

MZL212 series

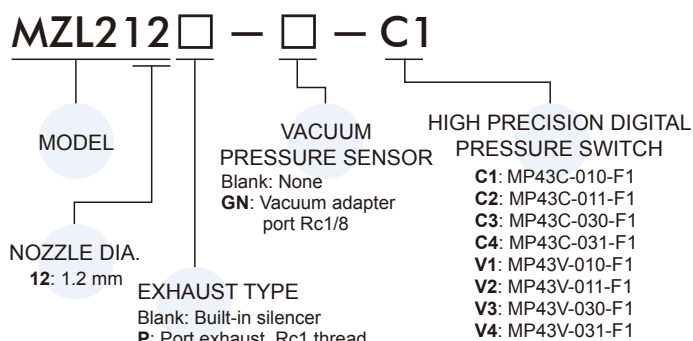
MULTISTAGE VACUUM PUMP



Specification

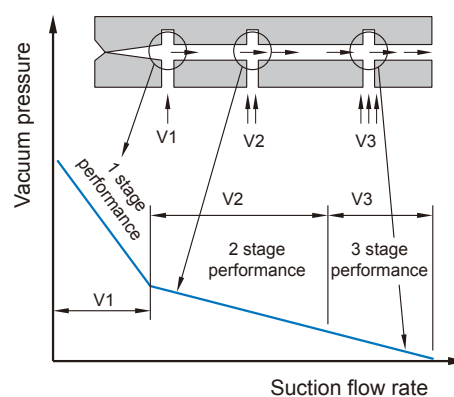
Model	MZL212
Nozzle dia.	1.2 mm × 2
Max. suction flow	200 ℓ/min
Air consumption	126 ℓ/min
Max. vacuum pressure	−84 kPa
Max. operating pressure	0.7 MPa
Supply pressure range	0.2~0.5 MPa
Standard supply pressure	0.4 MPa
Operating temperature range	+5~+50°C
Weight	700 g

Order example



* Refer to page 5-16 for the option of digital pressure switch MP43.

3 stage diffuser construction



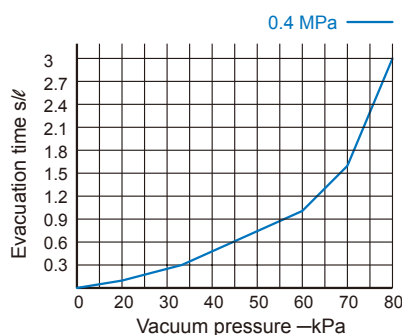
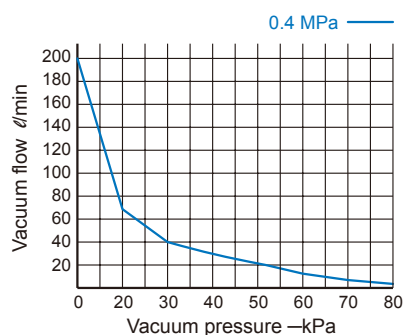
Vacuum flow(ℓ/min) at different vacuum levels (−kPa)

Supply pressure	Air consumption	Vacuum flow(ℓ/min) at different vacuum levels (−kPa)										Max. vacuum level
0.4 MPa	125 ℓ/min	0	10	20	30	40	50	60	70	80		−84 kPa
		200	150	52	40	30	25	15	8	3		

Evacuation time(s/ℓ) to reach different vacuum levels (−kPa)

Supply pressure	Air consumption	Evacuation time(s/ℓ) to reach different vacuum levels (−kPa)										Max. vacuum level
0.4 MPa	125 ℓ/min	10	20	30	40	50	60	70	80			−84 kPa
		0.011	0.076	0.246	0.415	0.646	0.98	1.52	2.46			

Vacuum characteristics



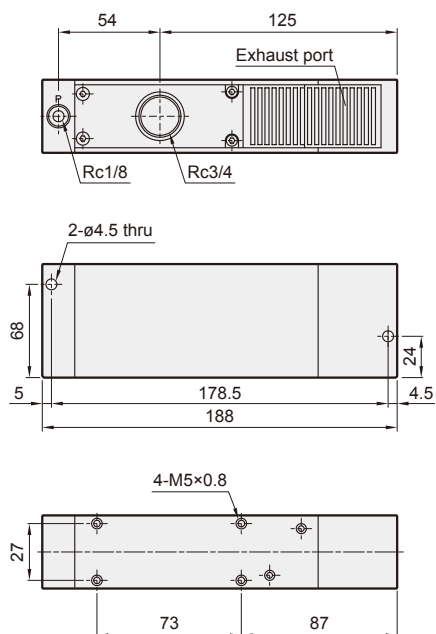
MZL212 Dimensions

MULTISTAGE VACUUM PUMP



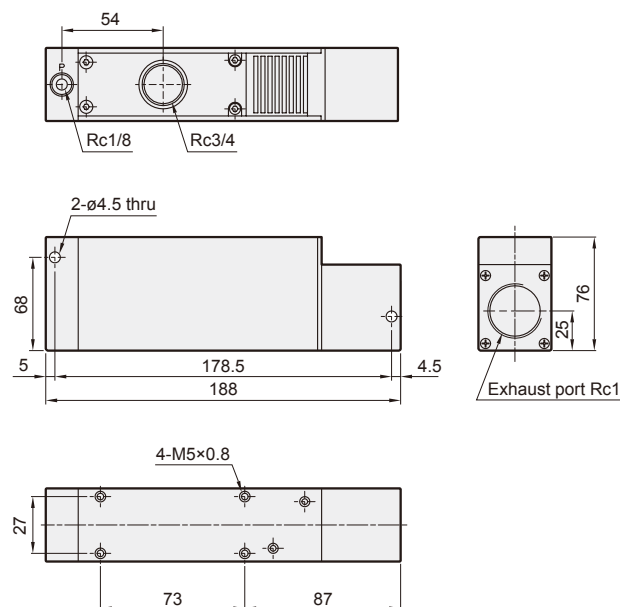
MZL212

Standard



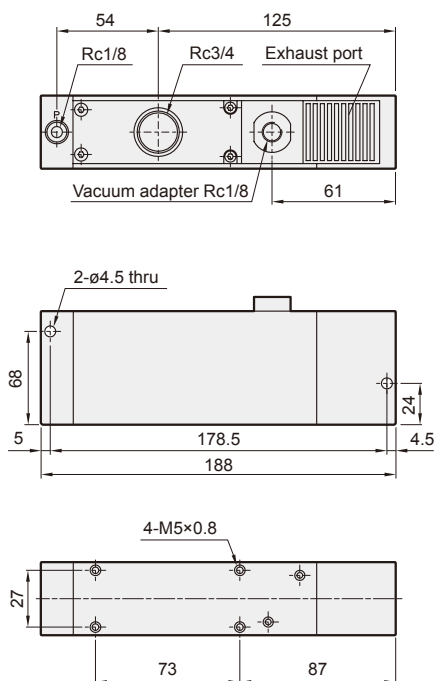
MZL112P

Port exhaust



MZL212-GN

With vacuum adapter



MZL212-GN-C*

With high precision digital pressure switch

