

## REPLACEMENT PARTS

Model	Replacement Part
SF-LDMX-10-ABS-10	LoadMaxx Sediment Filter Cartridge: (FiltCart, LoadMaxx, 10umA, 10inL)
V-BALL-2W-4JG	White and Blue 2-Way Ball Valve
VA-BV3-4	3-Way Ball Valve with 1/4" fittings.



## The LOADMAXX™ System Back-Washable Sediment Pre-Filtration



## INSTALLATION AND OPERATING MANUAL

### WARNING

**Please read carefully before proceeding with installation. Failure to follow any attached instructions or operating parameter may lead to the product's failure and possible damage to property.**

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## THREE YEAR LIMITED WARRANTY

Effective on products purchased after March 10, 2005.

SpectraPure, Inc.® warrants the product to the original owner only to be free of defects in material and workmanship for a period of three years from the date of receipt. SpectraPure's liability under this warranty shall be limited to repairing or replacing at SpectraPure's option, without charge, F.O.B. SpectraPure's factory, any product of SpectraPure's manufacture. SpectraPure will not be liable for any cost of removal, installation, transportation or any other charges which may arise in connection with a warranty claim. Products which are sold but not manufactured by SpectraPure are subject to the warranty provided by the manufacturer of said products and not by SpectraPure's warranty. SpectraPure will not be liable for damage or wear to products caused by abnormal operating conditions, accident, abuse, misuse, unauthorized alteration or repair or, if the product was not installed in accordance with SpectraPure's or other manufacturer's printed installation and operating conditions, or damage caused by hot water, freezing, flood, fire or acts of God.

SpectraPure will not be responsible for any consequential damages arising from installation or use of the product, including any water or mold damage due to flooding which may occur due to malfunction or faulty installation, including, but not limited to failure by installer to over- or under-tighten fittings, housings, and/or push-style fittings, or improper installation of push-style fittings. Consumable items such as pre filters and membranes are not covered under the three year warranty.

SpectraPure warrants (pro-rated) the performance of tested SpectraSelect™ RO membrane elements only, for one year from date of receipt by the buyer, providing that the loss of performance was not caused by fouling, neglect or water conditions exceeding the feed water parameters listed in the applicable product manual (refer to detailed membrane warranty information). SpectraPure will, on confirmation of loss of performance during the warranty period, credit the pro-rated amount of the current catalog price of the element. The disposable filters and cartridges are not covered under the warranty.

To obtain service under this warranty, the defective system or components must be returned to SpectraPure with proof of purchase, installation date, failure date and supporting installation data. Any defective product to be returned to the factory must be sent freight prepaid; documentation supporting the warranty claim and a Return Goods Authorization (RGA) number must be included. SpectraPure will not be liable for shipping damages due to the improper packaging of the returned equipment and all returned goods must also have adequate insurance coverage and a tracking number.

SpectraPure will not pay for loss or damage caused directly or indirectly by the presence, growth, proliferation, spread or any activity of "fungus", wet or dry rot or bacteria. Such loss or damage is excluded regardless of any other cause or event that contributes concurrently or in any sequence to the loss. We will not pay for loss or damage caused by or resulting from continuous or repeated seepage or leakage of water, or the presence or condensation of humidity, moisture or vapor, that occurs over a period of 14 days or more. "Fungus" and "fungi" mean any type or form of fungus or Mycota or any by-product or type of infestation produced by such fungus or Mycota, including but not limited to, mold, mildew, mycotoxins, spores, scents or any biogenic aerosols.

SpectraPure will not be liable for any incidental or consequential damages, losses or expenses arising from installation, use, or any other causes. There are no expressed or implied warranties, including merchantability or fitness for a particular purpose, which extend beyond those warranties described or referred to above.

**\* The three year limited warranty does not apply to consumable items, including but not limited to, filters and cartridges unless specifically stated above**

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## NOTES:

**SpectraPure®Inc.** assumes no responsibility for water damage due to leaks. It is the user's responsibility to determine that the system is leak-free.

## WHAT DOES THIS SYSTEM DO?

If you are trying to produce high-quality ultra-pure water in a high-sediment water area, you already know how quickly sediment and carbon filters can clog and how expensive that gets!

We designed the LOADMAXX™ back-washable sediment filter, specifically for those problem areas where customers were complaining that even the best traditional sediment and carbon filters were plugging up within weeks.

Payback for using the system has been reported in as short as 3 months under extreme conditions, and is typically between 8-12 months, depending on the severity of your sediment problems!

We provide everything you need to add our revolutionary re-usable LOADMAXX™ back-washable sediment filter to your RO or RO/DI water treatment system. It will significantly increase the life of your existing downstream sediment (and carbon) filters! Each system comes with a dual three-way valve purge and drain assembly, making it a simple matter of switching the valves to the “back wash” position momentarily to clean your LOADMAXX™ back-washable sediment filter. Switch the valves back to the “filter” position to make it ready to do more work removing those nasty sediments!

## OPERATIONAL & SET-UP PROCEEDURES

### SET-UP PROCEEDURE:

STEP A: Cut the 1/4" black line from the tap water feed and reconnect it with the Backwashable Filter Assembly. (Diagram A)

### OPERATIONAL PROCEEDURE

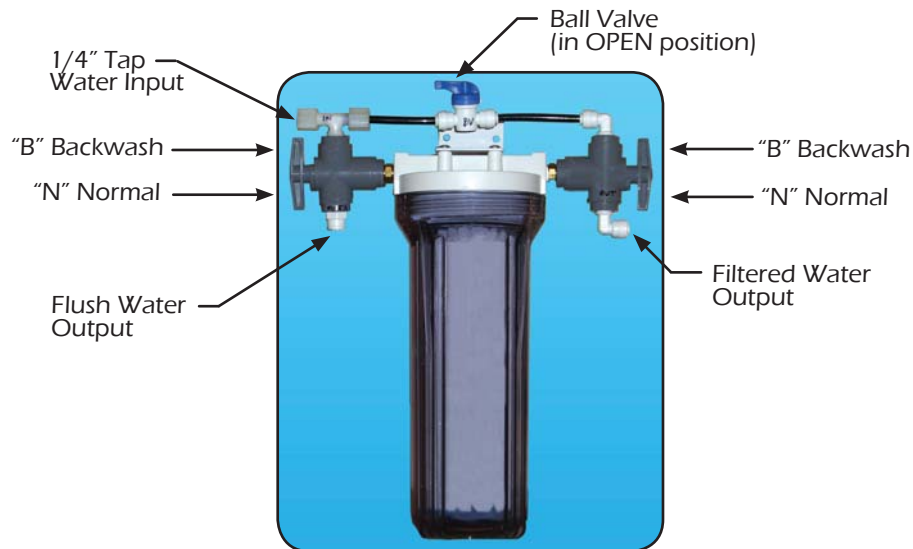
When the gauge on your system shows a drop in pressure, it is time to backwash the filter. If you do not have a pressure gauge, you will need to add one.

STEP 1: There are labels on both 3-way ball valves that show "N" and "B". When you back-wash the filter, turn both handles so that the label "B" is in the up position.

STEP 2: Turn the Ball valve to the "OPEN" position and flush the filter untill the waste water looks clear, approx 15-20 sec.

STEP 3: Return all three valves to their original positions when flushing is complete.

NOTE: For better performance, we recommend to replace the standard Sediment filter with the Zeta-Zorb™ as shown in Diagram A.



**DIAGRAM A: Placement for the Backwashable Filter Assembly**

NORMAL MODE: "N" Label is up on both 3-way valves and ball valve is in "closed" position  
 BACKWASH MODE: "B" Label is up on both 3-way valves and ball valve is in "open" position  
 (SHOWN IN PICTURE ABOVE)

