

LIVINGWATERS™ WATER CONDITIONERS

For consumers who demand great value!



Enjoy the Many Benefits of a LIVINGWATERS™ Water Conditioner

- Spot free glassware and dishes.
- No “soap curds” on tubs, sinks, and shower walls.
- Reduced soap and other cleaning product usage by 75%.
- Softer, healthier skin and hair.
- Protect expensive water using appliances.
- Save on energy consumption.



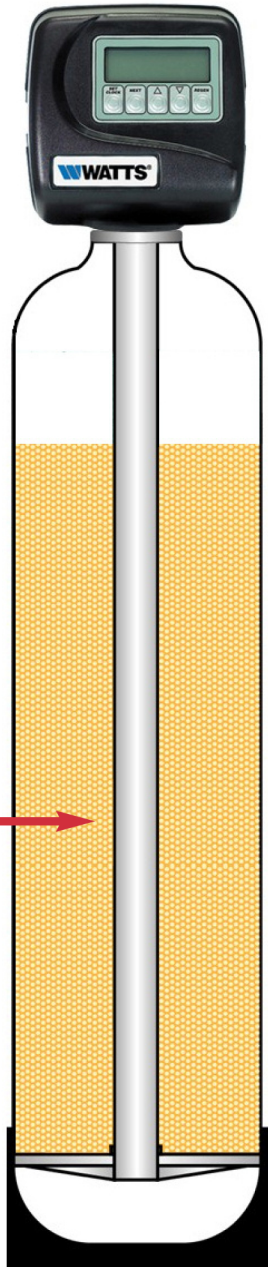

LIVINGWATERS™
ENGINEERED WATER TREATMENT SOLUTIONS

LIVINGWATERS™ WATER CONDITIONERS

For consumers who demand great value!

Metered valve for greater efficiency

Our control valve is metered for greater efficiency and reduced salt usage, because regeneration of the softener resin is based on water consumption. Digital LCD display provides information on usage and gallons remaining before the next regeneration cycle.



High Efficiency Ion Exchange Resin

Fine mesh resin is used for increased efficiency and to enhance performance with high iron content water.

Features & Benefits

- Designed for whole house water treatment.
- Removes calcium and magnesium, the most significant minerals that cause hard water that reduces plumbing and appliance life.
- High efficiency ion exchange resin.
- Reduces iron staining (additional equipment may be required based on iron levels and type).
- High salt and water efficiency.

Your Authorized Dealer

ABC  
PLUMBING and
ELECTRICAL SUPPLIES

TWO LOCATIONS TO SERVE YOUR NEEDS

707 E. Fillmore, Colorado Springs, CO 719-633-0208
 101 Spring Street, Pueblo, CO 719-542-5631
www.abcplumbing.com



Specifications

CAPACITY (GRAINS)	FOOTPRINT (MIN)	SAFETY FLOAT VALVE	CONNECTION SIZE	REMOVES HARDNESS	REMOVES CHLORINE	REMOVES TASTE & ODOR	REMOVES PARTICULATE	REMOVES IRON
30,000	28"x 19"	Yes	1"	✓				✓
45,000	30"x 19"	Yes	1"	✓				✓
60,000	31"x 19"	Yes	1"	✓				✓

INTRODUCING
THE SHAPE
OF THINGS
TO COME.

Vortech™

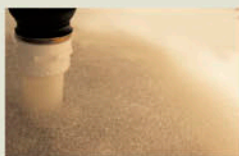
The Revolutionary New Distribution Technology From ENPRESS®

THE OLD
WAY.

THE
VORTECH
WAY.

Vortech creates
better backwashing
and cleaning
action of medias.

(Manganese Greensand
- 10" Diameter Tanks 8gpm)



HERE'S
WHY...

- Improved lift and mixing from swirling action created by Vortech, provides shorter backwashing requirements.

(Filter Ag - 10"
Diameter Tank - 8gpm)



30%
LESS
BACKWASH
REQUIRED

ENPRESS LLC a worldwide leading manufacturer of composite pressure vessels for use in water treatment, introduces the Vortech™ - the world's newest, innovative and most efficient bottom distribution system. Cleaning is greatly improved, freeboard is reduced, and it works with all softening and filtration medias. The Vortech's™ high flow design maximizes today's high efficiency valves...now your smart valve has a smart tank! The Vortech™ - just another example of the type of innovation you've come to expect from ENPRESS®.

FEATURES & BENEFITS

- Up to 30% less backwash flow rate is required...conserving water for the consumer.
- High flow design maximizes today's high efficiency valve technology.
- Permanent attachment of dip tube to distributor, so when servicing a valve, distributor stays in place, no more re-bedding.
- Vortech distributor plate is designed for over 6,500 lbs load capacity.
- Elimination of gravel, save on net cost and unit weight, for shipping.
- Improved system pressure drop characteristics.
- Self-cleaning nozzle design eliminates potential clogging and build-up.
- Available for 9", 10", 12" and 13" tanks; adapters for 1" and 1-1/4" valves.
- Increase in softening capacity, due to improved flow through media.
- No channeling of media, providing a cleaner more efficient system.
- Environmentally friendly, reduction in required backwash times due to improved bed lift and mixing...at lower flow rates.
- Most efficient softening regeneration, reducing salt consumption.

TECHNICAL

Nozzle Slot Size/Opening: 0.010”
(ten-thousandths of an inch)

Vortech™ Open Area: 1.5 to 2.5 times the open surface area of a standard basket.

NOTE: For medias with a mesh size smaller than the Vortech nozzle opening, a 1” layer of underbedding is recommended. Examples of medias: Fine Mesh Resin, Manganese Greensand, and Filox:

9” – 4 to 5 pounds

10” – 5 to 6 pounds

12” – 7 to 9 pounds

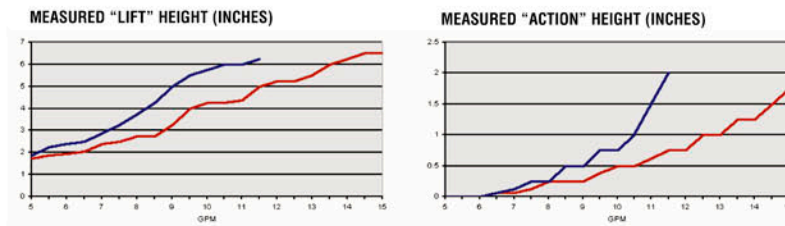
13” – 8 to 10 pounds

ASSEMBLY INSTRUCTIONS

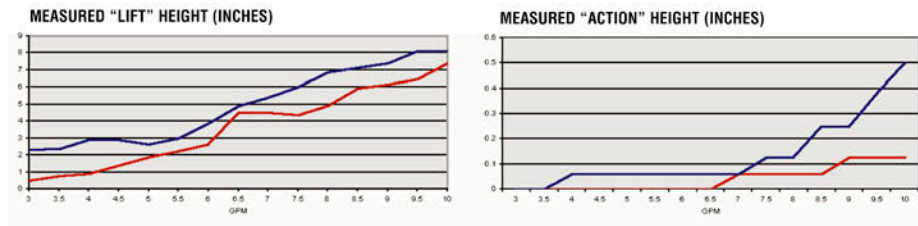
- Measure from the top of the Vortech™ inside the vessel, to the top of the inlet.
- Subtract .25” from the overall measurement and cut riser tube to length.
- Choose the size of adapter plug required... based on the valve size to be used, 1” or 1.25”.
- Glue the adapter plug to the riser tube.
- Push the new riser assembly into the Vortech™ center hole...there should be a loud click or snapping noise when seated.
- The riser should be flush with the top of the inlet, and the vessel ready for filling.

BACKWASH COMPARISON — CONE — VORTECH

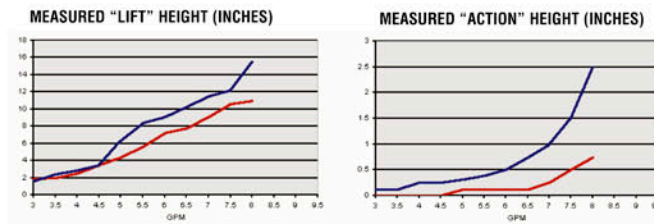
FILOX - 13” DIAMETER
Temperature - 43° F
Quantity of Media - 2.5 cu. ft.
Weight of Underbedding - Cone/45 lbs
Weight of Underbedding - Vortech/10 lbs



CALCITE - 10” DIAMETER
Temperature - 48° F
Quantity of Media - 1.0 cu. ft.
Weight of Underbedding - Cone/21 lbs



CARBON - 13” DIAMETER
Temperature - 42° F
Quantity of Media - 2.5 cu. ft.
Weight of Underbedding - Cone/45 lbs



REG. MESH RESIN - 10” DIAMETER
Temperature - 48° F
Quantity of Media - 1.0 cu. ft.
Weight of Underbedding - Cone/14 lbs

