

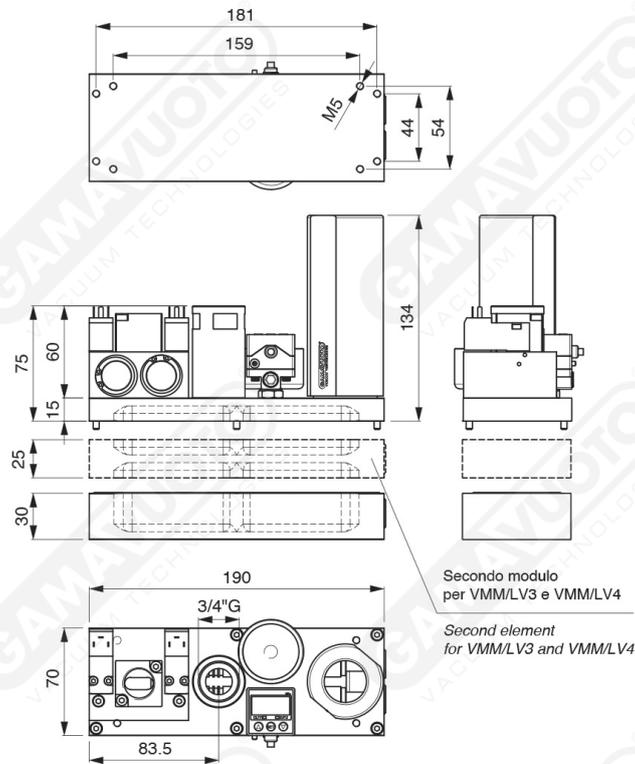


Multi-stage vacuum generators mod. VMMV - VMLV

The new "VMMV - VMLV" series generators are made of aluminum composed of 1 to 2 practical and light modules. Each module consists of 1 or 2 rows of cartridges and can be assembled quickly and easily, with capacities ranging from 192,8 e 1207 l/min while maintaining the maximum achievable vacuum value unchanged. In this version there are the two-way 24 Volt DC solenoid valves for the air supply and for the adjustable counter-blow that facilitates the detachment of the suction cups, the digital vacuum switch with M8 connector and a one-way valve that allows the maintenance of the vacuum even in the event of a sudden power failure.

Available with two types of cartridges:

- **High Vacuum (95%) mod. VMMV**
- **Low Consumption mod. VMLV**



Art. VMMV/VMLV

Lubrication	unnecessary
Temperature	ambient -10°C to + 50°C
Pressure	2 ÷ 8 bar
Response time	5 - 15 ms
Coil duty cycle	ED 100%
Power	1 to 2.5 W (DC) 3 VA (AC)
Voltage	12 - 24 V DC 24 - 115 - 230 VAC (other voltages on request)
Voltage variation	± 10%
Coil Insulation class	F

Degrees of protection

IP 65 (according to EN 60529)

Electrical connection

Amp 2.8 x 0.5

Coil construction

according to EN 60204.1 and VDE 0580

Mod.	Bar	Vacuum	Vacuum flow	Consumption
		kPa	NI/min	NI/min
VMMV1	2	41	217.1	70.3
	3	77	262.7	94.3
	4	95	310.8	115.4
	5	94	307.1	136.4
	6	93	321.8	157.8
	7	91	338.3	177.8
	8	90	356.6	198.6
	VMMV2	2	41	394.7
3		77	477.7	188.6
4		95	565.0	230.8
5		94	558.3	272.8
6		93	585.0	315.6
7		91	615.0	355.6
8		90	648.3	397.2
VMMV3		2	41	512.6
	3	77	620.4	257.2
	4	95	733.8	314.8
	5	94	725.1	372.0
	6	93	759.8	430.3
	7	91	798.7	484.9
	8	90	842.0	541.7
	VMMV4	2	41	717.6
3		77	868.5	342.9
4		95	1027.3	419.7
5		94	1015.2	496.0
6		93	1063.7	573.7
7		91	1118.2	646.5
8		90	1178.8	722.2
Mod.		Bar	Vacuum	Vacuum flow
	kPa		NI/min	NI/min
VMLV1	2	28	194.3	48.5
	3	44	244.2	61.7
	4	59	284.2	76.2
	5	70	308.0	90.5
	6	75	323.4	104.5
	7	77	334.8	117.1
	8	78	345.2	128.8

Multi-stage vacuum generators

	2	28	370.2	101.6
	3	44	465.2	129.2
	4	59	541.3	159.7
VMLV2	5	70	586.7	189.5
	6	75	616.0	219.1
	7	77	637.7	245.4
	8	78	657.6	269.8
	2	28	481.8	152.4
	3	44	605.5	193.8
	4	59	704.6	239.5
VMLV3	5	70	763.7	284.3
	6	75	801.8	328.6
	7	77	830.0	368.1
	8	78	855.9	404.8
	2	28	679.5	203.2
	3	44	853.9	258.4
	4	59	993.6	319.4
VMLV4	5	70	1076.9	379.1
	6	75	1130.8	438.1
	7	77	1170.5	490.8
	8	78	1207.1	539.7