

VCOM-NP SERIES 42" To 93"
Vertical Composite
High-Rate Commercial Sand Filter
Filter with Internals Only / No Face Piping

VCOM 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

FILTER CONSTRUCTION

- Non-Corrosive Fiberglass Composite Construction, filament wound with polyester resin.
- Polyester Gel-Coat Interior Coating for superior corrosion resistance against abrasion from sand or salt water.
- 36" of Media Bed Depth.
- 50 psi working pressure, tested at 75psi (Available with 100 psi working pressure, tested at 150 psi)
- Full 15 year warranty.
- NSF Standard 50 Listed.
- Automatic Air Release and Emergency relief valves.
- 16" Man-way.
- 4" Media dump port and winterizing drain.
- Water Drain ¾" with screen.

INCLUDES

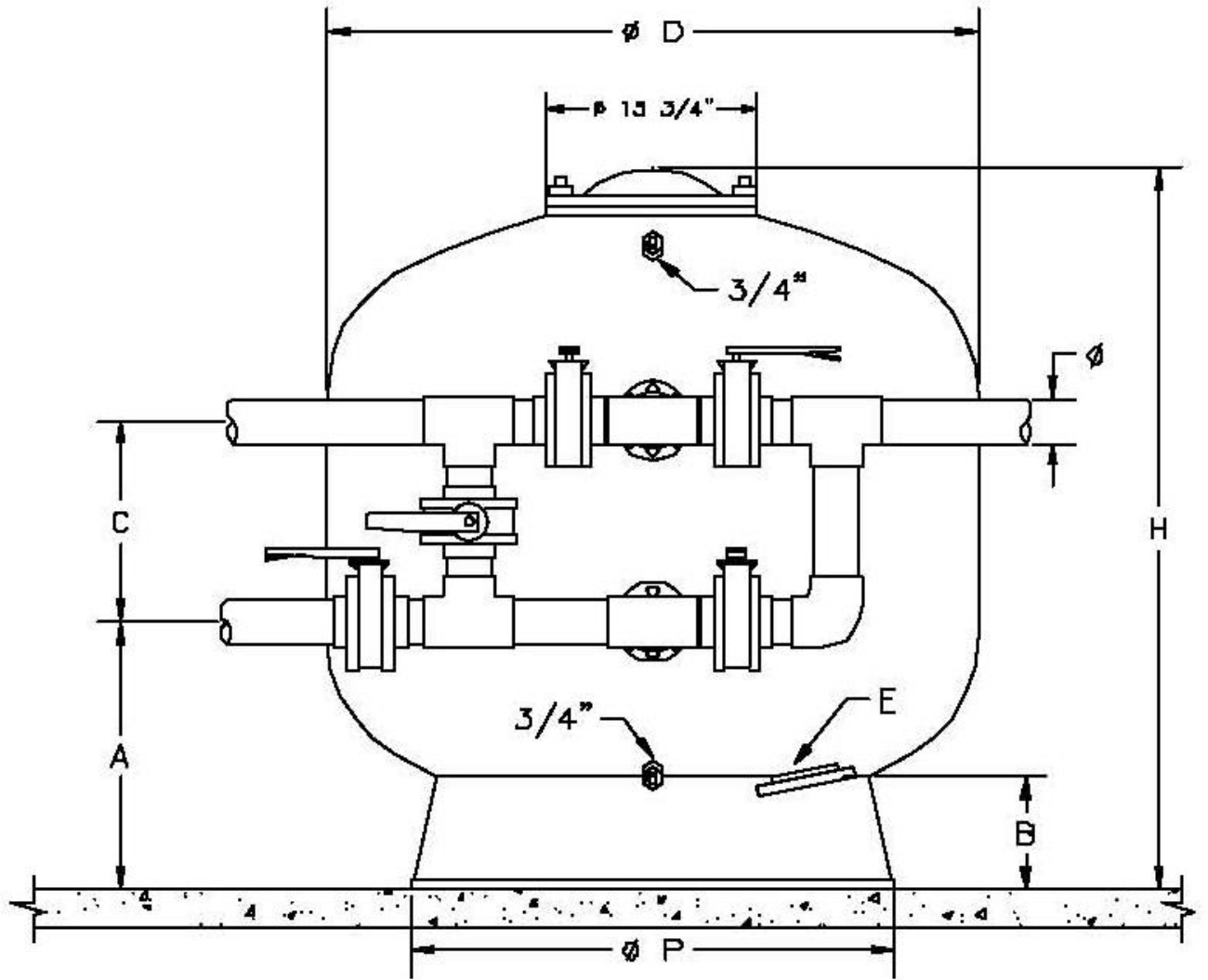
- Schedule 80 PVC Header Manifolds are hydraulically engineered and factory installed with flanged connections.
- Schedule 40 PVC 1¼" Underdrain Laterals, machine slotted 360° design, factory installed with LIFETIME WARRANTY (Sch. 80 PVC also available)

TANK OPTIONS

- Schedule 80 PVC Face Piping using corrosion resistant butterfly valves with nylon coated discs.
- Gauge Panel with two 4½" 0-60 psi gauges with Backwash sight glass.
- Single Lever Backwash Kit.
- Automatic Backwash Controls.
- Optional Interior Coatings include Epoxy, Vinyl Ester and Rubber for extended 15 year Prorated warranty.
- Skid Mounted Filter Systems.
- Various Filter Media's available.
- Industrial Pumps and Pump Strainer.

VCOM-NP SERIES -- FILTER PERFORMANCE SPECIFICATIONS --							
Filter Model Number	Tank Dia.	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.
VCOM 42-3	42"	3"	9.32	139	186	50,040 / 66,720	66,960 / 89,280
VCOM 47-4	47"	4"	12.17	182	244	65,820 / 87,630	87,840 / 117,120
VCOM 55-4	55"	4"	16.56	249	332	89,640 / 119,520	119,520 / 159,360
VCOM 63-4	63"	4"	21.63	325	***	117,000 / 156,000	***
VCOM 63-6	63"	6"	21.63	***	432	***	155,520 / 207,360
VCOM 71-6	71"	6"	27.38	410	546	149,600 / 196,800	176,560 / 262,080
VCOM 79-6	79"	6"	33.8	507	676	182,520 / 243,360	243,360 / 324,470
VCOM 93-6	93"	6"	46.69	699	699	251,781 / 335,708	***
VCOM 93-8	93"	8"	46.69	***	932	***	335,708 / 447,611

Please Note: Face Piping Size will determine Flow Rates



**VCOM-NP SERIES
-- PHYSICAL DIMENSIONS --**

Filter Model Number	Face Piping Size	D	H	A	B	C	P	E	Filter Ship Weight (Lbs.)
VCOM 42-3NP	3"	42"	65"	21 1/4"	8"	25 3/8"	29 1/2"	3"	445
VCOM 47-4NP	4"	47"	70"	22 1/2"	9"	25 1/4"	37"	3"	555
VCOM 55-4NP	4"	55"	71"	23"	9 1/2"	24"	42 1/2"	3"	640
VCOM 63-4NP	4"	63"	72"	26 3/4"	10"	20 5/16"	48"	5"	795
VCOM 63-6NP	6"	63"	72"	26 3/4"	10"	20 5/16"	48"	5"	795
VCOM 71-6NP	6"	71"	73 3/4"	28 3/8"	11"	18 5/16"	54"	5"	905
VCOM 79-6NP	6"	79"	80 1/2"	31"	11 7/8"	20"	61"	5"	1015
VCOM 93-6NP	6"	93"	98"	38"	13 1/4"	24"	72"	5"	1318
VCOM 93-8NP	8"	93"	98"	38"	13 1/4"	24"	72"	5"	1318

**VCOM-NP 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"