



Better Water LLC

Medipac



Standard Features

- * Water Quality Monitor
- * Alarms
- * Blend Valve
- * Flow Meters
- * Disinfect Tank
- * Product Water Divert-to-Drain
- * Rugged Stainless Steel Frame
- * Baked on Powder Coat Finish
- * Multi-staged air-cooled stainless steel pump

MEDIPAC

- The Medipac is a complete, self-contained, water treatment system solution including Pre-Treatment, RO, and Post-Treatment.
- Capable of 2880 gallons per day.
- It is built to the same high quality standards of our larger RO units, and includes many of the same features.
- It is transportable, economical, simple to operate, and quiet.
- The unit is plumbed, needing only a hot and cold water supplies, loop feed and return, connection to reservoir, and to drain.
Reservoir and brine tanks not on the rack.
- Available in either Tank or Direct feeds.
- The RO carries a 510(k) certificate from the FDA and designed to meet or exceed AAMI standards for dialysis quality water.

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Better Water LLC; 698 Swan Dr; Smyrna, TN 37167; Phone (615) 355-6063, Fax (615) 355-6065
Website www.betterwater.com

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REA 2383



Better Water LLC

Medipac

Models and Specifications

Models	EQMEDIPAC-2880-TF-10 (<i>tank-feed</i>); EQMEDIPAC-2800-DF-10 (<i>direct-feed</i>)
Dimensions	Length 92" x Width 38" x Height 82"
Incoming Water	4 GPM at 30 PSI; Temp: 50°-90° F; Total Chlorine: <0.1 PPM; SDI <3; TOC <2 PPM; Operating pH Range: 6-10; Bacterial Count: <100 CFU
Capacity	2 GPM / 2880 GPD
Drain Requirements	Floor Drain or Floor-Sink Drain capable of 10 GPM
Electrical Requirement	Two 115 VAC / 20 AMP outlets
Control Voltage	24 VAC
Control Box	115 VAC (24VAC Control Wiring); Repressurization Pump (<i>tank-feed system</i>), Level Controls, and Interlocks
Labeling	Equipment labeled, and valves equipped with Valve Tags; Directional Arrows on Pipes
PRE-TREATMENT	
Piping	Schedule 80 CPVC and PVC, and PVC Hose
Gauges	Incoming Hot & Cold Water, Post Blend Valve, Post Booster Pump, Post Worker Carbon, Post Polisher Carbon, Post Softener, and Post UV-Light/Pre-Filter
Sample Ports	Post Softener, Post Worker Carbon, and Post Polisher Carbon
Blend Valve	Symmons 7-200
City Booster Pump	1 HP, Single Phase, 115 VAC
Softener	One 12"x52" Tank with 2 CuFt of C100x10 Resin. Fleck 2750/1600 Control Valve with Interlock. 18"x33" Brine Tank. <i>The Brine Tank does not sit on the Medipac skid.</i>
Carbon Filters	Two 16"x65" Tanks with 3.5 CuFt of Carbon per Tank to achieve 12 minutes Empty Bed Contact Time. Fleck 2750 Control Valves with Interlock. Carbon is 12x40 Mesh, Acid Washed with minimum 900 Iodine rating
Pre-RO UV Light	SPV-410 UV Light rated at 40 MJ at 5.9 GPM
Pre-RO Sediment Filter	10" Big Blue, 5 micron Filter

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R O	
1232 RO	2 GPM with Four 2.5"x40" TFC Membranes
Flow-Meters	Product, Reject, Recirculation
Water Quality Monitor	Digitally displays: % Rejection, Feed TDS, Product TDS, and Alarm Set Point
Standard Alarms	Poor Water Quality, Low Feed Pressure, High Pump Pressure, High Membrane Pressure, High Product Pressure, and Low Feed Pressure
Gauges	RO Pump, Membrane, and Reject
RO Disinfect Tank	Complete disinfect tank and all the necessary hoses included
Remote Alarm	Nurse's Station Monitoring Box with RO Alarm, Low Tank, and Disinfect Alarms. Normally mounted on the patient floor.
POST-TREATMENT	
Piping	Stainless-Steel, Schedule 80 PVC, and PVC Hose
UV Light	SPV-600 UV Light rated at 40 MJ at 8.6 GPM
Pyrogen Filter	20", .03 micron Filter
DI Connections	1" Quick Connect Fittings for DI Tanks
Post-DI Filter	10" Big Blue, 5 micron Filter
DI Divert-to-Drain	Complete with Resistivity Monitor and Remote Alarm
Gauges	Post-Repress Pump, Pre-DI Filter, Post-DI Filter, Post-UV Light, Post-Pyrogen Filter, Loop Feed, and Loop Return
Sanitary Sample Ports	Pre-Pyrogen Filter, Post-Pyrogen Filter, Loop Feed, and Loop Return
Loop Return Flow-Meter	0-17 GPM Flow-Meter
RESERVOIR for TANK FEED SYSTEM	
Reservoir	110 Gallon, 30"x51" Cone Bottom Tank, complete with Level Control System, Trapped Overflow, Return Spray Ball, Return Loop Pressure Regulator, 10" .2 Vent Filter. <i>The Reservoir does not sit on the Medipac Skid</i>
Repress Pump	3/4 HP, 115 VAC, Repressurization Pump



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Left View showing 1232 RO



Right View showing Post-Treatment



Reservoir (tank-feed)



Front View showing Pre-Treatment

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