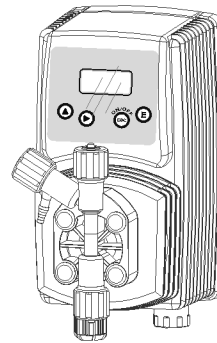


## Configuration

Wall mounted metering pump with display, microprocessor technology and digital controls.



MODELS		
MF	"VMS MF"	Digital multifunction pump (Constant, Divide, Multiply, PPM, Batch, Volt, mA), with level control.
PH	"VMS PH"	Proportional pump driven by internal built-in pH meter (0÷14pH) with level control (supplied without pH probe).
RH	"VMS RH"	Proportional pump driven by internal built-in orp meter (0÷1000mV) with level control (supplied without Redox probe).

CAPACITIES			HOSE
2001	1 l/h against 20 bar	0.26 GPH against 290 PSI	4x8
1802	2 l/h against 18 bar	0.52 GPH against 261 PSI	4x8
1804	4 l/h against 18 bar	1.05 GPH against 261 PSI	4x8
1502	2 l/h against 15 bar	0.52 GPH against 217 PSI	4x6
1504	4 l/h against 15 bar	1.05 GPH against 217 PSI	4x6
1505	5 l/h against 15 bar	1.32 GPH against 217 PSI	4x6
1004	4 l/h against 10 bar	1.05 GPH against 145 PSI	4x6
1005	5 l/h against 10 bar	1.32 GPH against 145 PSI	4x6
1010	10 l/h against 10 bar	2.64 GPH against 145 PSI	4x6
0706	6 l/h against 7 bar	1.58 GPH against 101 PSI	4x6
0510	10 l/h against 5 bar	2.64 GPH against 72 PSI	4x6
0512	12 l/h against 5 bar	3.17 GPH against 72 PSI	4x6
0408	8 l/h against 4 bar	2.11 GPH against 58 PSI	4x6
0310	10 l/h against 3 bar	2.64 GPH against 43 PSI	4x6
0217	17 l/h against 2 bar	4.49 GPH against 29 PSI	4x6
0116	16 l/h against 1 bar	4.22 GPH against 14 PSI	4x6

POWER SUPPLY	
00	230 VAC Schuko plug
0S	230 VAC Australian plug
01	230 VAC Without plug
03	115 VAC US plug
04	24 VAC Without plug
05	12 VDC *
07	24 VDC
* Not available on some models.	

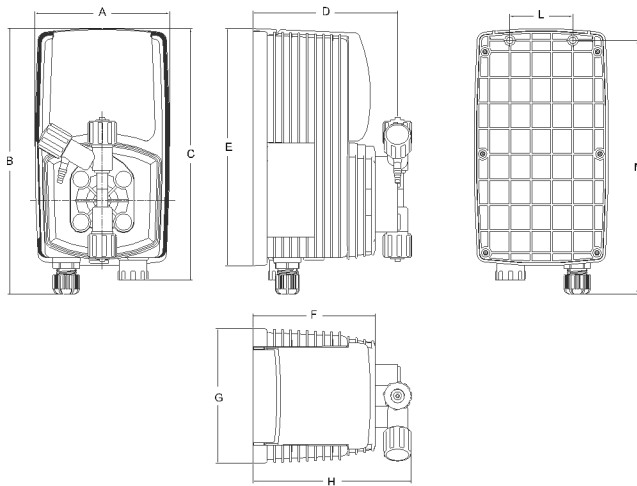
Power supply: 230 VAC (190÷265 VAC)  
 Power supply: 115 VAC (90÷135 VAC)  
 Power supply: 24 VAC (20÷32 VAC)  
 Power supply: 12 VDC (10÷16 VDC)

Model V MF 2001 4 00 00

LIQUID ENDS								
	Head	Orings	Valve		Diaphragm	Hose		Viscosity Max CPS
			Body	Balls		Delivery	Suction	
1	PVDF	Viton®	PVDF	Ceramic	PTFE	PVDF	PVDF	100
2	PVDF	EPDM	PVDF	Ceramic	PTFE	PVDF	PVDF	100
4 *	PVDF	Viton®	PVDF	Ceramic	PTFE	PVDF	PVDF	100
5 *	PVDF	EPDM	PVDF	Ceramic	PTFE	PVDF	PVDF	100

Viton® is a registered trademark of DuPont Dow Elastomers.  
 \* Using this model for flows up to 1 l/h.

INFORMATION				
	Speed Stroke		Power consumption (230VAC)	Weight
	Min Stroke hour	Max Stroke minute		
2001	1	180	16 Watt	2.2 Kg (4.85 Lbs)
1802	1	180	16 Watt	
1804	1	180	22 Watt	
1502	1	180	16 Watt	
1504	1	180	16 Watt	
1505	1	180	22 Watt	
1004	1	180	16 Watt	
1005	1	180	16 Watt	
1010	1	180	22 Watt	
0706	1	180	16 Watt	
0510	1	180	16 Watt	
0512	1	180	22 Watt	
0408	1	180	16 Watt	
0310	1	180	16 Watt	
0217	1	180	16 Watt	
0116	1	180	16 Watt	



DIMENSIONS		
	mm	inches
A	106.96	4.21
B	210.44	8.28
C	199.44	7.85
D	114.50	4.50
E	187.96	7.40
F	97.00	3.81
G	106.96	4.21
H	125.47	4.93
L	50.00	1.96
M	201.00	7.91

IP65 enclosure (NEMA4x)  
 "V" series metering pump are manufactured in molded glass filled and PPO (Noryl® - modified PPO resin) housing to ensure protection against aggressive chemicals and tough environment.

Noryl® - modified PPO resin - is a registered trademark of General Electric Company.

MORE INFORMATION							
	Flow				cc per Stroke	Maximum Injection Pressure	
	Min cc/h	Max l/h	Min GPH	Max GPH			
2001	0.1	1	0.00002	0.26	0.1	20 bar	290 PSI
1802	0.19	2	0.00005	0.52	0.19	18 bar	261 PSI
1804	0.37	4	0.00009	1.05	0.37	18 bar	261 PSI
1502	0.19	2	0.00005	0.52	0.19	15 bar	217 PSI
1504	0.37	4	0.00009	1.05	0.37	15 bar	217 PSI
1505	0.46	5	0.00012	1.32	0.46	15 bar	217 PSI
1004	0.37	4	0.00009	1.05	0.37	10 bar	145 PSI
1005	0.46	5	0.00012	1.32	0.46	10 bar	145 PSI
1010	0.93	10	0.00024	2.64	0.93	10 bar	145 PSI
0706	0.56	6	0.00014	1.58	0.56	7 bar	101 PSI
0510	0.93	10	0.00024	2.64	0.93	5 bar	72 PSI
0512	1.11	12	0.00029	3.17	1.11	5 bar	72 PSI
0408	0.74	8	0.00019	2.11	0.74	4 bar	58 PSI
0310	0.93	10	0.00024	2.64	0.93	3 bar	43 PSI
0217	1.57	17	0.00041	4.49	1.57	2 bar	29 PSI
0116	1.48	16	0.00039	4.22	1.48	1 bar	14 PSI