

HH SERIES - 36"

High-Rate Horizontal Steel Tank

Commercial Sand Filters

HH SERIES

FILTER APPLICATIONS

- Commercial Pools
- Institutional & Recreational Pools
- Industrial & Municipal water Treatment
- Waterparks
- Aquatic Amusement Parks
- Aquariums & Zoos
- Industrial Filtration
- Potable Water Systems
- Aquaculture
- Groundwater Remediation
- Irrigation
- Agriculture

TANK CONSTRUCTION

- Heavy Duty Carbon Steel Tank construction precision welded utilizing fully automatic submerged arc welding process.
- Tank heads are ¼ inch and up, with SA-516-70 carbon steel.
- Tank side walls are ¼ inch and up, constructed using SA-36 carbon steel.
- Factory installed sacrificial anodes to extend the life span of all HH Series Filters.
- Victolic Clamp type Fittings and connections, no threaded fittings.
- Interior Tank Coating with Prorated 5 year warranty.
- 11"x15" Man-way.
- 4" Media dump port and winterizing drain.
- NSF listed Tank design.

INCLUDED

- Schedule 80 PVC Face Piping using corrosion resistant butterfly valves with nylon coated discs.
- Backwash Valves are Heavy Bronze with External Grease fittings.
- Gauge Panel with two 4½" 0-60 psi gauges with Backwash sight glass.
- Schedule 80 PVC Header Manifolds are hydraulically engineered and factory installed with flanged connections.
- Schedule 40 PVC 1¼" Underdrain Laterals, machine slotted and factory installed with LIFETIME WARRANTY (Sch. 80 PVC also available).

TANK OPTIONS

- HH Series filters available in all grades of Carbon and Stainless Steel.
- Tank Coatings
- Ozone resistant linings available
- Single Lever backwash controls
- Automatic Control Panels
- ASME Code vessels available

****HH Series Filters can be Custom built to meet any design requirement**

HH SERIES 36" HORIZONTAL STEEL TANK HI-RATE SAND FILTERS -- FILTER PERFORMANCE SPECIFICATIONS --								
Filter Model Number	NO. OF TANKS	Face Piping Size	Filter Area (SQ.FT.)	Flow Rate 15 GPM	Flow Rate 20 GPM	Flow Rate GPH (15 GPM) 6 Hr. / 8 Hr.	Flow Rate GPH (20 GPM) 6 Hr. / 8 Hr.	Weight
HH 3614-A HH 3614-M	1	4"	13.5	202	270	73,080 / 97,440	97,200 / 129,600	1050 1000
HH 3624-A HH 3624-M	2	4"	27	405	***	145,800 / 194,400	194,400 / 259,200	1800 1700
HH 3626-A HH 3626-M	2	6"	27	405	540	145,800 / 194,400	194,400 / 259,200	1840 1740
HH 3636-A HH 3636-M	3	6"	40.5	608	810	218,800 / 291,840	291,600 / 388,800	2600 2500
HH 3638-A HH 3638-M	3	8"	40.5	608	810	218,800 / 291,840	291,600 / 388,800	2800 2700
HH 3646-A HH 3646-M	4	6"	54	810	***	291,600 / 388,800	388,800 / 518,400	3350
HH 3648-A HH 3648-M	4	8"	54	810	1080	291,600 / 388,800	388,800 / 518,400	3450
HH 3656-A HH 3656-M	5	6"	67.5	675	***	364,680 / 486,240	486,000 / 648,000	4200
HH 3658-A HH3658-M	5	8"	67.5	1013	1350	364,680 / 486,240	486,000 / 648,000	4400
HH 3666-A HH 3666-M	6	6"	81	810	***	437,400 / 583,200	583,200 / 777,600	4850
HH 3668-A HH 3668-M	6	8"	81	1215	***	437,400 / 583,200	583,200 / 777,600	4950
HH 36610-A HH 36610-M	6	10"	81	1215	1620	437,400 / 583,200	583,200 / 777,600	5050
HH 36678-A HH 36678-M	7	8"	94.5	1418	***	510,480 / 680,640	684,400 / 907,200	5750
HH 36710-A HH 36710-M	7	10"	94.5	1418	1890	510,480 / 680,640	684,400 / 907,200	5800
HH 36810-A HH 36810-M	8	10"	108	1620	2160	583,200 / 777,600	777,600 / 1,036,800	6500

**HH SERIES 36" STEEL TANK
HORIZONTAL HI-RATE SAND FILTER
-- PHYSICAL DIMENSIONS --**

Filter Model Number	NO. OF TANKS	Face Piping Size	Tank Dia.	Tank Length	System Width	Weight
HH 3614	1	4"	36"	5' 10"	36"	1050 1000
HH 3624 HH 3626	2	4"- 6"	36"	5' 10"	6'4"	1800 1700
HH 3636 HH 3638	3	6"- 8"	36"	5' 10"	9'8"	2600 2500
HH 3646 HH 3648	4	6"- 8"	36"	5' 10"	13'	3350
HH 3656 HH 3658	5	6"- 8"	36"	5' 10"	16'3"	4200
HH 3666 HH 3668 HH 36610	6	6"- 8"-10"	36"	5' 10"	19'7"	4850
HH 3678 HH 36710	7	8"-10"	36"	5' 10"	23'	5750
HH 36810	8	10"	36"	5' 10"	26'	6500

**HH FILTER SERIES
-- FILTER MEDIA SPECIFICATIONS --**

Filter Model Number	Gravel 1/8"- 1/4" (CU.FT.)	Filter Sand #20 (CU.FT.)	Sand Bed Depth
VCOM 42	6	22	36"
VCOM 47	10	25	36"
VCOM 55	14	30	36"
VCOM 63	16	40	36"
VCOM 71	28	50	36"
VCOM 79	33	62	36"
VCOM 93	47	112	36"