



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	Gpm	22	35	50	70	50	70	75	150
Rate	m3/h	5.1	8.1	11.5	16.1	11.5	16.1	17.2	34.5
Vessel Dimensions (D x H)	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
	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
	1	36 x 49.5 x	36 x 52.2 x	36 x 58.4 x	36 x 77.5 x	/4/570.5	/F /F 70 F	F7.000.4// 0	72 101 / / 0
Dimensions (L x W x H)	in mm	71 914x1257x	71 914x1325x	71 914x1484x	77.5 914x1969x	64 x 65 x 72.5 1626x1651x1841	65 x 65 x 72.5 	57.2 x 99.4 x 66.8 1453x2525x1697	73 x 101 x 66.8 1854x2565x1697
	lbs	1803 1404	1803 1796	1803 3019	1969 4362	5846	8491	4815	8458
Weight	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
		519.3	657.9	1095.75	1494	2105.1	2883.15	1502.55	2663.1
	Kgs Hp	1.5	2	3	3	5	7.5	7.5	15
Pump Motor Output	ΚW	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
TLA	Allips	3	3.4	4.0		Mechanical	•••	- 11	21
		1	1	1	T	T			
Vessel Pressure Rating	Psi	175	150	150	125	150	125	145	145
	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 Interior Finish: Powder Coat	
Vessel Coating		N/A Exterior Finish: Polyester Coat							
Pump Inlet	Psi	10 min - 70 max							
Pressure	Bar	0.7 min – 4.7 max							
Backwash Inlet Pressure	Psi	30 min - 100 max							
	Bar	2 min – 6.8 max							
Face Piping		Stainless Steel SS304 *							
System Temperature	°F	35 min - 200 max							
Rating	° C	1.67 min - 93.3 max							
Valves		Automatic valves with motorized electrical actuators (NEMA 4)							
Skid Material					Con	Carbon steel with nections Sizes	urethane coating		
	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	01 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 Integration		BACnet, Modbus® TCP/IP, Modbus® RTU							
(Optional)		d tradomark of Schnoider Flortric IISA 1td							

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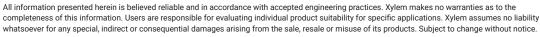
\* Suitable for outdoor installation.

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