



Martin	l la la								
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
Min Flow Rate	m3/h	11.5	17.2	23	32.2	46	64.4	80.5	138
	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 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
Dimensions (L x W x H)	in	36 x 49.5 x	36 x 52.2 x	36 x 58.4 x	36 x 77.5 x	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	71 914x1257x 1803	71 914x1325x 1803	71 914x1484x 1803	77.5 914x1969x 1969	1626x1651x1841	1651x1651x1841	1453x2525x1697	1854x2565x1697
Operating	lbs	1404	1796	3019	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
	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
					1	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		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 Pump Inlet	Psi	N/A Exterior Finish: Polyester Coat 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		,	
					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
	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 Inlet		1.5	1.5	1.5	2	1.5	2	2	3
	in				50.8	38.1	50.8	50.8	76.2
Backwash Inlet Backwash Outlet	mm	38.1	38.1	38.1	30.6	30.1			
Backwash		38.1	38.1	38.1	30.8	Electrical			
Backwash Outlet		38.1	38.1			Electrical	01 mm (Separate Pov	ver and Control Panels)	
Backwash Outlet Control Panel	mm	38.1	38.1		7/1200 PLC wi	Electrical th Siemens HMI 4"/1	01 mm (Separate Pov Cooled, Premium Effic	ver and Control Panels)	
Backwash Outlet Control Panel Pump Motor Class	mm	38.1	38.1		7/1200 PLC wi	Electrical th Siemens HMI 4"/1	Cooled, Premium Effic		
Backwash Outlet Control Panel	mm	38.1	38.1		7/1200 PLC wi TEPE (T	Electrical th Siemens HMI 4"/1 otally Enclosed Fan-0 460 VAC, 3 p	Cooled, Premium Effic	iency)	

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

* Suitable for outdoor installation.

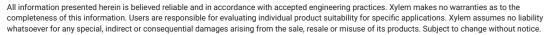
© 2021 EWT

f in $X \square \bigcirc$











xylem.com