



Better Water LLC

## Medi-Port PB2 – Portable RO



### MEDI-PORT PB2

- The Medi-Port PB2 is a versatile, user friendly, portable Reverse Osmosis unit packed with features.
- The PB2 utilizes a .05 micron final filter which eliminates most bacteria and endotoxins.
- Easily serviceable control module.
- The pump motor is fan cooled for long-life and is protected by a shield.
- Alarm set-point with visual and audible alarm, and mute/re-alarm capability.
- Water Quality Monitor that calculates and digitally displays feed water conductivity, product water conductivity, and percent rejection.
- Rated at 53 decibels, the PB2 is extremely quiet. When in use, the unit makes about the same sound as a fluorescent light bulb.
- With all its many features the PB2 unit is a great choice for acute, sub-acute, bedside, home, daily and nocturnal dialysis.
- Divert-to-Drain, City Booster Pump, UV, and other external pre-treatment options are available.

### Standard Features

- \* Internal .05 micron Absolute Filter (membrane)
- \* Internal 10", 5 micron Carbon Block
- \* Internal 10", 5 micron Sediment Filter
- \* Audible and Visual Alarms
- \* Extremely Quiet
- \* Panel Pressure Gauges
- \* Stainless Steel Pump
- \* Pump Protection Shield
- \* Low Pressure Switch
- \* Product Water Re-circulation
- \* FDA 510(k)
- \* ETL and non-ETL Listed models available

### SOLUTIONS \* SERVICE \* SUPPORT

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

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# Medi-Port PB2 – Portable RO

Specifications	
Capacity at 77° F	2,600 cc/min, 1000 GPD minimum
Recovery Rate	50%
Membrane (TFC)	One 4" x 21"
Operating Weight	110 lbs
Electrical	115 VAC, 60 Hz, single phase, 6.5 amps 230 VAC, 50 Hz available upon request
Decibels	53 db
Dimensions	Height 30 ¾" x Width 20 ½" x Depth 12"
Incoming Water Requirements	2.2 gpm at 10 PSI, Total Chlorine <0.1 PPM, Chloramines <0.1 PPM, SDI <3, Operating pH range 3-11, Optimum pH range 5-8, Total Iron <0.1 PPM, Total Hardness <10 GPG, Temperature Range 50-85° F
Gauges	Filter In: 20-40 PSI, Filter Out: 10-40 PSI, RO Pump: 100-150 PSI, Product: 0-70 PSI
Standard Alarms	Poor Water Quality, Low Feed Pressure
Water Quality Monitor	Digitally displays % Rejection, Feed TDS, Product TDS, and Alarm Set-Point
Renalin/Minncare Compatible	Yes

## OPTIONAL ACCESSORIES



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## Portable RO Carts

### PORTABLE RO CARTS



- Better Water LLC has your solution for making your portable RO system truly portable.
- Our short and extended carts allow for easy moving of the RO and dialysis machine and the supporting carbon and softener tanks from location to location.
- Strong, light-weight, and silent, these carts are the perfect, long-lasting accessory allowing easy on person movement.
- When it's not being moved, you'll rest assured it will be right where you left it due to its locking casters.

### Standard Features

- \* Rugged, Long-Lasting, Stainless-Steel Frame
- \* Bead Blasted Finish
- \* Rust Inhibited
- \* Silent, Non-Marking Wheels
- \* Two Locking Casters
- \* Short Carts for Portable-RO and Pre-Treatment
- \* Extended Carts will support the Portable-RO, Pre-Treatment, and the Dialysis Machine



Shown with both a PB2 and a dialysis machine mounted to an extended cart



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# Portable RO Carts

## Models and Specifications

Model	FXCROO01656	FXCROO00890
Size	Short Cart	Extended Cart
Dimensions	43.5" x 28" x 25.5" Height x Length x Width	43.5" x 45.5" x 25.5" Height x Length x Width
Empty Weight	63 lbs	77 lbs
Dimensional Drawing		

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# PB2 – Extended Cart, Divert-to-Drain, Booster Pump, Carbon Blocks, UV

Front View – Extended Cart

Rear View – Extended Cart



### Extended Cart

Height 43.5" x Length 45.5" x Width 25.5"

Will support the PB2, Pre-Treatment, and the Dialysis Machine

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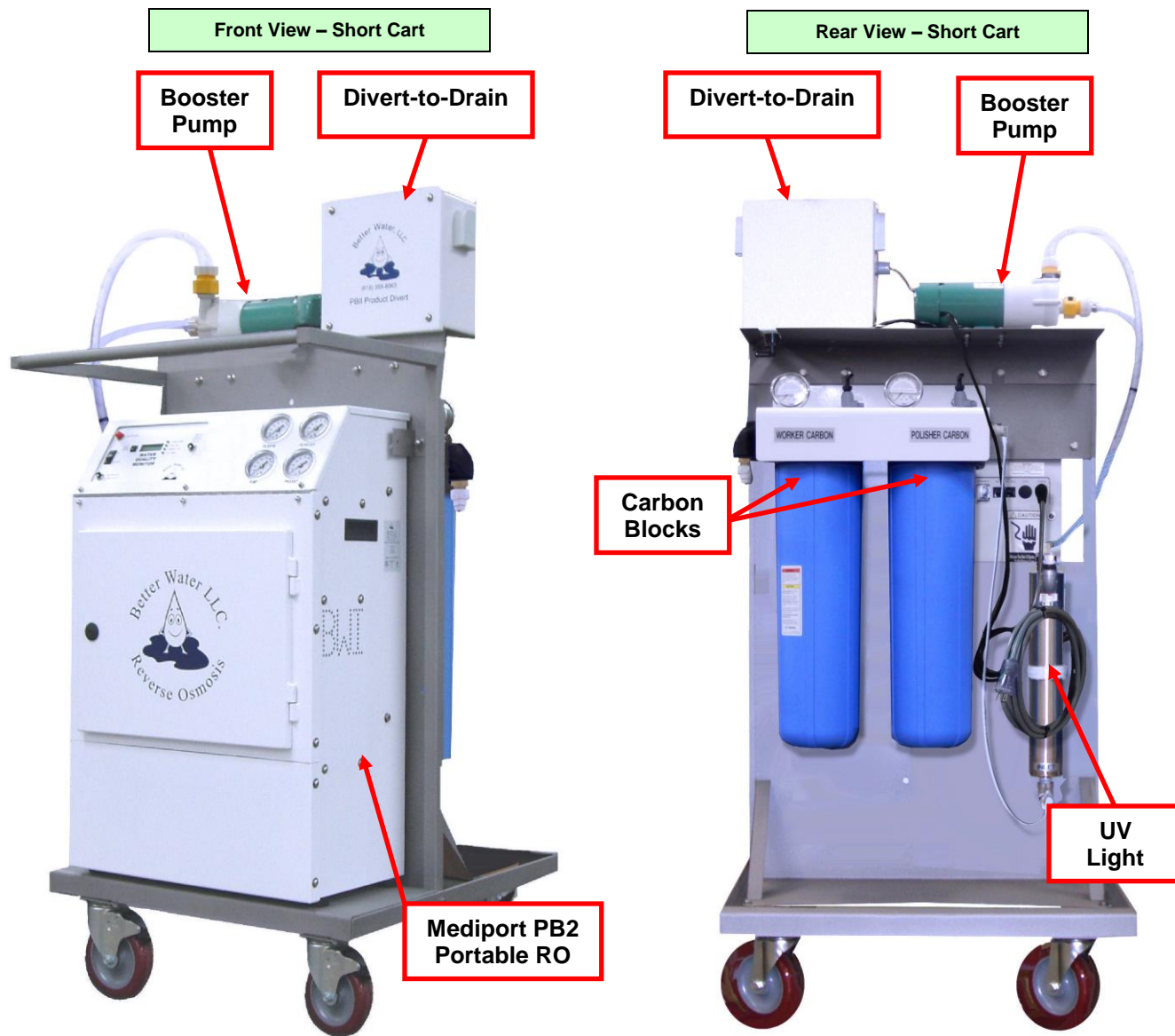
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# PB2 – Short Cart, Divert-to-Drain, Booster Pump, Carbon Blocks, UV



**Short Cart**  
 Height 43.5" x Length 28" x Width 25.5"  
 Will support the PB2 and the Pretreatment



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# PB2 – Optional Accessories

## 10” Pre-Filter, 1.0 or 5.0 micron

- Pre-carbon sediment filter.



Part#:

10”, 5.0 micron Filter

**EQASSY5.0MICRON**

10”, 1.0 micron Filter

**EQASSY1.0MICRON**

## DUAL CARBON BLOCKS

- Carbon Blocks pre-treat the source water to reduce chlorine and chloramines.



Part#:

**EQASSY20BBDUAL**

Assembly with UV:

**EQASSY20BB/UV**

Assembly with Single Carbon Block and a Single Carbon Tank:

**EQASSY20BB W GAC**

## CARBON TANK

- Carbon Tanks pre-treat the source water to reduce chlorine and chloramines.



Part#:

Single Carbon Tank

**EQASSYCFRO.8CF830PB2**

Assembly with Dual Carbon Tanks

**EQASSYCFRO.DUAL830**

Assembly with Carbon Tank and Single Carbon Block:

**EQASSY20BB W GAC**

## SOFTENER

- Softeners pre-treat the source water to reduce water hardness (*calcium and magnesium*).
- The water softener is regenerated with salt brine that is made from quality, premium grade salt pellets specified for water softening and/or conditioning.



Part#:

**EQASSYSORO22CAP830**

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# PB2 – Optional Accessories

## UV LIGHT

- UV rays alter the DNA of many common waterborne bacteria and sterilize them, preventing reproduction, thus reducing them.
- The UV unit consists of a UV lamp housed inside a fused quartz sleeve which seals the lamp from direct water contact. The sleeve is housed in a stainless steel treatment chamber.



Part#:

**EQSUBVPB2**

Assembly with Dual Carbon Blocks:

**EQASSY20BB/UV**

## BOOSTER PUMP

- Boosts the incoming water pressure to the PB2
- 1/4 HP, 1 Phase, 110 VAC
- Plug directly into the PB2
- Required when dialyzing two patients with one PB2



Part#:

**EQSUBPB2BP**

## DIVERT-TO-DRAIN

- Automatically diverts the product water from the PB2 to drain in a poor water condition.
- Ports:
  - Product-Out
  - From RO
  - To-Drain
- Good Water Quality light indicator



Part#:

**EQDTD-PB2**

## DISINFECT JUG

- Used during the PB2 disinfect procedure
- Ports:
  - Product
  - RO Drain
  - DTD Drain
  - Disinfect
  - End-to-End



Part#:

**EQASSYDISJUG**

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## PB2 – Optional Accessories

### WALL-MOUNTED DUAL 20” CARBON BLOCKS & 20” 5 micron FILTER ASSEMBLY

- Additional filtration.



Part#:  
**EQASSY20BBDUAL20SL**

### TWO WHEEL CART with DUAL 20” CARBON BLOCKS & 20” 5 micron FILTER ASSEMBLY

- Additional portable filtration.



Filter Assembly Part#:  
**EQASSY20BBDUAL20SL**

Cart Part#:  
**FXCROO00889**

### TEMPERATURE GAUGE RETRO KIT

- Kit contains both garden hose and quick connect fittings.



Part#:  
**EQSUBPB2TG**



### PARTS REQUIRED TO CONNECT TWO DIALYSIS MACHINES TO ONE PB2

“Y” Splitter:  
**PLFIJG00969**



Additional Product Hose:  
**EQSUBPB2TRPH**



Booster Pump:  
**EQSUBPB2BP**



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