

# Water Filter

## Reduce Chlorine, Chloramines and Other Chemicals from Your Water

Chlorine and chloramines are the most widely used disinfectants in municipal water treatment, ensuring water remains biologically safe during distribution to homes and businesses. However, once delivered, these disinfectants can pose health risks and cause longterm damage to plumbing systems. Carbon filtration remains the most effective and proven method for reducing chlorine, chloramines, and various other contaminants, including heavy metals like lead and mercury, pesticides, volatile organic compounds (VOCs), trihalomethanes (THMs), toxic organics, phenols and tannins. In addition to health concerns, chlorine, chloramines and organic compounds can negatively affect water's taste and odor.



### KEY FEATURES

**Chlorine Reduction:** Hydrotech TO filters use high-quality AQUAFINE® granular activated carbon (GAC) to adsorb chlorine and organic compounds, significantly improving water quality.

**Chloramine Reduction:** Hydrotech TOC filters use AQUAFINE® catalytic granular activated carbon to reduce chloramine, chlorine and organic compounds.

**Tank Features:** NSF/ANSI 61 certified for Drinking Water System Components – Health Effects and NSF/ANSI 44 certified for Materials & Structural Integrity.

**97% CHLORINE  
REDUCTION FOR OVER  
1,100,000  
1,100,000 GALLONS\***

Based on model: HT765-150TO.

### VALVE FEATURES

**Manual Index:** Turn to desired cycle position for faster, easier installation & service.

**3/4" 90-Degree Elbows:** Included for easy installation.

**Timesaving Quick Connect Fittings:** Quick connect fittings on bypass, drain line (10' included) and power cord. Bypass included.



**Simple Electronics:** Just set date and time of day.

**Regeneration Modes:** Meter immediate, meter delayed, meter override, calendar clock modes.

**48-Hour Programming Memory:**

**Standard:** meter delayed.  
**Optional:** meter immediate, meter override and calendar clock.



IAPMO R&T Certified to NSF/ANSI 42, 372 and CSA B483.1.



# Technical Specifications

## PROFESSIONALLY ENGINEERED FOR PERFORMANCE

### 765 CARBON FILTERS

| Item #                                                                     | Model        | Media<br>(Cu Ft) | Flow Rate  |            |            | Pressure Tank<br>Size (inches) | Pipe Size<br>(inches) | Media<br>Loaded | Shipping<br>Weight<br>(lbs) | Capacity      |
|----------------------------------------------------------------------------|--------------|------------------|------------|------------|------------|--------------------------------|-----------------------|-----------------|-----------------------------|---------------|
|                                                                            |              |                  | Service    | Peak       | Backwash   |                                |                       |                 |                             |               |
| TASTE & ODOR FILTERS (AQUAFINE® GRANULAR ACTIVATED CARBON - COCONUT SHELL) |              |                  |            |            |            |                                |                       |                 |                             |               |
| 15550642                                                                   | HT765-075TO  | 0.75 ft³         | 3.5 US gpm | 5.0 US gpm | 3.5 US gpm | 8 x 44                         | 3/4"                  | Yes             | 50 lbs                      | 500,000 gal   |
| 15550649                                                                   | HT765-100TO  | 1.0 ft³          | 4.0 US gpm | 7.0 US gpm | 4.0 US gpm | 9 x 48                         | 3/4"                  | Yes             | 60 lbs                      | 750,000 gal   |
| 15550656                                                                   | HT765-150TO  | 1.5 ft³          | 5.0 US gpm | 8.0 US gpm | 5.0 US gpm | 10 x 54                        | 3/4"                  | Yes             | 78 lbs                      | 1,100,000 gal |
| Item #                                                                     | Model        | Media<br>(Cu Ft) | Flow Rate  |            |            | Pressure Tank<br>Size (inches) | Pipe Size<br>(inches) | Media<br>Loaded | Shipping<br>Weight<br>(lbs) | Capacity      |
|                                                                            |              |                  | Service    | Peak       | Backwash   |                                |                       |                 |                             |               |
| CHLORAMINE REDUCTION FILTERS (AQUAFINE® CATALYTIC CARBON)                  |              |                  |            |            |            |                                |                       |                 |                             |               |
| 15550790                                                                   | HT765-075TOC | 0.75 ft³         | 3.5 US gpm | 5.0 US gpm | 3.5 US gpm | 8 x 44                         | 3/4"                  | Yes             | 50 lbs                      | 500,000 gal   |
| 15550791                                                                   | HT765-100TOC | 1.0 ft³          | 4.0 US gpm | 7.0 US gpm | 4.0 US gpm | 9 x 48                         | 3/4"                  | Yes             | 60 lbs                      | 750,000 gal   |
| 15550792                                                                   | HT765-150TOC | 1.5 ft³          | 5.0 US gpm | 8.0 US gpm | 5.0 US gpm | 10 x 54                        | 3/4"                  | Yes             | 78 lbs                      | 1,100,000 gal |

Not intended for treating water that is microbiologically unsafe or of unknown quality without adequate disinfection before or after the system.

Peak flow rates are intended for intermittent use only (10 minutes or less) and are for residential applications only. Do not use peak flow rate for commercial applications or for a continuous rate when treated water supplies are geothermal heat pump, swimming pool, etc. For satisfactory operation, the pumping rate of the well system must equal or exceed indicated backwash flow rate.

| ALL FILTERS              |                                      |
|--------------------------|--------------------------------------|
| REGENERATION TYPE        | DOWNFLOW (COCURRENT)                 |
| PLUMBING CONNECTIONS     | INCLUDES 3/4" 90° NPT ELBOWS         |
| ELECTRICAL REQUIREMENTS  | INPUT 120V 60 Hz - OUTPUT 12V 650mA  |
| WATER TEMPERATURE LIMITS | MIN 40° - MAX 110° F (4° - 43° C)    |
| WATER PRESSURE LIMITS    | MIN 30 - MAX 125 PSI (207 - 862 KPA) |

### DIMENSIONS

| HT765-DFTO/HT765-DFTO        | 075    | 100    | 150     |
|------------------------------|--------|--------|---------|
| TANK/VALVE<br>A x B (inches) | 52 x 8 | 56 x 9 | 62 x 10 |



- Homeowner's Manual
- Installation Guide
- Maintenance Guide
- Troubleshooting Guide
- Parts Breakdown
- Programming Guide
- Warranty



PROUD  
MEMBERS



Toll-Free: 877-288-9888 | [hydrotechwater.com](http://hydrotechwater.com) | Regina, SK • Cambridge, ON • Whitestown, IN • Houston, TX • Phoenix, AZ • Guadalajara, MX