



Filter Media

Activated Carbon

Removal of chlorine, sediment and organics

Agracleer

Removal of typical suspended matter

Acid Neutralizer

Neutralization of corrosive acidic water, increases alkalinity and pH

Manganese Greensand

Removal of both oxidized iron and iron in solution

Multi-Layer

Removal of both heavy sediment and suspended matter

Medias Available for Various Filtration Applications

Factory Assembled Diaphragm Valve Nest

Epoxy Lined, Steel Pressure Vessels

WTA54 Series Features

- Factory assembled individual diaphragm valve nest arrangement for control of the water flow through the system
- Four cycle stager operation for control of backwash, settle, fast rinse and service
- Automatic time clock controller
- Various filter medias available to fit most filtration applications
- Electric welded, low carbon steel pressure vessel with epoxy lining and prime coat exterior finishes
- Inlet and outlet pressure gauges and sampling cocks
- Automatic self-adjusting backwash flow control
- Choice of single, twin or triple systems

	Model Number	Pipe Size		Service Flow Rate						Backwash Flow Rate	Media Volume	Filter Tank Size	Floor Space Requirements			Shipping Weight
				Superior		High		Utility					Length	Depth	Height	
		Service	Drain	(gpm)	(Δp)	(gpm)	(Δp)	(gpm)	(Δp)	(gpm)	(cu.ft.)	(dia x height)				(in)
Activated Carbon	WTA54-AC20-10	1"	1"	9	1	13	2	20	3	20.0	5.0	20" x 54"	21	30	72	600
	WTA54-AC24-15	1-1/2"	1-1/2"	13	2	19	3	28	6	30.0	8.0	24" x 54"	25	34	73	810
	WTA54-AC30-15	1-1/2"	1-1/2"	20	3	30	4	44	7	40.0	12.0	30" x 54"	31	40	76	1140
	WTA54-AC36-20	2"	2"	29	2	43	4	64	7	70.0	18.0	36" x 60"	37	48	82	1750
	WTA54-AC42-20	2"	2-1/2"	39	3	58	6	87	9	90.0	24.0	42" x 60"	43	54	89	2400
Agraclear	WTA54-AG20-10	1"	1"	11	1	16	3	22	5	20.0	5.0	20" x 54"	21	30	72	580
	WTA54-AG24-15	1-1/2"	1-1/2"	16	3	24	5	318	6	30.0	8.0	24" x 54"	25	34	73	770
	WTA54-AG30-15	1-1/2"	2"	25	4	37	6	49	9	45.0	12.0	30" x 54"	31	40	76	1080
	WTA54-AG36-20	2"	2"	35	3	53	6	71	10	70.0	18.0	36" x 60"	37	48	82	1660
	WTA54-AG42-20	2"	2-1/2"	48	5	72	9	96	14	90.0	24.0	42" x 60"	43	54	89	2280
Acid Neutralizer	WTA54-AN20-10	1"	1"	8	1	11	1	14	3	20.0	5.0	20" x 54"	21	30	72	900
	WTA54-AN24-15	1-1/2"	1-1/2"	10	1	15	2	20	4	35.0	8.0	24" x 54"	25	34	73	1280
	WTA54-AN30-15	1-1/2"	2"	16	2	23	4	30	6	55.0	12.0	30" x 54"	31	40	76	1840
	WTA54-AN36-20	2"	2"	22	1	33	3	44	5	70.0	18.0	36" x 60"	37	48	82	2810
	WTA54-AN42-20	2"	2-1/2"	30	2	45	4	60	7	90.0	24.0	42" x 60"	43	54	89	3810
Manganese Greensand	WTA54-MG20-10	1"	1"	10	3	13	6	18	8	20.0	5.0	20" x 54"	21	30	72	870
	WTA54-MG24-15	1-1/2"	1-1/2"	13	5	19	7	25	10	30.0	8.0	24" x 54"	25	34	73	1240
	WTA54-MG30-15	1-1/2"	2"	20	3	30	6	40	9	45.0	12.0	30" x 54"	31	40	76	1780
	WTA54-MG36-20	2"	2"	29	2	43	4	58	6	70.0	18.0	36" x 60"	37	48	82	2720
	WTA54-MG42-20	2"	2-1/2"	39	5	58	9	77	13	90.0	24.0	42" x 60"	43	54	89	3690
Multi-Layer Depth	WTA54-ML20-15	1-1/2"	1-1/2"	22	3	33	6	44	10	30.0	4.8	20" x 54"	21	30	72	950
	WTA54-ML24-15	1-1/2"	2"	32	5	48	9	63	15	45.0	6.9	24" x 54"	25	34	73	1290
	WTA54-ML30-15	2"	2"	49	6	74	13	98	20	70.0	10.7	30" x 54"	31	40	76	1890
	WTA54-ML36-20	2"	3"	71	5	106	10	142	15	100.0	15.2	36" x 60"	37	48	82	2790
	WTA54-ML42-20	2-1/2"	3"	96	7	144	13	192	20	140.0	20.9	42" x 60"	43	54	89	3850

Operating Parameters

Pressure 30 ó 100 psig
 Vacuum None
 Temperature 40 ó 100 °F
 Electrical 120V ó 60 Hz

- Tank warranty is void if subject to vacuum
- Consult factory for optional operating parameters



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