

MVL Series

SPECIFICATION

Max.Vacuum level	: -92Kpa(-690mmHg)
Supply Air pressure	: 4 - 6bar, Max. 6.5bar
Supply Air type	: Dry Compressed Air
Working temperature range	: -20°C to +80°C
Noise level	: 50-60dBA
Material	: AL, ABS, Glass Filled Nylon
Sealing Material	: NBR(standard) Option: silicon, viton

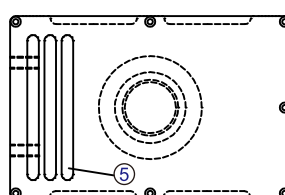
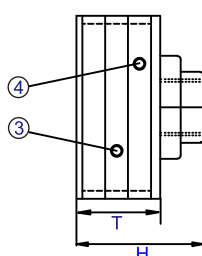
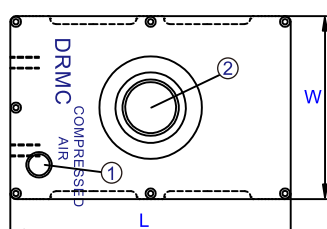


CHARACTERISTIC

Model	Max.vacuum -Kpa(-mmHg)	Max.vacuum flow (L/min)	Air consumption (L/min)	Capacity equivalent to electricity motor pump size
MVL-200	92(690)	1988	600 - 752	2 kw
MVL-400	92(690)	3976	1200 - 1504	4 kw
MVL-600	92(690)	5964	1800 - 2256	6 kw
MVL-800	92(690)	7952	2400 - 3008	8 kw
MVL-1200	92(690)	11928	3600 - 4512	12 kw

DIMENSIONAL INFORMATION

Model	Size(mm)				Compressed Air port	Vacuum port
	L	W	T	H		
MVL-200	245	160	68	106	G 1/2"	G 1.5"
MVL-400	245	160	93	131	G 1/2"	G 1.5"
MVL-600	245	160	108	146	G 1/2"	G 1.5"
MVL-800	295	240	98	148	G 3/4"	G 2"
MVL-1200	295	245	113	163	G 3/4"	G 2"



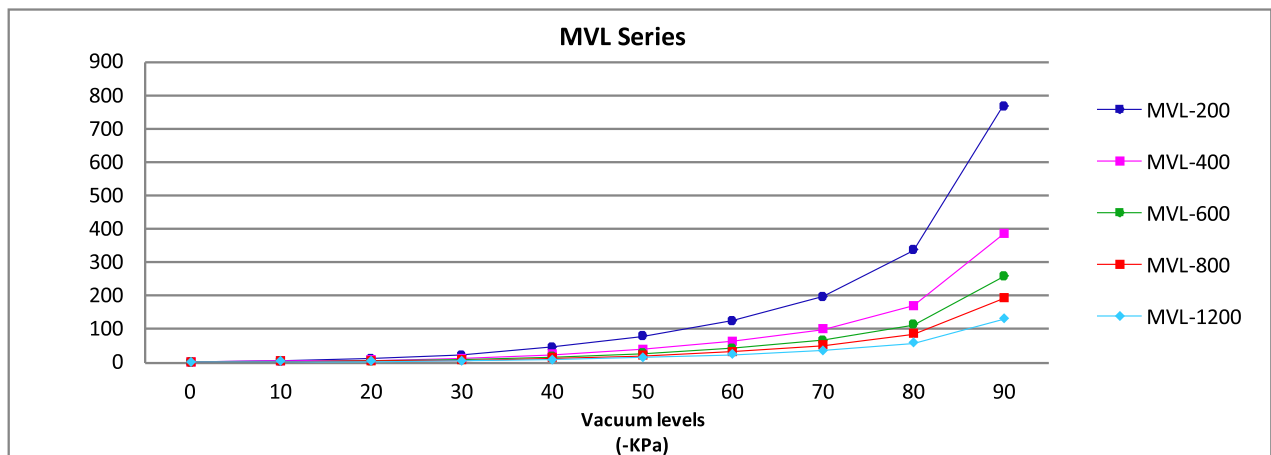
Accessories
- Vacuum Gauge 1pcs
- Pressure Gauge 1pcs

- ① Compressed Air
- ② Vacuum
- ③ Compressed air Gauge G1/8"
- ④ Vacuum Gauge G1/8"
- ⑤ Exhaust

MVL Series flow

Time in seconds to evacuate to vacuum level (Sec/1000L)

Model	Vacuum level (-kPa)									
	0	10	20	30	40	50	60	70	80	90
MVL-200	0	3	9	20	44	77	123	196	334	766
MVL-400	0	2	4	10	22	38	62	98	167	383
MVL-600	0	1	3	7	15	26	41	65	111	255
MVL-800	0	1	2	5	11	19	31	49	83	191
MVL-1200	0	1	1	3	7	13	21	33	56	128



Vacuum flow at different Vacuum levels (L/Min)

Model	Vacuum level -kPa									
	0	10	20	30	40	50	60	70	80	90
MVL-200	1988	1148	745	364	258	202	134	78	34	0
MVL-400	3976	2296	1490	728	515	403	269	157	67	0
MVL-600	5964	3444	2234	1092	773	605	403	235	101	0
MVL-800	7952	4592	2979	1456	1030	806	538	314	134	0
MVL-1200	11928	6888	4469	2184	1546	1210	806	470	202	0

