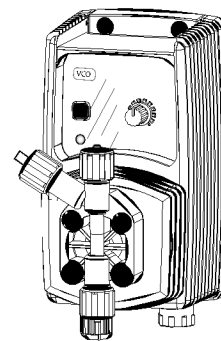


## Configuration

Wall mounted metering pump with, microprocessor technology, analog controls, stroke frequency adjustment and self venting pump head.



MODELLI	
AO	"VA CO" Constant pump with stroke speed (frequency) adjustment.
AL	"VA CL" Constant pump with level control, stroke speed (frequency) adjustment.

CAPACITIES			HOSE
1802	2 l/h against 18 bar	0.52 GPH against 261 PSI	4x8
1503	3 l/h against 15 bar	0.79 GPH against 217 PSI	4x6
1501	1 l/h against 15 bar	0.26 GPH against 217 PSI	4x6
103,4	3.4 l/h against 10 bar	0.89 GPH against 145 PSI	4x6
1007	7 l/h against 10 bar	1.84 GPH against 145 PSI	4x6
1002	2 l/h against 10 bar	0.52 GPH against 145 PSI	4x6
0704	4 l/h against 7 bar	1.05 GPH against 101 PSI	4x6
057,5	7.5 l/h against 5 bar	1.98 GPH against 72 PSI	4x6
0509	9 l/h against 5 bar	2.37 GPH against 72 PSI	4x6
045,5	5.5 l/h against 4 bar	1.45 GPH against 58 PSI	4x6
0307	7 l/h against 3 bar	1.84 GPH against 43 PSI	4x6
0213	13 l/h against 2 bar	3.43 GPH against 29 PSI	4x6
0113,5	13.5 l/h against 1 bar	3.56 GPH against 14 PSI	4x6

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)

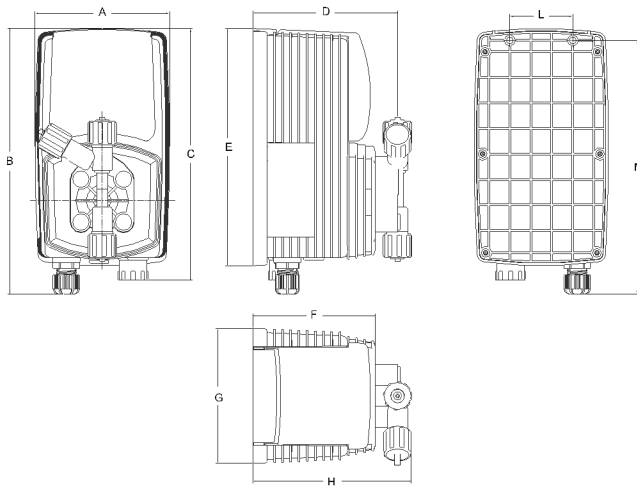
Model V **AO** **1802** **4** **00** **00**

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.	

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 per minute	Max Stroke per minute		
1802	1	180	16 Watt	2.2 Kg (4.85 Lbs)
1503	1	180	16 Watt	
1501	1	180	16 Watt	
103,4	1	180	16 Watt	
1007	1	180	22 Watt	
1002	1	180	16 Watt	
0704	1	180	16 Watt	
057,5	1	180	16 Watt	
0509	1	180	22 Watt	
045,5	1	180	16 Watt	
0307	1	180	16 Watt	
0213	1	180	16 Watt	
0113,5	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 (NEMA4x)

"V"series metering pumps are manufactured in molded glass filled and filled 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			
1802	11.1	2	0.002	0.52	0.19	18 bar	261 PSI
1503	16.6	3	0.004	0.79	0.28	15 bar	217 PSI
1501	5.55	1	0.001	0.26	0.1	15 bar	217 PSI
103,4	18.8	3.4	0.0049	0.89	0.32	10 bar	145 PSI
1007	38.8	7	0.010	1.84	0.65	10 bar	145 PSI
1002	11.1	2	0.002	0.52	0.19	10 bar	145 PSI
0704	22.2	4	0.005	1.05	0.37	7 bar	101 PSI
057,5	41.6	7.5	0.011	1.98	0.7	5 bar	72 PSI
0509	50	9	0.013	2.37	0.84	5 bar	72 PSI
045,5	30.5	5.5	0.008	1.45	0.51	4 bar	58 PSI
0307	38.8	7	0.010	1.84	0.65	3 bar	43 PSI
0213	72.2	13	0.019	3.43	1.2	2 bar	29 PSI
0113,5	75	13.5	0.0197	3.56	1.25	1 bar	14 PSI