

VACUUM PUMPS / Magic pumps

M3122 / ML3122

Features and Strengths

- Highly operational reliability despite fluctuating or low compressed-air pressure
- Integrated pleated filter with high dirt capacity & Auto-cleaning system
- Flexible structure
 - Available to select various port options and port position / direction
- Easy to assemble and disassemble without any tools
- Quick response time
- Patented design



Specifications

Description	M3122	ML3122
Max. Vacuum level	-92 kPa	-75 kPa
Open Vacuum flow	342 NI/min	400 NI/min
Max. Feed pressure	7 bar	7 bar
Temperature	-20 ~ 80 °C	-20 ~ 80 °C
Noise level	55 ~ 62 dbA	50 ~ 60 dbA
Weight	787 g	787 g

Vacuum Flow

Model	Max. vacuum (-kPa)	Feed Pressure (bar)	Vacuum flow (NI/min) at different vacuum levels (-kPa)									
			0	10	20	30	40	50	60	70	80	90
M3122	92	3.0	340	304	212	128	66	64	44	33	12.8	3.8
	92	4.0	342	308	255	188	138	86	46.6	34.6	13.8	4.2
ML3122	60	4.0	376	316	220	140	92	56	13.6			
	75	6.0	400	366	308	200	104	76	64	44		

Evacuation Time

Model	Feed Pressure (bar)	Air Consumption (NI/min)	Evacuation time in sec / liter to reach different vacuum levels (-kPa)									
			10	20	30	40	50	60	70	80	90	
M3122	3.0	236	0.016	0.05	0.07	0.16	0.23	0.34	0.5	0.795	2.01	
	4.0	304	0.014	0.029	0.043	0.05	0.13	0.25	0.355	0.71	1.75	
ML3122	5.0	170	0.014	0.036	0.075	0.125	0.15	0.2	0.4	-	-	
	6.0	208	0.013	0.032	0.06	0.1	0.155	0.18	0.35	-	-	