

# **VCOM-SINGLE SERIES 42" To 93"**

## **Vertical Composite**

### **High-Rate Commercial Sand Filter**

#### ***VCOM SERIES***

#### ***FILTER APPLICATIONS***

- **Commercial Pools**
- **Institutional & Recreational Pools**
- **Industrial & Municipal Water Treatment**
- **Aquatic Amusement Parks**
- **Aquariums & Zoos**
- **Industrial Filtration**
- **Potable Water Systems**
- **Aquaculture**
- **Groundwater Remediation**
- **Irrigation**
- **Agriculture**
- **Fountains and Water Features**

#### ***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 air relief valves.**
- **16" Man-way.**
- **4" Media dump port and winterizing drain.**
- **Water Drain ¾" with screen.**

## ***VCOM SERIES INCLUDES***

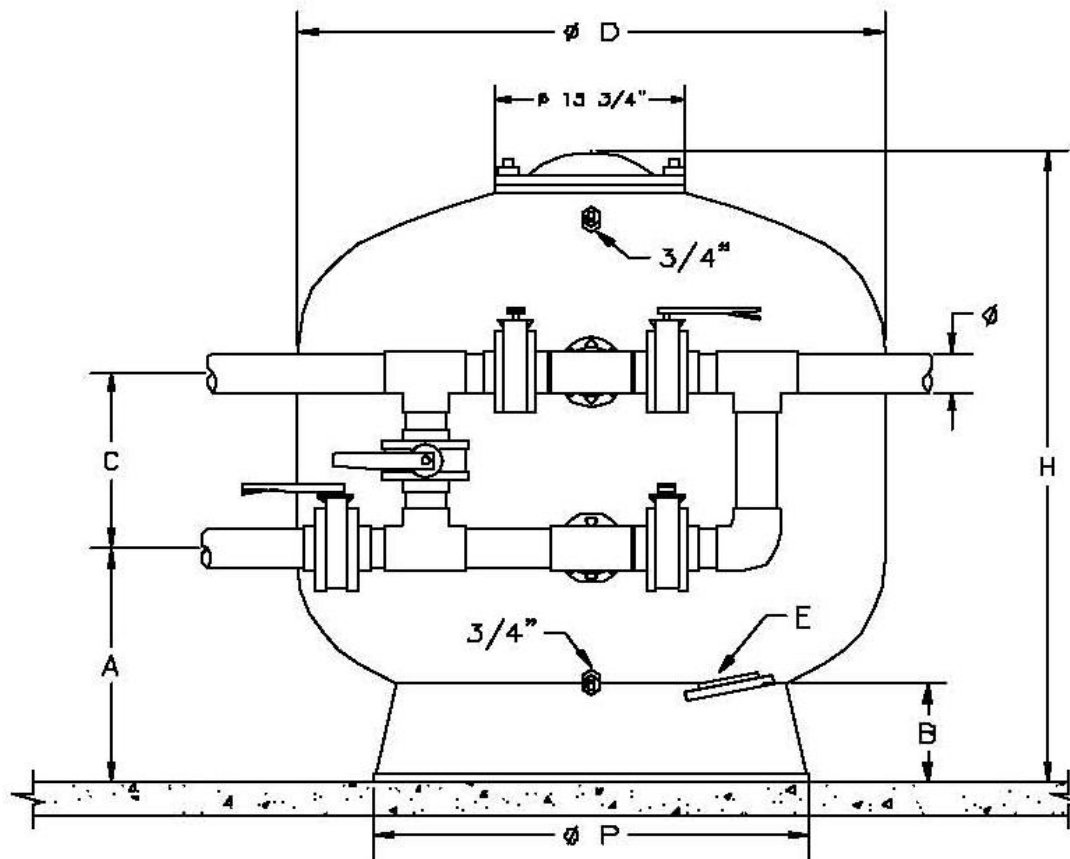
- Schedule 80 PVC Face Piping using corrosion resistant butterfly valves with nylon coated discs.
- Gauge Panel with two 4½" 0-60 psi gauges with Backwash sight glass.
- Schedule 80 PVC Header Manifolds are hydraulically engineered and factory installed with flanged connections.
- Schedule 40 PVC 1¼" Underdrain Laterals, machine slotted 360° design, factory installed with LIFETIME WARRANTY (Sch. 80 PVC also available).

## ***TANK OPTIONS***

- Single Lever Manual Backwash Controls.
- 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 SERIES- HI-RATE VERTICAL COMPOSITE SAND FILTER SINGLE TANK SYSTEMS -- 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



**VCOM SERIES  
SINGLE TANK SYSTEMS  
-- PHYSICAL DIMENSIONS --**

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

**VCOM SERIES  
-- FILTER MEDIA SPECIFICATIONS --**

<b>Filter Model Number</b>	<b>Gravel 1/8" - 1/4" (CU.FT.)</b>	<b>Filter Sand #20 (CU.FT.)</b>	<b>Sand Bed Depth</b>
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"