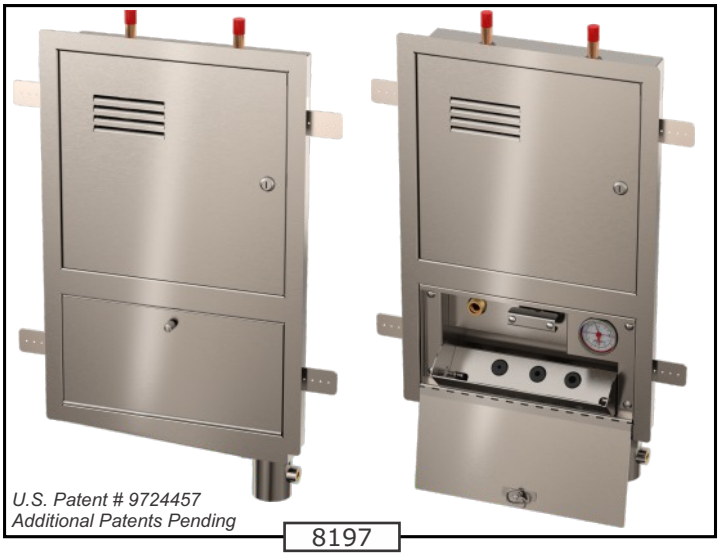
Cape Cod Systems Corporation
Tel. 1-888-227-8555

W.D. Manor
by Whitehall Manufacturing®

Recessed Stainless Steel Dual Door Dialysis Supply and Waste Box with Thermostatic Mixing Valve

Division of Acorn Engineering Company® A MEMBER OF MORRIS GROUP INTERNATIONAL



U.S. Patent # 9724457
Additional Patents Pending

8197

Fixture May Show Some Available Options

Recessed Dialysis Supply and Waste Box features innovative Dual-Door design to conceal plumbing components from Staff and Patients, while exposing only Supply and Waste components during use, enhancing its appearance and providing superior infectious control.

Upper Compartment includes Reduced Pressure Backflow Preventer, Trap Primer, Thermostatic Mixing Valve and Shut-off Ball Valves. The Backflow Preventer is typically a code requirement to protect potable water source from possible contaminants generated by the Dialysis Machine. An ASSE 1070 Certified Thermostatic Mixing Valve, Factory preset at 77ºF, is provided to ensure water temperature is safely controlled for patient comfort. Trap Primer ensures periodic priming of the P-Trap Waste (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). Ball Valve Shut-offs are provided for service and testing of Backflow Preventer as well as Union Connections for replacement. Plumbing Components are all lead free design, pre-piped and factory tested. Exposed surface of Valves and Piping are Factory coated to inhibit oxidation. Consult local codes for complete plumbing requirements. Max Flow Rate: 4 GAL (15L) at 80 PSI.

Lower Compartment provides Staff access to Water Supply and Waste Connections and includes On-Off Valve Control Handle, 3/4" NPSH Male Hose Supply Connection, with Temperature and Pressure Gauge mounted on Back Plate.

Fold Down Tray has (3) 7/8" DIA openings for Factory provided SBR Rubber Discharge Hose Grommets. Grommet sizes are for 1/4", 5/8" OD Hose, and a Blank Grommet to adapt for alternate Hose size or to Plug opening(s). (5) Grommets of each type are provided for field installation to suit Dialysis Equipment being used.

Dialysis Box is fully welded construction and fabricated from 18 gauge, type 316 stainless steel with exposed surfaces polished to a #4 satin finish. Wall Flange with Dual Doors is removable and includes a Concealed Hinge which allows Upper Door swing to approximately 180 degrees. Upper Door includes Keyed Cylinder Lock while Lower Door is provided with easy open Knurled Knob Actuator and folds down to expose Supply and Waste Connections. Mounting Tabs provided allow adjustment for varying Wall thickness (1/2" to 1-1/4") to facilitate installation. Bottom of Box includes 2" IPS Plain End Drain Outlet. Important: Unit not intended for use with RO or DI water supply.

GUIDE SPECIFICATION

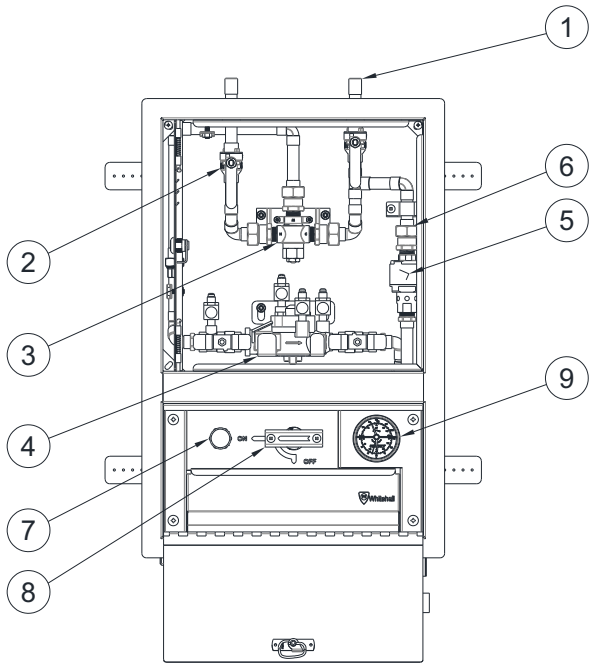
Provide and install Whitehall Recessed Dual Door Dialysis Supply and Waste Box model 8197 [Specify]. Upper Compartment shall include Trap Primer, Reduced Pressure Backflow Preventer and Thermostatic Mixing Valve factory preset at 77ºF. Provide Ball Valves to isolate components for service and allow for testing and certification of Backflow Preventer and Union Connectors for service. Lower Compartment shall include a On-Off Valve Control Handle, and 3/4" NPSH Male Hose Supply Connection with Temperature and Pressure Gauge. Provide Discharge Hose Bracket Grommets for 1/4" 5/8", OD Hose and Blank Grommet to adapt for Hose size or use as Plug. Valves and plumbing components shall be lead free design and shall include coating to inhibit oxidation. Box shall include 2" IPS Drain Outlet with supplemental Trap Primer Plug. Box shall be welded construction of 18 gauge type 316 stainless steel with exposed surfaces polished to a #4 satin finish. Provide removable Wall Flange, Dual Doors with locking upper door and Knurled Knob Actuator to open lower Door. Box shall include Adjustable Mounting Tabs for ease of installation in Walls of varying thickness.

Please visit www.whitehallmfg.com for most current specifications.

Whitehall Manufacturing®

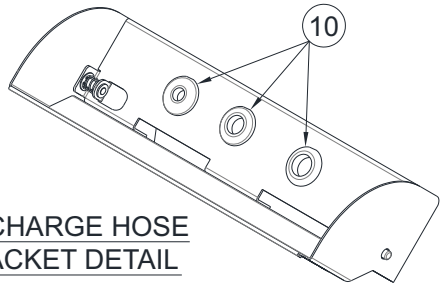
Manufacturer of Healthcare and Rehabilitation Products since 1946

Medical Hose and Supply Box



NOTES:

1. 1/2" NCT H&C Supply Inlets
2. Supply Shut-Off Ball Valves
3. ASSE 1070Thermostatic Mixing Valve
4. Backflow Preventer with Isolation Valves
5. Trap Primer Valve
6. Union Connectors
7. 3/4" NPSH Male Hose Connection Outlet
8. Valve Handle for Hose Connection
9. Temperature and Pressure Gauge
10. Discharge Hose Grommets - Sizes Include: 1 /4" OD Hose, 5 /8" OD Hose Shown.



DISCHARGE HOSE BRACKET DETAIL

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Assembly conforms with the following:

Federal Public Law 111-380 (No Lead)

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

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 certified for the following:

ASSE 1013
CSA B64.4

Trap Primer certified for the following:

ASSE 1018 LISTED SEAL NO. 143
File 3437

Thermostatic Mixing Valve certified for the following:

ASSE 1070/
ASME A112.1070/
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

All dimensions are nominal and subject to manufacturer's change without notice. Whitehall assumes no responsibility fo use of void or suspended data © Whitehall Manufacturing®, Member of Morris Group International. Please visit ***www.whitehallmfg.com*** for most current specifications.

⚠ WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov

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Medical Hose and Supply Box

BASE MODEL NUMBER (Must Specify)

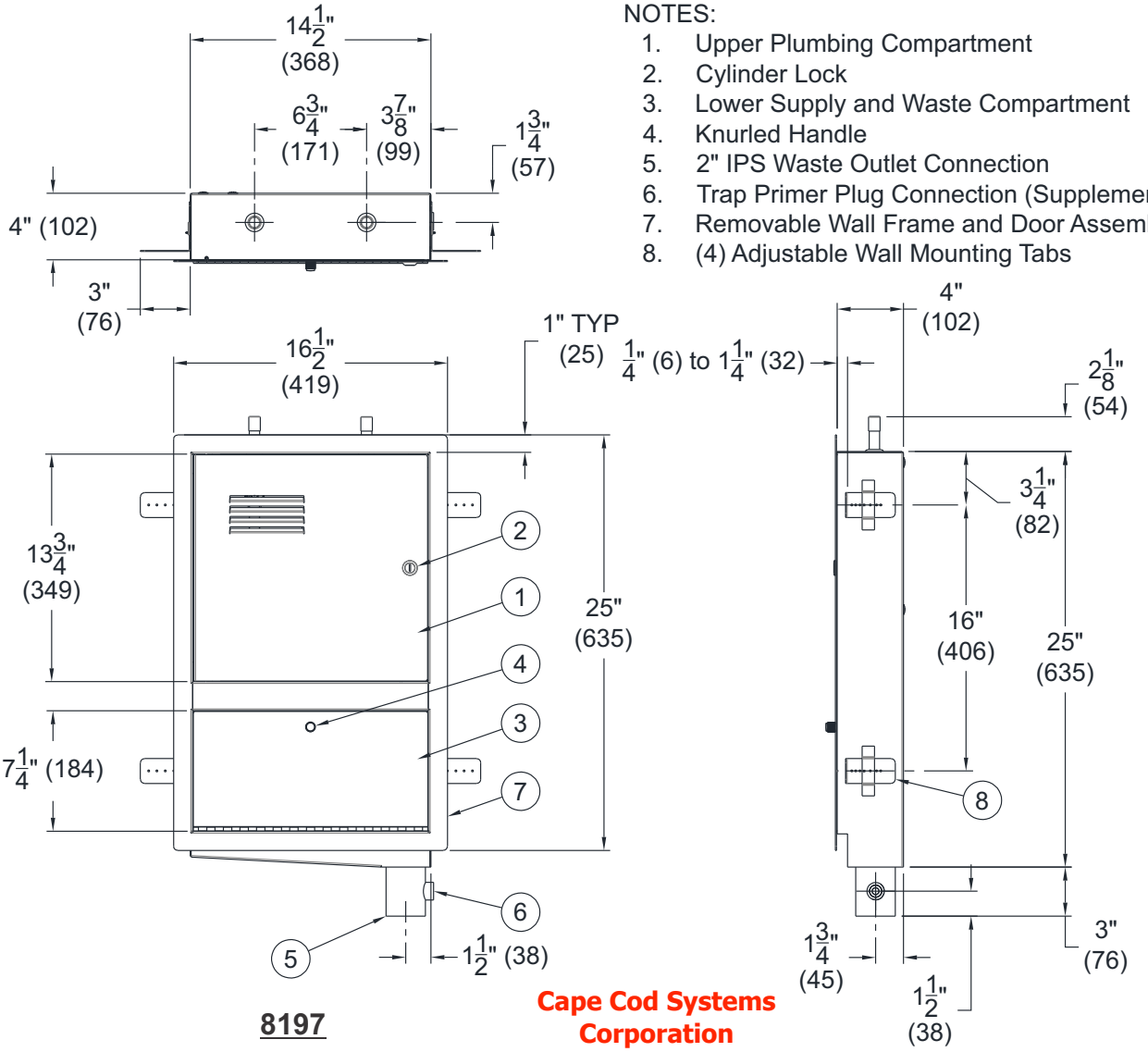
❑ 8197 Dual Door Dialysis Supply & Waste Box

PRODUCT OPTIONS:

❑-LDR Less Lower Door (Wall Frame & Fold Down Tray Only)
❑-LTP Less Trap Primer Valve (Upper Compartment)
❑-CL Cylinder Lock Lower Door (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. Upper Plumbing Compartment
2. Cylinder Lock
3. Lower Supply and Waste Compartment
4. Knurled Handle
5. 2" IPS Waste Outlet Connection
6. Trap Primer Plug Connection (Supplemental)
7. Removable Wall Frame and Door Assembly
8. (4) Adjustable Wall Mounting Tabs

8197

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

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SELECTION SUMMARY & APPROVAL FOR MANUFACTURING

Model Number & Options_____ Quantity_____
Company_____ Date_____
Contact_____ Title_____
Approval for Manufacturing/Signature_____