

# Hydrotech®

## 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!

- 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

*Soft, Clean  
Truly Refined  
Water*



#### DUAL TANK HTO - HARDNESS & TASTE & ODOR

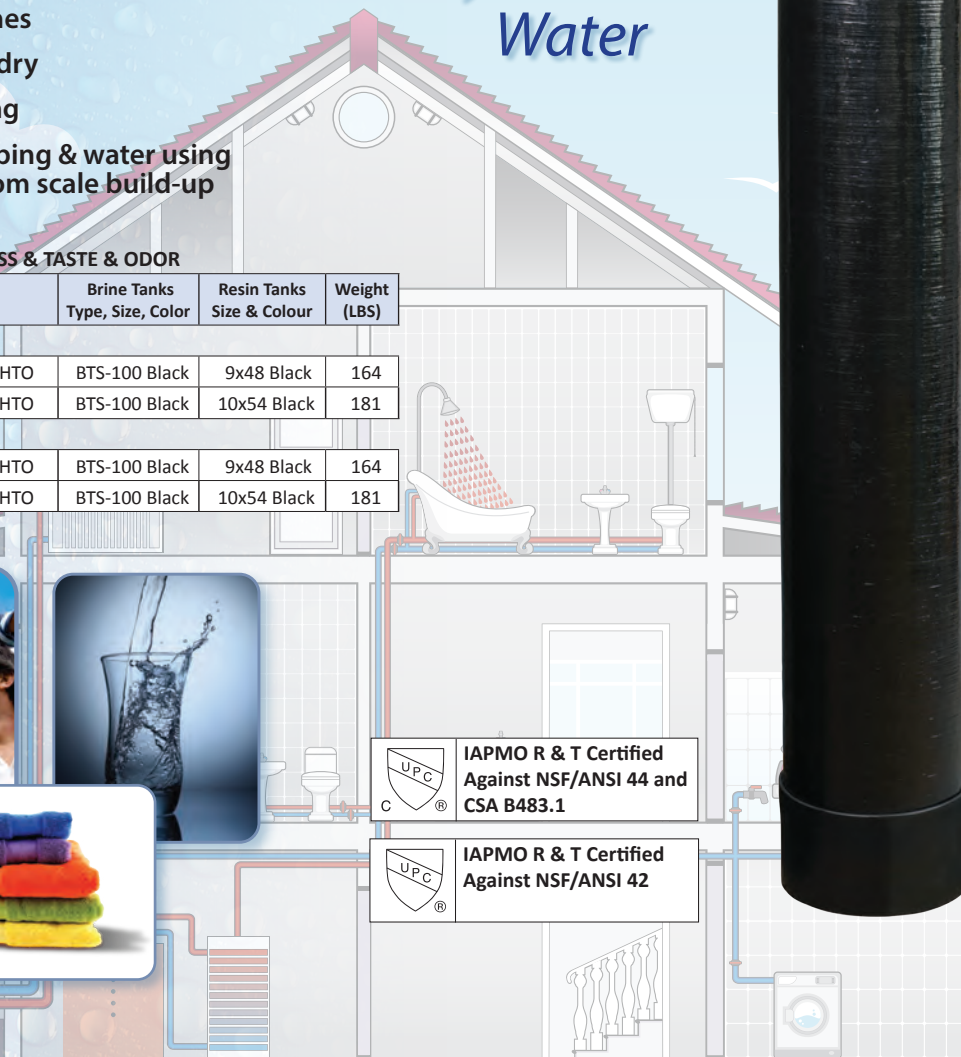
Part #	Model	Brine Tanks Type, Size, Color	Resin Tanks Size & Colour	Weight (LBS)
<b>565 Series</b>				
15101086-1	HT565-100HTO	BTS-100 Black	9x48 Black	164
15101104-1	HT565-150HTO	BTS-100 Black	10x54 Black	181
<b>765 Series</b>				
15101122-1	HT765-100HTO	BTS-100 Black	9x48 Black	164
15101140-1	HT765-150HTO	BTS-100 Black	10x54 Black	181



IAPMO R & T Certified  
Against NSF/ANSI 44 and  
CSA B483.1



IAPMO R & T Certified  
Against NSF/ANSI 42





**565 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 seven year warranty on 565 models (5 year warranty on 765 models) featuring proven piston, seal & spacer technology
- Fully adjustable cycles allow customization to the most efficient settings based on specific water quality requirements
- 565 Control comes with 7 Year Warranty / 765 Control comes with 5 Year Warranty
- NSF Certified fibreglass pressure tank with lifetime warranty on 565 models (10 year warranty on 765 models)
- High density polyethylene salt tank with lifetime warranty on 565 models (10 year warranty on 765 models)
- 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	HTO100	HTO150
Item #s	565 Series: 15101086-1 765 Series: 15101122-1	565 Series: 15101104-1 765 Series: 15101140-1
Salt Used - Per Regeneration	6.0 lbs	9.0 lbs
Water Used - Regeneration	86.4 gal	148 gal
Hardness Removal - Grains	25,000 for 565 models 22,000 for 765 models	37,500 for 565 models 33,000 for 765 models
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
Tank Jacket / Media Loaded	Yes	Yes
Brine Tank (Inches)	BTR 18.1 x 34.5 BTS 15.0 <sup>2</sup> x34.7	BTR 18.1 x 34.5 BTS 15.0 <sup>2</sup> x34.7
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	4.0 gpm	5.0 gpm
Shipping Weight	154 lbs	171 lbs
Regeneration Type	Downflow	
Plumbing Connections	Includes 3/4” 90°Elbows	
Resin Type	Aquafine 8% Resin	
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 765 valve**



**Hydrotech**

**TOLL-FREE 1-877-288-9888**  
**www.hydrotechwater.com**

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Your Local Water Treatment Professional