

# HTO Downflow Series Whole House Water Refining System

## A Complete Water Refining System For Your Home

Rid your water of hardness minerals (calcium and magnesium) plus filter out bad tastes and odor caused by chlorine, chloramines or organic matter.

The unique two tank system keeps the two media beds separate, allowing for more carbon contact which greatly improves the removal of chlorine, chloramines and organics. Because the carbon typically needs to be replaced before the softening resin, the two tank system allows for easy cost effective replacement. You get the same benefit as a separate water softener and whole-house carbon filter for a much lower price as the single control valve operates both systems.

Now you can enjoy truly refined water throughout your home!



Soft, Clean  
Truly Refined  
Water

- ➔ Great tasting water
- ➔ Odor-free. No chlorine!
- ➔ Soft skin & silky hair
- ➔ Spot free dishes
- ➔ Brighter laundry
- ➔ Easier cleaning
- ➔ Protect plumbing & water using appliances from scale build-up





765 valve



## Features:

- Two tank carbon system keeps media beds separate, allowing for more carbon contact for improved chlorine, chloramines and organic removal
- Carbon can be replaced without replacing the resin bed
- Same benefit as separate systems but with cost of only one control valve
- Exclusive NSF Certified electronic control valve with five year warranty featuring proven piston, seal & spacer technology
- Fully adjustable cycles allow customization to the most efficient settings based on specific water quality requirements
- Simple Electronics. Set the time of day, the hardness and the number of people
- NSF Certified fibreglass pressure tank with ten year warranty
- High density polyethylene salt tank with ten year warranty
- Brine safety valve for added overflow protection
- Plastic salt grid prevents salt bridging
- Unique precision turbine meter is incorporated in system bypass valve – saving space over 4” of floor space
- Time saving quick connect fittings on brine line, drain line (with O-ring seal) and power cord for fast and easy installations

Specifications	HTO-100	HTO-150
Salt Used - Per Regeneration	6.0 lbs	9.0 lbs
Water Used - Regeneration	86.4 gal	148 gal
Hardness Removal - Grains	22,000	33,000
Tank #1 Carbon Quantity (ft3)	1.0 ft	1.50 ft
Tank #2 Resin Quantity (ft3)	1.0 ft	1.50 ft
Tank Size	9x48	10x54
Media Loaded	Yes	Yes
Brine Tank (Inches)	BTR 18.1 x 34.5 BTS 15.0x34.7	BTR 18.1 x 34.5 BTS 15.0x34.7
Salt Storage Capacity	BTS 240 lbs BTR 270 lbs	BTS 240 lbs BTR 270 lbs
Flow Rate @ 15 psi Pressure Drop	7.2 gpm	7.4 gpm
Flow Rate @ 25 psi Pressure Drop	10.0 gpm	10.1 gpm
Back Wash Flow Rate	2.4 gpm	3.5 gpm
Shipping Weight	154 lbs	171 lbs
Regeneration Type	Downflow	
Plumbing Connections	3/4" 90° elbow and 1" Straight NPT Adaptors	
Resin Type	Aquafine	
Carbon Type	Catalytic Carbon	
Electrical Requirements	Input 120V 60 Hz - Output 12V 650mA	
Water Temperature	Min 39 - Max. 100° F	
Water Pressure	Min. 20 - Max. 125 psi	



Brine Tank Included

Also available with 75V Valve



A Division of



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**www.petwawater.com**

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