

# Hydrotech

## 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*



Model	Media Cu Ft	Flow Rate USGPM			Iron Remov- al Capacity (ppm)	KMnO4 Regen (oz)	Micron Rating	Mineral Tank Size	Pipe Size Inches	Ship Weight Lbs
		Service	Peak	Backwash						
<b>Iron Filters - Manganese Greensand Plus</b>										
HT785IF-75	0.75	3.0	4.0	3.5	4,500	4.0	-	8 x 44	3/4" and 1"	113
HT785IF-100	1.00	3.0	5.0	4.0	6,000	4.0	-	9 x 48	3/4" and 1"	129
HT785IF-150	1.50	4.0	8.0	5.0	9,500	4.0	-	10 x 54	3/4" and 1"	179
HT785IF-200	2.00	5.0	10.0	7.0	12,000	8.0	-	12 x 52	3/4" and 1"	233
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>										
HT785BM-75	0.75	3.0	4.0	3.5	-	-	-	8 x 44	3/4" and 1"	67
HT785BM-100	1.00	3.0	5.0	4.0	-	-	-	9 x 48	3/4" and 1"	79
HT785BM-150	1.50	4.0	8.0	5.0	-	-	-	10 x 54	3/4" and 1"	101
HT785BM-200	2.00	5.0	10.0	7.0	-	-	-	12 x 52	3/4" and 1"	121
HT785BM-300	3.00	6.0	12.0	10.0	-	-	-	14 x 65	3/4" and 1"	184
<b>Taste &amp; Odor Filters</b>										
HT785TO-75	0.75	4.0	5.0	3.5	-	-	-	8 x 44	3/4" and 1"	50
HT785TO-100	1.00	5.0	7.0	4.0	-	-	-	9 x 48	3/4" and 1"	60
HT785TO-150	1.50	7.0	10.0	5.0	-	-	-	10 x 54	3/4" and 1"	78
HT785TO-200	2.00	10.0	12.0	7.0	-	-	-	12 x 52	3/4" and 1"	95
HT785TO-300	3.00	12.0	15.0	10.0	-	-	-	14 x 65	3/4" and 1"	138
<b>Neutralizing Filters</b>										
HT785NU-75	0.75	2.0	3.5	3.5	-	-	-	8 x 44	3/4" and 1"	93
HT785NU-100	1.00	3.0	5.0	4.0	-	-	-	9 x 48	3/4" and 1"	120
HT785NU-150	1.50	5.0	8.0	5.0	-	-	-	10 x 54	3/4" and 1"	164
HT785NU-200	2.00	6.0	10.0	7.0	-	-	-	12 x 52	3/4" and 1"	207
HT785NU-300	3.00	7.0	12.0	10.0	-	-	-	14 x 65	3/4" and 1"	330
<b>Sediment Turbidity Multi-Media Filters</b>										
HT785MM-75	0.75	4.0	5.0	4.0	-	-	15 - 20 µ	8 x 44	3/4" and 1"	79
HT785MM-100	1.00	5.0	7.0	5.0	-	-	15 - 20 µ	9 x 48	3/4" and 1"	118
HT785MM-150	1.50	7.0	10.0	7.0	-	-	15 - 20 µ	10 x 54	3/4" and 1"	144
HT785MM-200	2.00	10.0	12.0	10.0	-	-	15 - 20 µ	12 x 52	3/4" and 1"	198
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>										
HT785NEX-75	0.75	4.0	6.0	5.0	-	-	3 - 5 µ	8 x 44	3/4" and 1"	90
HT785NEX-100	1.00	5.0	8.0	7.0	-	-	3 - 5 µ	9 x 48	3/4" and 1"	135
HT785NEX-150	1.50	8.0	10.0	10.0	-	-	3 - 5 µ	10 x 54	3/4" and 1"	205
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>										
HT785CLA-75	0.75	4.0	7.0	3.5				8 x 44	3/4" and 1"	100
HT785CLA-100	1.00	5.0	8.0	4.0				9 x 48	3/4" and 1"	120
HT785CLA-150	1.50	8.0	10.0	5.0				10 x 54	3/4" and 1"	155
HT785CLA-200	2.00	10.0	12.0	7.0				12 x 52	3/4" and 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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