



Model	Unit	VC-50	VC-75	VC-100	VC-140	VC-200	VC-280	VC-350	VC-600
Number of Vessels	#	1	1	1	1	2	2	1	1
Capacity	Gpm	50	75	100	140	200	280	350	600
	m3/h	11.5	17.2	23	32.2	46	64.4	80.5	138
Min Flow Rate	Gpm	22	33	50	70	100	140	140	240
	m3/h	5.1	7.6	11.5	16.1	23	32.2	32.2	55.2
Backwash Flow Rate	Gpm	22	35	50	70	50	70	75	150
	m3/h	5.1	8.1	11.5	16.1	11.5	16.1	17.2	34.5
Vessel	in	20 x 53	24 x 55	30 x 63	36 x 68	30 x 63	36 x 68	36 D x 61 L	36 D x 101 L
Dimensions (D x H)	mm	508 x 1346	609 x 1397	762 x 1600	914 x 1727	762 x 1600	914 x 1727	914 D x 1549 H	914 D x 2565 H
		36 x 49.5 x	36 x 52.2 x	36 x 58.4 x	36 x 77.5 x				
Dimensions (L x W x H)  Operating Weight  Shipping/ Dry	in	71	71	71	77.5	64 x 65 x 72.5	65 x 65 x 72.5	57.2 x 99.4 x 66.8	73 x 101 x 66.8
	mm	914x1257x	914x1325x	914x1484x	914x1969x	1626x1651x1841	1651x1651x1841	1453x2525x1697	1854x2565x1697
	lbs	1803 1404	1803 1796	1803 3019	1969 4362	5846	8491	4815	8458
	Kgs	631.8	808.2	1358.55	1962.9	2630.7	3820.95	2166.75	3806.1
	lbs	1154	1462	2435	3320	4678	6407	3339	5918
weight  Pump Motor Output	Kgs	519.3	657.9	1095.75	1494	2105.1	2883.15	1502.55	2663.1
	Hp	1.5	2	3	3	5	7.5	7.5	15
	KW	1.1	1.5	2.2	2.2	3.7	5.6	5.6	11.1
FLA	Amps	3	3.4	4.8	4.8	7.6	11	11	21
ILA	Amps	3	3.4	4.0		Mechanical		11	21
Vessel Pressure	Psi	175	150	150	125	150	125	145	145
Rating	Bar	12	10.2	10.2	8.5	10.2	8.5	10	10
Vessels		Stainless Steel 304 stamped ASME Sec. VIII, Div. 1  - National Board Registered  Carbon Steel stamped with ASME Sec. VIII, Div. 1  National Board Registered							
Vessel Coating		N/A Interior Finish: Powder Coat							
		Exterior Finish: Polyester Coat  10 min - 70 max							
Pump Inlet Pressure		0.7 min – 4.7 max							
	Bar Psi	0.7 min - 4.7 max 30 min - 100 max							
Backwash Inlet Pressure		2 min – 6.8 max							
DG.		Stainless Steel SS304 *							
Face Piping System ° F		35 min - 200 max							
Temperature	°C	1.67 min - 93.3 max							
Rating	· ·								
Valves		Automatic valves with motorized electrical actuators (NEMA 4)  Carbon steel with urethane coating							
Skid Material					Con	nections Sizes	uretriane coating		
	Unit	VC-50	VC-75	VC-100	VC-140	VC-200	VC-280	VC-350	VC-600
Raw Water Inlet	in	1.25	1.5	1.5	2	2.5	4	4	4
Filtered Water Outlet  Backwash Inlet	mm	31.7	38.1	38.1	50.8	63.5	101.6	101.6	101.6
	in	1.5	2	2	3	3	4	4	6
	mm	38.1	50.8	50.8	76.2	76.2	101.6	101.6	152.4
	in	1.5	1.5	1.5	2	1.5	2	3	4
Da alassad	mm	38.1	38.1	38.1	50.8	38.1	50.8	76.2	101.6
Backwash Outlet	in	1.5	1.5	1.5	2	1.5	2	2	3
Outilet	mm	38.1	38.1	38.1	50.8	38.1 Electrical	50.8	50.8	76.2
					.,				
Control Panel				Siemens S				ver and Control Panels)	
Pump Motor Class		TEPE (Totally Enclosed Fan-Cooled, Premium Efficiency)							
Feed Voltage		460 VAC, 3 phase, 60 Hz							
Dry Contacts Controls Integration		Alarm Status / Backwash Status (Run Status Optional)  BACnet, Modbus® TCP/IP, Modbus® RTU							

Modbus is a registered trademark of Schneider Electric USA, Ltd.

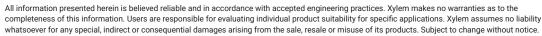
\* Suitable for outdoor installation.

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