



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
		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)	in	71 914x1257x	71 914x1325x	71 914x1484x	77.5 914x1969x	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	1803	1803	1803	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
					N	Mechanical			
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			Stai	nless Steel 304	stamped ASIV	ME Sec. VIII, Div. 1		Carbon Steel stamped wi	
		- National Board Registered						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	° F	35 min - 200 max							
Temperature	°C	1.67 min - 93.3 max							
Rating Valves		Automatic valves with motorized electrical actuators (NEMA 4)							
Skid Material		Carbon steel with urethane coating							
SKIG IVIATORIAI					Con	nections Sizes	aretriarie ecating		
	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 Backwash Inlet	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
	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
	111111	JU. I	JU. I	JU, I		Electrical	50.0	30.0	70.2
				Clare			01 mana (Co	on and Control Develo	
Control Panel	_			siemens s			Cooled, Premium Effici	er and Control Panels)	
	Pump Motor Class				TEPE (II	,		ency)	
Feed Voltage		460 VAC, 3 phase, 60 Hz Alarm Status / Backwash Status (Run Status Optional)							
Dry Contacts					Alarm	oratas / Rackmash 21	ıatus (kun Status Optio	וומון	
Controls Integration	on					DACnot Madhine To	CP/IP, Modbus® RTU		

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

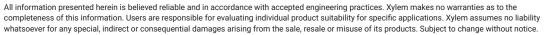
* Suitable for outdoor installation.

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