

## AM vacuum Pumps/Generator Module Large Flows



### Introduction and Applications

- AM combination high-flow vacuum generators generate very high vacuum flow rates, making them highly effective for vacuum systems with high leakage, porous and loose materials, and large vacuum lines. This generator comes equipped with a 1-inch silencer and includes installation brackets.

### technical specifications

maximum vacuum level	-KPa	92
maximum vacuum flow rate	l/min	4570
supply air pressure	bar	3.4-6, maximum 7
temperature range	°C	0~80
weight	g	3724~7929
noise	dBA	55~68

### product specifications

Model	maximum vacuum level(-kPa)	maximum vacuum flow rate(l/min)	air consumption (l/min)	weight (g)	Minimum hose inner diameter Ø (within 2 meters)		
					air supply	vacuum	exhaust
AM150M	92	1880	720~1120	3724	>10	>32	>40
AM200M		2200	930~1460	3892	>10	>32	>40
AM300M		3150	1420~2290	5525	>12	>40	>60
AM400M		3710	1680~2790	6447	>12	>40	>60
AM500M		4570	2440~3520	7929	>14	>45	>70

Order Code
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AM150M   P - N - A

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②

③

④

## ① Model

AM150M
AM200M
AM300M
AM400M
AM500M

## ② 排氣規格

unmarked	standard type
P	side port exhaust

## ③ sealing material

N	nitrile rubber
E	ethylene propylene diene rubber
V	fluoroelastomer

## ④ check valve

A	yes
—	no

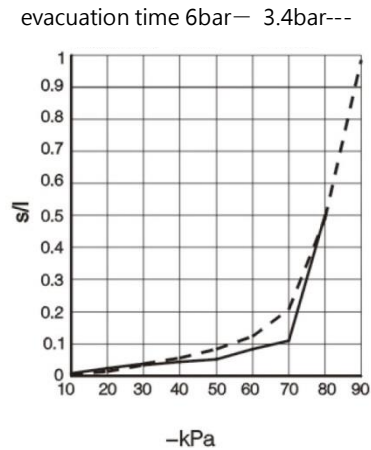
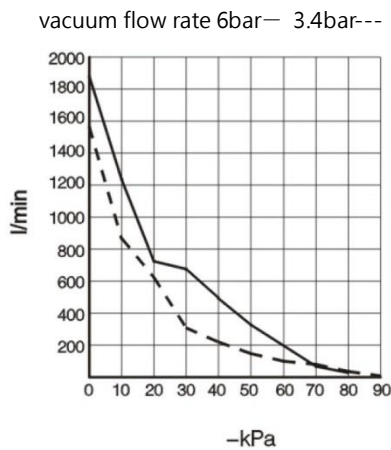
**AM150M**

■ Vacuum Flow (l/min) at Different Vacuum Levels (-kPa)

supply air pressure bar	air consumption l/min	Vacuum Flow (l/min) at Different Vacuum Levels (-kPa)										maximum vacuum level(-kPa)
		0	10	20	30	40	50	60	70	80	90	
3.4	720	1550	840	610	315	205	150	95	80	36	2.5	92
6	1120	1880	1210	730	640	490	340	200	75	25		89

■ Evacuation Time (s/l) at Different Vacuum Levels (-kPa)

supply air pressure bar	air consumption l/min	Evacuation Time (s/l) at Different Vacuum Levels (-kPa)										maximum vacuum level(-kPa)
		10	20	30	40	50	60	70	80	90		
3.4	720	0.009	0.02	0.03	0.06	0.09	0.14	0.21	0.47	0.93		92
6	1120	0.007	0.017	0.026	0.04	0.06	0.08	0.12	0.5			89



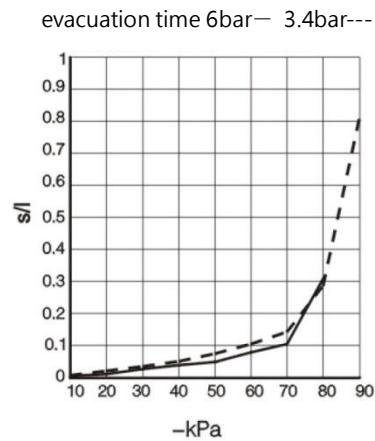
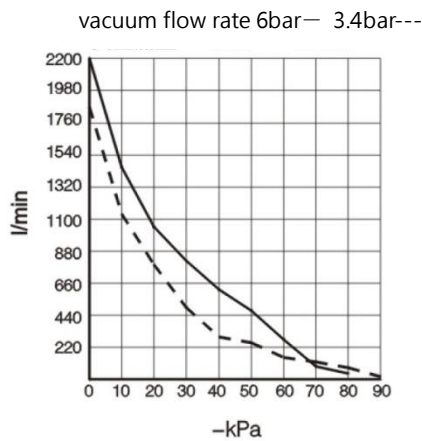
**AM200M**

■ Vacuum Flow (l/min) at Different Vacuum Levels (-kPa)

supply air pressure bar	air consumption l/min	Vacuum Flow (l/min) at Different Vacuum Levels (-kPa)										maximum vacuum level(-kPa)
		0	10	20	30	40	50	60	70	80	90	
3.4	930	1840	1090	770	470	280	210	155	95	50	4	92
6	1460	2200	1490	930	800	650	490	245	85	11		89

■ Evacuation Time (s/l) at Different Vacuum Levels (-kPa)

supply air pressure bar	air consumption l/min	Evacuation Time (s/l) at Different Vacuum Levels (-kPa)										maximum vacuum level(-kPa)
		10	20	30	40	50	60	70	80	90		
3.4	930	0.006	0.016	0.028	0.04	0.06	0.11	0.16	0.27	0.82		92
6	1460	0.005	0.012	0.022	0.03	0.04	0.06	0.11	0.33			89



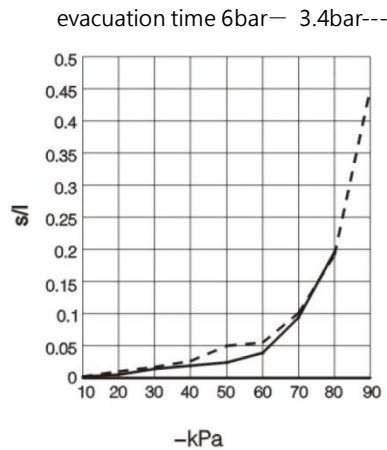
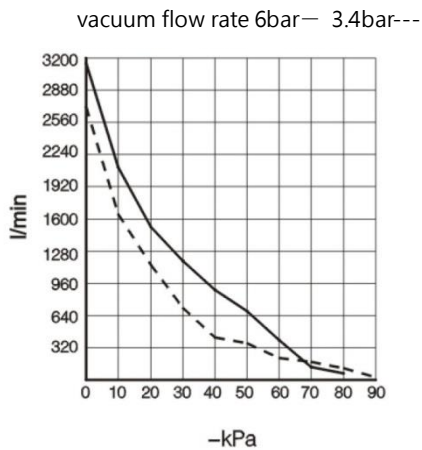
**AM300M**

■ Vacuum Flow (l/min) at Different Vacuum Levels (-kPa)

supply air pressure bar	air consumption l/min	Vacuum Flow (l/min) at Different Vacuum Levels (-kPa)										maximum vacuum level(-kPa)
		0	10	20	30	40	50	60	70	80	90	
3.4	1420	2750	1610	1160	760	470	325	270	185	80	7.5	92
6	2290	3150	2100	1410	1180	930	660	365	105	75		89

■ Evacuation Time (s/l) at Different Vacuum Levels (-kPa)

supply air pressure bar	air consumption l/min	Evacuation Time (s/l) at Different Vacuum Levels (-kPa)										maximum vacuum level(-kPa)
		10	20	30	40	50	60	70	80	90		
3.4	1420	0.004	0.014	0.02	0.03	0.05	0.07	0.11	0.17	0.45	92	
6	2290	0.004	0.01	0.013	0.023	0.03	0.04	0.08	0.19		89	



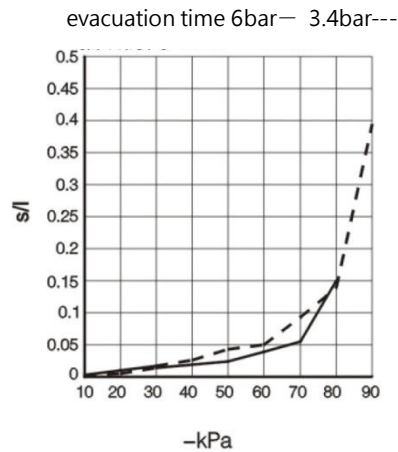
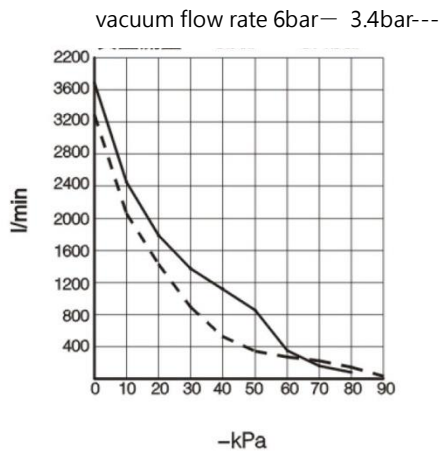
**AM400M**

■ Vacuum Flow (l/min) at Different Vacuum Levels (-kPa)

supply air pressure bar	air consumption l/min	Vacuum Flow (l/min) at Different Vacuum Levels (-kPa)										maximum vacuum level(-kPa)
		0	10	20	30	40	50	60	70	80	90	
3.4	1680	3290	2080	1420	870	620	372	335	215	100	11.5	92
6	2790	3710	2480	1800	1450	1100	870	370	195	80		89

■ Evacuation Time (s/l) at Different Vacuum Levels (-kPa)

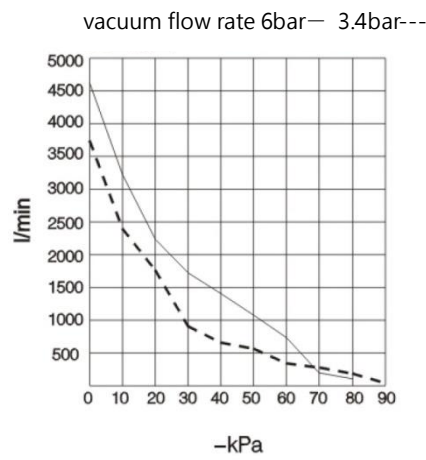
supply air pressure bar	air consumption l/min	Evacuation Time (s/l) at Different Vacuum Levels (-kPa)										maximum vacuum level(-kPa)
		10	20	30	40	50	60	70	80	90		
3.4	1680	0.004	0.01	0.015	0.023	0.03	0.05	0.08	0.13	0.37		92
6	2790	0.003	0.008	0.012	0.02	0.025	0.03	0.06	0.15			89



AM500M

■ Vacuum Flow (l/min) at Different Vacuum Levels (-kPa)

supply air pressure bar	air consumption l/min	Vacuum Flow (l/min) at Different Vacuum Levels (-kPa)										maximum vacuum level(-kPa)
		0	10	20	30	40	50	60	70	80	90	
3.4	2440	3740	2420	1800	970	710	590	360	270	130	15.5	92
6	3520	4570	3240	2330	1800	1470	1140	700	205	115		89



Dimensions (mm)

