

# Hydrotech<sup>®</sup>

## 785 Series Automatic Whole House Water Filter



### Problem Water Is No Problem!

When you install a whole-house automatic water filtration system your water problems will disappear. Rid your water of troublesome iron, sediment, bad tastes, stains, color and odors.



### Types of Filters:

**Manganese Greensand Plus Filters** – Iron, manganese and sulfur are oxidized into solids and trapped in the filter bed where they get flushed to the drain

**Birm Filters** - Remove soluble or precipitated iron without the use of expensive or messy chemicals

**Taste & Odor Filters** – Remove bad tastes and odors caused by chlorine & organics

**Neutralizing Filters** – Raise the pH of acidic water to neutralize corrosiveness and protect fixtures, pipes and appliances

**Multi-Media Filters** – Eliminate suspended sand and silt that makes water cloudy

**Nexsand Turbidity Filters** – Remove suspended solids, Ferric Hydroxide (Red Water Iron) or Sediment from your well or water system down to 5 Microns. Nexsand has proven extremely effective and will provide double the service flow of Multi Media or Sand Filters.

**Chloramines Removal Filters** – This two tank system uses special catalytically enhanced carbon and provides improved bed depth and contact time for more effective reduction of chloramines.



Clean, Clear  
and Odor  
Free



Part #	Model	Media Cu Ft	Flow Rate USGPM			pH Correction Range	Iron Removal Capacity (ppm)	KMnO4 Regen (oz)	Micron Rating	Mineral Tank Size	Pipe Size Inches	Ship Weight Lbs
			Service	Peak	Back-wash							
<b>Iron Filters - Manganese Greensand Plus</b>												
15550200	HT785IF-75	0.75	3.0	4.0	3.5		4,500	4.0	-	8 x 44	3/4" and 1"	113
15550207	HT785IF-100	1.00	3.0	5.0	4.0		6,000	4.0	-	9 x 48	3/4" and 1"	129
15550214	HT785IF-150	1.50	4.0	8.0	5.0		9,000	4.0	-	10 x 54	3/4" and 1"	179
15550221	HT785IF-200	2.00	5.0	10.0	7.0		12,000	8.0	-	12 x 52	3/4" and 1"	233
15550225	HT785IF-300	3.00	6.0	12.0	10.0		18,000	8.0	-	14 x 65	3/4" and 1"	352
Maximum Removal Amounts: Combination of Iron x 1, Manganese x 2, H2S x 3 = 10 ppm; Hydrogen Sulphide = 3.0 ppm; Iron (Ferrous) = 7.0 ppm; Manganese = 5.0 ppm; Bacterial Iron = 0.0 ppm; Min pH = 7.0												
<b>Iron Filters - Birm</b>												
15550227	HT785BM-75	0.75	3.0	4.0	3.5		-	-	-	8 x 44	3/4" and 1"	67
15550234	HT785BM-100	1.00	3.0	5.0	4.0		-	-	-	9 x 48	3/4" and 1"	79
15550241	HT785BM-150	1.50	4.0	8.0	5.0		-	-	-	10 x 54	3/4" and 1"	101
15550248	HT785BM-200	2.00	5.0	10.0	7.0		-	-	-	12 x 52	3/4" and 1"	121
15550252	HT785BM-300	3.00	6.0	12.0	10.0		-	-	-	14 x 65	3/4" and 1"	184
<b>Taste &amp; Odor Filters</b>												
15550254	HT785TO-75	0.75	3.5	5.0	3.5		-	-	-	8 x 44	3/4" and 1"	50
15550261	HT785TO-100	1.00	4.0	7.0	4.0		-	-	-	9 x 48	3/4" and 1"	60
15550268	HT785TO-150	1.50	5.0	8.0	5.0		-	-	-	10 x 54	3/4" and 1"	78
15550275	HT785TO-200	2.00	8.0	12.0	7.0		-	-	-	12 x 52	3/4" and 1"	95
15550279	HT785TO-300	3.00	10.0	15.0	10.0		-	-	-	14 x 65	3/4" and 1"	138
<b>Neutralizing Filters</b>												
15550356	HT785NU-75	0.75	2.0	3.5	3.5	6.0 - 6.9 TDS >200	-	-	-	8 x 44	3/4" and 1"	93
15550363	HT785NU-100	1.00	3.0	5.0	4.0	6.0 - 6.9 TDS >200	-	-	-	9 x 48	3/4" and 1"	120
15550370	HT785NU-150	1.50	5.0	8.0	5.0	6.0 - 6.9 TDS >200	-	-	-	10 x 54	3/4" and 1"	164
15550377	HT785NU-200	2.00	6.0	10.0	7.0	6.0 - 6.9 TDS >200	-	-	-	12 x 52	3/4" and 1"	207
15550381	HT785NU-300	3.00	7.0	12.0	10.0	6.0 - 6.9 TDS >200	-	-	-	14 x 65	3/4" and 1"	330
<b>Sediment Turbidity Multi-Media Filters</b>												
15550305	HT785MM-75	0.75	4.0	5.0	4.0		-	-	15 -20 µ	8 x 44	3/4" and 1"	79
15550312	HT785MM-100	1.00	5.0	7.0	5.0		-	-	15 -20 µ	9 x 48	3/4" and 1"	118
15550319	HT785MM-150	1.50	7.0	10.0	7.0		-	-	15 -20 µ	10 x 54	3/4" and 1"	144
15550326	HT785MM-200	2.00	10.0	12.0	10.0		-	-	15 -20 µ	12 x 52	3/4" and 1"	198
15550330	HT785MM-300	3.00	12.0	15.0	14.0		-	-	15 -20 µ	14 x 65	3/4" and 1"	342
<b>Nexsand Turbidity Filters</b>												
15550332	HT785NEX-75	0.75	4.0	6.0	5.0		-	-	3 - 5 µ	8 x 44	3/4" and 1"	90
15550339	HT785NEX-100	1.00	5.0	8.0	7.0		-	-	3 - 5 µ	9 x 48	3/4" and 1"	135
15550346	HT785NEX-150	1.50	8.0	10.0	10.0		-	-	3 - 5 µ	10 x 54	3/4" and 1"	205
15550353	HT785NEX-200	2.00	10.0	12.0	14.0		-	-	3 - 5 µ	12 x 52	3/4" and 1"	255
<b>Chloramines Reduction Filters (Catalytic Carbon) Dual Tank</b>												
15550281-1	HT785CLA-75	0.75	4.0	7.0	5.0					8 x 44	1/2" - 1"	100
15550288-1	HT785CLA-100	1.00	5.0	8.0	7.0					9 x 48	1/2" - 1"	120
15550295-1	HT785CLA-150	1.50	8.0	10.0	10.0					10 x 54	1/2" - 1"	155
15550302-1	HT785CLA-200	2.00	10.0	12.0	14.0					12 x 52	1/2" - 1"	190

\*MEDIA DOES NOT COME LOADED IN 12" FILTERS AND ABOVE

All Filters	
Plumbing Connections	3/4" 90° Elbows & 1" Straight NPT
Electrical Requirements	Input 120V 60 Hz - Output 12V 650mA
Water Temperature	Min 39 - Max. 100 degrees Fahrenheit
Water Pressure	Min. 20 - Max. 125 psi



# Hydrotech®

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