

VACUUM PUMPS / Magic pumps

M3124 / ML3124

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	M3124	ML3124
Max. Vacuum level	-92 kPa	-75 kPa
Open Vacuum flow	684 NI/min	800 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	788 g	788 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
M3124	92	3.0	680	608	424	256	132	128	88	66	26	7.6
	92	4.0	684	616	510	376	276	172	93	69	28	8.4
ML3124	70	5.0	780	704	520	328	200	150	92	45.2	-	-
	75	6.0	800	732	616	400	208	152	128	88	-	-

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
M3124	3.0	472	0.007	0.025	0.048	0.08	0.1	0.16	0.2	0.3	0.95
	4.0	608	0.006	0.015	0.02	0.025	0.06	0.12	0.17	0.26	0.87
ML3124	5.0	340	0.0067	0.02	0.037	0.065	0.075	0.1	0.2	-	-
	6.0	416	0.006	0.02	0.03	0.055	0.073	0.09	0.15	-	-