialysis Box With  
 Backflow Preventer, Trap  
 Primer, Thermostatic  
 Mixing Valve and Waste**



US PATENT 9724457

8194

Fixture May Show Some Available Options

**Stainless Steel Recessed Dialysis Box with Thermostatic Mixing Valve Supply** boxes are intended for use with Dialysis Machines and include a Reduced Pressure Backflow Preventer and Trap Primer which eliminate the need for their installation in a remote location. The Trap Primer ensures periodic priming of the P-Trap waste fitting (supplied by others). A minimum of 3 PSI change in pressure in supply line (as a result of activating other fixtures) is needed to activate a metered amount of water to the P-Trap (Minimum discharge rate is 0.10 mL per pressure drop). The Backflow Preventer is typically a code requirement to protect the potable water source from possible contaminants generated by the Dialysis Machine. A Thermostatic Mixing Valve factory preset at 77°F with Temperature Gauge is also provided to ensure water temperature is safely controlled for patient comfort.

**Dialysis Water Supply and Waste Box** includes a 1/2" Ball Valve Control, 3/4" NPSH Male Hose Supply Connection, Discharge Hose Bracket and a 2" IPS Drain Outlet. An additional Ball Valve is provided to isolate components for service and allow for testing and certification of Backflow Preventer. Plumbing Components are all lead free design and are pre-piped and factory tested. Exposed surface of Valves and Piping are factory coated to inhibit oxidation. Consult local codes for complete plumbing requirements.

**Box** is fully welded construction and fabricated from 18 gauge, type 304 stainless steel with exposed surfaces polished to a #4 satin finish. Bottom of Box includes "X" break to facilitate drainage to Drain with 2-3/8" (2" IPS) Tailpiece. Door and Wall Flange are removable and include a Concealed Hinge which allows Door swing to approximately 180 degrees. Assembly may be reversed to position Hinge on preferred side. Door is provided with Knurled Knob Actuator to open. Box includes a Fold Down Drip Tray to protect Wall from wastewater. Tray resides within Box and may be folded down when Door is open. Mounting Tabs provided allow adjustment for Wall thickness (1/2" to 1-1/4") to facilitate installation. *Note: Unit is not intended for use with RO or DI water supply.*

Assembly has the following certifications:

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



Federal Public Law 111-380 (No Lead)



ASME A112.18.1/CSA B125.1  
 ASME A112.21.3M



ASSE 1070V  
 ASME A112.1070V  
 CSA B125.70



NSF/ANSI 61 Section 1417(d) of the Federal Safe Drinking Water Act. Section 116875 of the California Health & Safety Code NSF/ANSI 372

**Flow Rate: 4 GAL (15L) at 80 PSI**

**GUIDE SPECIFICATION**

Provide and install W.D. Manor by Whitehall Recessed Dialysis Supply and Waste Box. Unit shall include Trap Primer and Reduced Pressure Backflow Preventer and Thermostatic Mixing Valve factory preset at 77°F with Temperature Gauge. Trap Primer shall provide a metered amount of water to the P-Trap with minimal pressure drop. Provide Ball Valve to isolate components for service and allow for testing and certification of Backflow Preventer (*Consult local codes for complete plumbing requirements*). Box shall include a 1/2" Ball Valve, 3/4" NPSH Male Hose Supply Connection, Discharge Hose Bracket and a 2" IPS Drain Outlet. Valves and plumbing components shall be lead free design and shall include coating to inhibit oxidation. Box shall be welded construction of 18 gauge type 304 stainless steel with exposed surfaces polished to a #4 satin finish. Provide removable Wall Flange and Door with Knurled Knob Actuator to open and Concealed Hinge to allow for opening Door approximately 180 degrees. Provide Drip Tray which may be folded down when Door is open to protect Wall. Box shall include Adjustable Mounting Tabs for installation.

**Backflow Preventer conforms with following standards:**

USC Manual 8th Edition  
 ASSE No. 1013  
 AWWA C511-92  
 CSA B64.4  
 IAPMO File No. 156

**Backflow Preventer is certified for the following:**



ASSE 1013



CSA B64.4



**Trap Primer is certified for the following:**



ASSE 1018 LISTED  
 SEAL NO. 143



File 3437

**Thermostatic Mixing Valve is certified for the following:**



ASSE 1070V  
 ASME A112.1070V  
 CSA B125.70



NSF/ANSI 61 Section 1417(d) of the Federal Safe Drinking Water Act. Section 116875 of the California Health & Safety Code NSF/ANSI 372



**BASE MODEL NUMBER (Must Specify)**

- 8194 Dialysis Box with Backflow Preventer, Thermostatic Mixing Valve and Wall Flange with Door

**PRODUCT OPTIONS:**

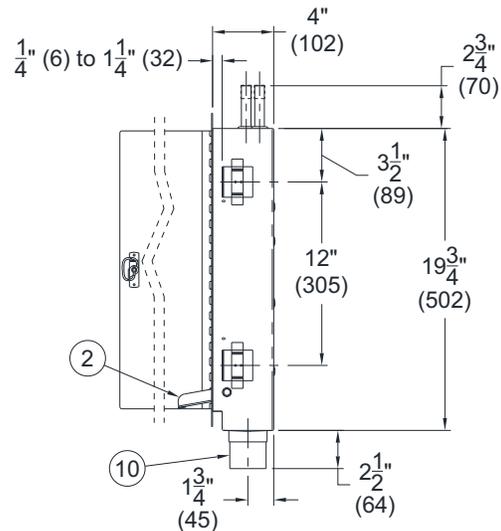
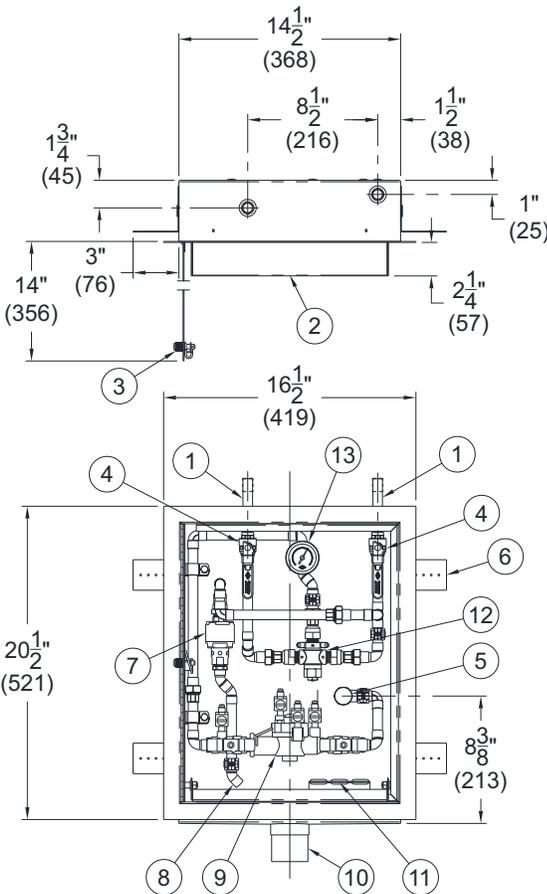
- LDR Less Door (with frame only)
- LTP Less Trap Primer
- CL Cylinder Lock (in Lieu of Knurled Knob)

**Note:** Manufacturing Agreement between Whitehall Mfg. and W.D. Manor Mechanical Contractors Inc. exists for Models WDMDB-1 and WDMDB-TMV. Licensing Affidavit on file.

**Important Health and Safety Details:** Due to the nature of dialysis wastewater, bio-film buildup may occur at the Wall Box Drain area. Dialysis Supply and Waste Wall Boxes must be cleaned, disinfected, and properly maintained to decrease the risk of patient infections, Refer to [CDC LINK](#) for additional information.

**NOTES:**

1. 1/2" NCT SUPPLY INLETS (CAPPED FOR SHIPPING)
2. DROP-DOWN DRIP TRAY
3. KNURLED DOOR KNOB
4. SUPPLY SHUT-OFF BALL VALVES
5. 3/4" MALE HOSE CONNECTION (SHOWN CAPPED)
6. (4) ADJUSTABLE MOUNTING TABS
7. TRAP PRIMER
8. TRAP PRIMER OUTLET
9. BACKFLOW PREVENTER
10. 2-3/8" O.D. WASTE CONNECTION
11. DISCHARGE HOSE BRACKET
12. THERMOSTATIC MIXING VALVE
13. TEMPERATURE GAUGE



**8194**

**IMPORTANT:** Refer to Installation Instructions for complete rough-in and technical data.

**WARNING:** Cancer and Reproductive Harm - [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

**SELECTION SUMMARY & APPROVAL FOR MANUFACTURING**

Model Number & Options \_\_\_\_\_ Quantity \_\_\_\_\_  
 Company \_\_\_\_\_ Date \_\_\_\_\_  
 Contact \_\_\_\_\_ Title \_\_\_\_\_  
 Approval for Manufacturing/Signature \_\_\_\_\_

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