



Model Number of	Unit	VC-50	VC-75	VC-100	VC-140	VC-200	VC-280	VC-350	VC-600	
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	
Dimensions (L x W x H)	in	36 x 49.5 x	36 x 52.2 x 71	36 x 58.4 x 71	36 x 77.5 x 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 1803	914x1325x 1803	914x1484x 1803	914x1969x 1969	1626x1651x1841	1651x1651x1841	1453x2525x1697	1854x2565x1697	
Operating Weight	lbs	1404	1796	3019	4362	5846	8491	4815	8458	
	Kgs	631.8	808.2	1358.55	1962.9	2630.7	3820.95	2166.75	3806.1	
Shipping/ Dry weight	lbs	1154	1462	2435	3320	4678	6407	3339	5918	
	Kgs	519.3	657.9	1095.75	1494	2105.1	2883.15	1502.55	2663.1	
Pump Motor	Нр	1.5	2	3	3	5	7.5	7.5	15	
Output	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	
	<u> </u>				١	Mechanical	l			
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		- National boat d Negistered N/A						Interior Finish: Powder Coat Exterior Finish: Polyester Coat		
Pump Inlet Psi		10 min - 70 max								
Pressure	Bar	0.7 min – 4.7 max								
Backwash Inlet	Psi	30 min - 100 max								
Pressure	Bar	2 min – 6.8 max								
Face Piping		Stainless Steel SS304 *								
System	° F	35 min - 200 max								
Temperature Rating	° C	1.67 min - 93.3 max								
Valves		Automatic valves with motorized electrical actuators (NEMA 4)								
Skid Material		Carbon steel with urethane coating								
					Con	nections Sizes				
	Unit	VC-50	VC-75	VC-100	VC-140	VC-200	VC-280	VC-350	VC-600	
Raw Water	in	1.25	1.5	1.5	2	2.5	4	4	4	
Inlet	mm	31.7	38.1	38.1	50.8	63.5	101.6	101.6	101.6	
Filtered Water Outlet	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	
Backwash Inlet	in	1.5	1.5	1.5	2	1.5	2	3	4	
	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	
	mm	38.1	38.1	38.1	50.8	38.1	50.8	50.8	76.2	
						Electrical				
Control Panel				Siemens S	7/1200 PLC wi	th Siemens HMI 4"/1	101 mm (Separate Pow	ver and Control Panels)		
Pump Motor Class		TEPE (Totally Enclosed Fan-Cooled, Premium Efficiency)								
Feed Voltage		460 VAC, 3 phase, 60 Hz								
Dry Contacts			Alarm Status / Backwash Status (Run Status Optional)							
Controls Integrati	on						CP/IP, Modbus® RTU	•		
(Optional)										

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

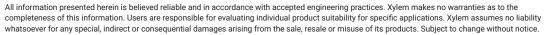
\* Suitable for outdoor installation.

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