

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

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							
Iron Filters - Manganese Greensand Plus												
15550200	HT785DF-075IF	0.75	3.0	4.0	3.5		4,500	4.0	-	8 x 44	3/4"	113
15550207	HT785DF-100IF	1.00	3.0	5.0	4.0		6,000	4.0	-	9 x 48	3/4"	129
15550214	HT785DF-150IF	1.50	4.0	8.0	5.0		9,000	4.0	-	10 x 54	3/4"	179
15550221	HT785DF-200IF	2.00	5.0	10.0	7.0		12,000	8.0	-	12 x 52	3/4"	233
15550225	HT785DF-300IF	3.00*	6.0	12.0	10.0		18,000	8.0	-	14 x 65	3/4"	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												
Iron Filters - Birm												
15550227	HT785DF-075BM	0.75	3.0	4.0	3.5		-	-	-	8 x 44	3/4"	67
15550234	HT785DF-100BM	1.00	3.0	5.0	4.0		-	-	-	9 x 48	3/4"	79
15550241	HT785DF-150BM	1.50	4.0	8.0	5.0		-	-	-	10 x 54	3/4"	101
15550248	HT785DF-200BM	2.00	5.0	10.0	7.0		-	-	-	12 x 52	3/4"	121
15550252	HT785DF-300BM	3.00*	6.0	12.0	10.0		-	-	-	14 x 65	3/4"	184
Taste & Odor Filters												
15550254	HT785DF-075TO	0.75	3.5	5.0	3.5		-	-	-	8 x 44	3/4"	50
15550261	HT785DF-100TO	1.00	4.0	7.0	4.0		-	-	-	9 x 48	3/4"	60
15550268	HT785DF-150TO	1.50	5.0	8.0	5.0		-	-	-	10 x 54	3/4"	78
15550275	HT785DF-200TO	2.00	8.0	12.0	7.0		-	-	-	12 x 52	3/4"	95
15550279	HT785DF-300TO	3.00*	10.0	15.0	10.0		-	-	-	14 x 65	3/4"	138
Neutralizing Filters												
15550356	HT785DF-075NU	0.75	2.0	3.5	3.5	6.0 - 6.9 TDS >200	-	-	-	8 x 44	3/4"	93
15550363	HT785DF-100NU	1.00	3.0	5.0	4.0	6.0 - 6.9 TDS >200	-	-	-	9 x 48	3/4"	120
15550370	HT785DF-150NU	1.50	5.0	8.0	5.0	6.0 - 6.9 TDS >200	-	-	-	10 x 54	3/4"	164
15550377	HT785DF-200NU	2.00	6.0	10.0	7.0	6.0 - 6.9 TDS >200	-	-	-	12 x 52	3/4"	207
15550381	HT785DF-300NU	3.00*	7.0	12.0	10.0	6.0 - 6.9 TDS >200	-	-	-	14 x 65	3/4"	330
Nexsand Turbidity Filters												
15550332	HT785DF-075NEX	0.75	4.0	7.0	5.0		-	-	3 - 5 µ	8 x 44	3/4"	90
15550339	HT785DF-100NEX	1.00	5.0	8.0	7.0		-	-	3 - 5 µ	9 x 48	3/4"	135
15550346	HT785DF-150NEX	1.50	8.0	10.0	10.0		-	-	3 - 5 µ	10 x 54	3/4"	205
15550353	HT785DF-200NEX	2.00*	10.0	12.0	14.0		-	-	3 - 5 µ	12 x 52	3/4"	255
Chloramines Reduction Filters (Catalytic Carbon) Dual Tank												
15550281-1	HT785DF-075CLA	0.75	4.0	7.0	5.0					8 x 44	3/4"	100
15550288-1	HT785DF-100CLA	1.00	5.0	8.0	7.0					9 x 48	3/4"	120
15550295-1	HT785DF-150CLA	1.50	8.0	10.0	10.0					10 x 54	3/4"	155
15550302-1	HT785DF-200CLA	2.00	10.0	12.0	14.0					12 x 52	3/4"	190

*Media not loaded in mineral tank.

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



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