



Snapshot

The WS-20B is a 4.5" x 20" Drop-In cartridge that utilizes a high-capacity ion-exchange resin to remove hardness minerals that cause scale from water. The cartridge has 5,200 grain (88,920 mg/L) capacity at flow rates up to 2.0 gpm.

Cartridge Benefits

- Removes hardness minerals that cause scale.
- Protects equipment from the damaging effects of lime-scale build-up.
- Increases energy efficiency of equipment by eliminating the insulating effects of scale on heating elements and heat exchangers.
- Generates less waste, only the drop-in cartridge is replaced. No discarding of metal or plastic quick-change filters.
- Replacement cartridge cost per gallon is much less than proprietary quick-change filters.

Model: **WS-20B**

Part #: 252-60040

REPLACEMENT CARTRIDGE

ITEM #: _____ QTY: _____

JOB NAME/NUMBER _____



Application

Espresso Machines and Tea Brewers

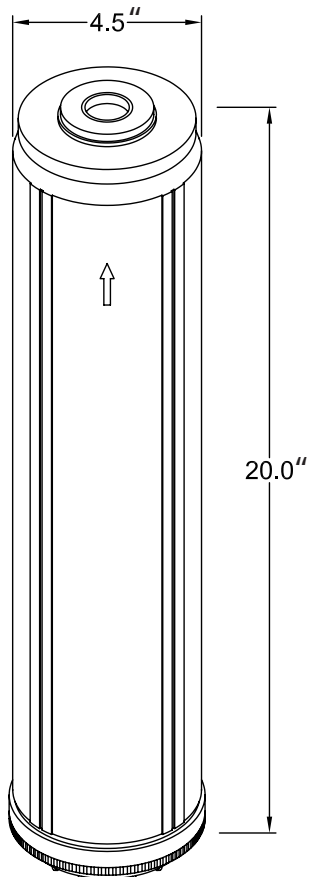
*Can be used as a retrofit cartridge with most standard 4.5" x 20" drop-in style housings.

Installation Tips

- Insure cartridge is designed to replace the existing cartridge.
- Do not exceed cartridge specifications for temperature and pressure.
- Allow 3" clearance below system for filter cartridge removal and replacement.
- Ion exchange softening resin cartridges should be flushed for 10 minutes before connecting to equipment.
- Feed-water connection to system should be COLD only.



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

► Specifications

Cartridge	
Dimensions (Height x Width x Depth, Inches)	20"h x 4.5"w x 4.5"d
Operating Pressure Range	10 - 125 psi (0.7 - 8.6 bar)
Inlet Water Temperature Range	35° - 100° F (2° - 38° C)
Performance	
Hardness Reduction Capacity	5,200 grains. (88,920 mg/L)
Service Flow Rate	2.0 gpm (7.5 lpm)
Sediment Reduction	N/A
Scale Inhibitor	Ion Exchange

► System(s) Cartridge Used In

Model	Part Number	Qty
FXWS-12B	160-00520	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

Replacement filter cartridges are warranted for defects in material and workmanship only. Service life of replacement filter cartridges varies significantly with local water conditions and volume and thus cannot be warranted. Furthermore, separation membranes are equally susceptible to feed water conditions (e.g. presence of iron, alum and silica) and shall be warranted only for defects in construction. Membrane failure due to fouling, hydrolysis, oxidation or other damage caused by the local water conditions is not covered under warranty. For complete warranty information, contact OptiPure customer service or go to www.optipurewater.com.

Dealer/Distributor Info:

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