

# OptiPure

## Snapshot

The OptiPure BP250 is a water pre-treatment system that allows accurate blending of softened and untreated water to provide a desired amount of water hardness upstream to an OptiPure RO System. The integrated 20" filter housing serves as a blending chamber and provides additional pre-filtration with a 4.5" x 20" cartridge that reduces sediment down to 5.0 microns. The system also includes a sample-port and water hardness test kit.

## System Benefits

- Allows the user to accurately manage the amount of water hardness in the feed water supply to an RO system.
- Dual pressure regulators enable independent control of softened and untreated water pressures to assure consistent blending.
- Hardness test kit (100 tests) included to confirm blended water hardness level, to check blend consistency and to make future adjustments if needed.
- Integrated sample port makes setup quick and simple.
- Gradient-density sediment filtration protects the RO processor against dirt, rust and other debris down to 5.0 microns.
- System is complete and comes mounted on durable poly backboard, making installation simple.

Model: **BP250**  
Part #: 100-20050

ITEM #: \_\_\_\_\_ QTY: \_\_\_\_\_

JOB NAME/NUMBER \_\_\_\_\_



## Application

Any application of an OptiPure BWS System with a softened feed water supply, to allow a balance of hardness minerals blended with RO permeate, to provide optimized water with desirable, consistent TDS characteristics.

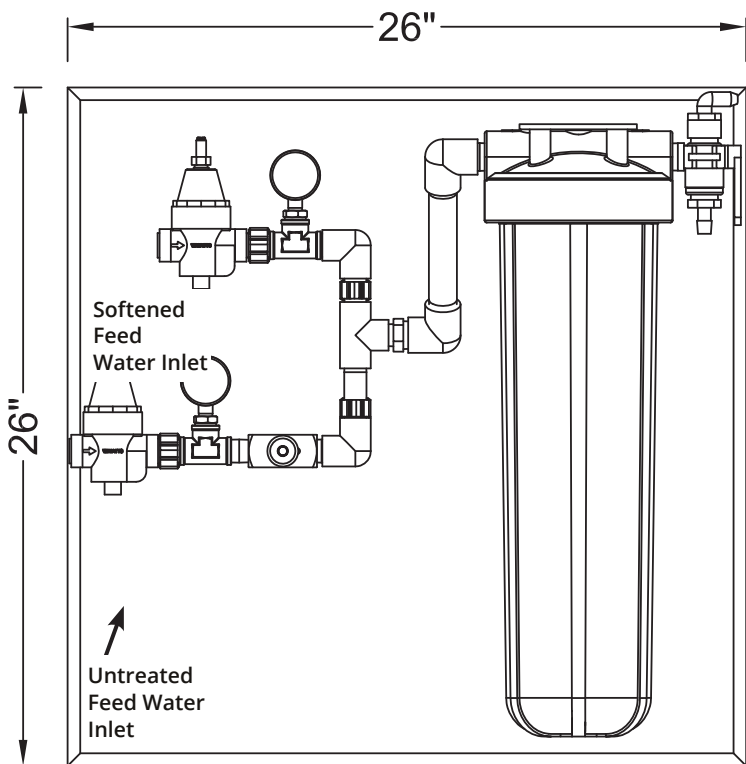
## Installation Tips

- Feed-water connections to system should be COLD only.
- Do not exceed system specifications for temperature and pressure.
- Provide two dedicated, minimum 1/2" water lines to the unit for consistent flow and pressure to the system.
- Allow 3" clearance below system for filter cartridge removal and replacement.
- Detailed installation, operation and maintenance manual included with each system.



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## ► Specifications



System includes a hardness test kit.



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

System	
Dimensions (Height x Width x Depth, Inches)	26"h x 26"w x 8.6"d
Connection - Inlets (2)	1/2" NPT Female
Connection - Outlet	1/2" Hose Barb
Feed-Water Pressure Range	30 - 90 psi (2.1 - 6.2 bar)
Inlet Water Temperature Range	40° - 100° F (4° - 38° C)
Shipping Weight	
Performance	
Service Flow Rate	5.0 gpm (18.9 lpm)
Sediment Reduction	5.0 microns(nominal)

## ► Replacement Parts

Model	Part Number	Qty
Filter S5-20B	252-10410	1
Hardness Test Kit	180-80120	1

It is recommended that pre/post-filters and mineral addition cartridges are changed every 6 months, when capacity is reached or when feedwater pressure or flow becomes inadequate.

Membrane life varies depending on feedwater conditions and pre-filter maintenance. It is 12-18 months under typical conditions, but it can be as long as 3-5 years.

This product is for commercial use only and must be installed and maintained according to manufacturer's guidelines.

Do not use on water that is microbiologically unsafe or of unknown quality without adequate disinfection before or after the system.

## ► Warranty

All system components and assembly except for filter cartridges, separation membranes, permeate pumps, electric motors, diaphragm pumps, and rotary vane pumps shall be warranted against defects in workmanship for a period of 60 months from the date of original shipment. For complete warranty information, contact OptiPure customer service or go to [www.optipurewater.com](http://www.optipurewater.com).

Dealer/Distributor Info:

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