

Yardney Deep Bed Sand Media filters are designed for the most challenging dirty water conditions with a high performance solution for water filtration down to 15 microns. These durable carbon steel filters utilize a 36" vertical side shell depth for removal of organic and inorganic suspended solids for filtering large volumes of water with very little pressure drop and a long-term value. All Yardney industrial media filters utilize our simple backwash system for ease of operation and consistent water quality.



Applications

- Removal of organic and/or inorganic suspended solids down to 15 microns
- 80 psi standard operating pressure (high pressure systems available)
- Storm water runoff, industrial process water, incoming plant water, waste water clean-up, industrial water for plant reuse

Advantages

- State of the art fabrication provides added strength under pressure and long system life
- ASME code shaped head construction for durability and safety
- Stainless steel wedgewire underdrain
 - Ensures structural integrity in the harshest conditions
 - Hydraulically balanced to increase effectiveness of backwash while reducing flush frequency and waste of water
 - High strength stainless steel wedgewire will withstand a collapse pressure in excess of 600 psi
- Standard carbon steel products, 3/16" thick material
- Backwash automatically initiated by elapsed time or pressure differential
- Yardney easy-entry lid closure with weld tabs for operator safety
- Available in welded carbon steel or stainless steel
- 3M Scotchkote® 134 fusion bonded epoxy coating on interior surfaces
- Made in USA

Deep Bed Sand Media Filters Specifications

SPECIFICATIONS INDUSTRIAL DEEP BED SAND MEDIA FILTERS													
Model	Number of Tanks in System	Standard Flow Range				Filtration Surface Area (total sq ft)	Backwash Flow Rate (per tank)		Media Requirements (cubic feet)		Maximum Pressure	Inlet/Outlet Pipe Size	Backwash Line Pipe Size
		Minimum		Maximum			gpm	m ³ /hr	Gravel 1/2" - 3/4"	Media			
		gpm	m ³ /hr	gpm	m ³ /hr								
IL-1836-1A	1	18	4	26	6	1.75	26	6	1	5	100	2"	2"
IL-2436-1A	1	32	7	47	11	3.15	47	11	2	8	100	2"	2"
IL-1836-2A	2	35	8	53	12	3.50	26	6	2	9	100	3"	2"
IL-3036-1A	1	49	11	74	17	4.91	74	17	3	12	100	3"	3"
IL-1836-3A	3	53	12	79	18	5.25	26	6	3	14	100	3"	2"
IL-2436-2A	2	63	14	95	22	6.30	47	11	3	15	100	3"	2"
IL-3636-1A	1	71	16	107	24	7.10	107	24	4	17	100	3"	3"
IL-2436-3A	3	95	22	142	32	9.45	47	11	5	23	100	3"	2"
IL-3036-2A	2	98	22	147	33	9.82	74	17	5	24	100	4"	2"
IL-4836-1A	1	126	29	189	43	12.60	189	43	7	34	80	4"	4"
IL-3636-2A	2	142	32	213	48	14.20	107	24	8	34	100	4"	4"
IL-3036-3A	3	147	33	221	50	14.73	74	17	8	36	100	4"	2"
IL-3636-3A	3	213	48	320	73	21.30	107	24	12	51	100	4"	4"
IL-4836-2A	2	252	57	378	86	25.20	189	43	14	67	80	6"	4"
IL-4836-3A	3	378	86	567	129	37.80	189	43	21	101	80	6"	4"
IL-4836-4A	4	504	115	756	172	50.40	189	43	28	134	80	8"	4"
IL-4836-5A	5	630	143	945	215	63.00	189	43	35	168	80	10"	4"
IL-4836-6A	6	756	172	1134	258	75.60	189	43	42	201	80	10"	4"

Standard product includes:

- Completely assembled for easy installation
- Skid mounted tanks
- Yardney easy-entry lid closure with side manway
- Valves
- Inlet/outlet and backwash manifolds
- Controller, solenoids, electrical wire, tubing
- Removable underdrain
- 3M Scotchkote® 134 fusion bonded epoxy coating on interior surfaces

Available options:

- ASME code
- High pressure
- Solar package
- PLC controller
- Custom filter station layout piping
- Air scour



Made in USA

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