



Common Specification(共同规格)

Max. Vacuum(最大真空度)	-85kPa
Max. Vacuum Flow Rate(最大真空流量)	220l/m
Air Supply Pressure(供气压力)	4-6bar Max.7bar
Air Supply Pressure(opt)(最佳供气压力)	4.5bar
Air Supply Type(供气类别)	Dry Compressed Air(干燥的压缩空气)
Working Temperature(工作温度)	-20°C to +80°C
Noise Level(噪音)	50-68dBA

Features(产品特点)

- These pumps are compact and low weight design. Because the pumps are too small they can be mounted locally to the vacuum requirement even directly onto the back of suction cups if required.
- They use a Multi Stage Ejector principal for generating the vacuum, provide large capacity vacuum flow combined with high grade plastic, making the pumps resilient to most hazardous vapours
- The pump can have seal materials options of Viton® & EPDM for corrosive and acidic applications.
- 结构紧凑，体积轻巧，安装简便，可直接安装在吸盘上
- 使用多级发生器产生真空，可以提供较大真空流量
- 由高级塑料制成，可以在大部分有害气体中使用
- 可选择氟橡胶和三元乙丙橡胶做密封材料，使其能在腐蚀性环境和酸性环境下使用

How To Order(型号表示方法)

ABM5 - B - V
① ② ③

① Model-Capacity equivalent to electricity motor pump size
(型号-容量等同于电力泵尺寸)

ABM5	0.05KW
ABM10	0.10KW
ABM20	0.20KW
ABM30	0.30KW

② Air Supply, Vacuum, Exhaust Port
(供气口，真空口，排气口)

	Air Supply(供气)	Vacuum(真空)	Exhaust(排气)
A	M5-Φ6	G1/8"	Internal Silencer(内置消声器)
NA	M5-Φ6	NPSF1/8"	Internal Silencer(内置消声器)
B	G1/8"	G3/8"	Internal Silencer(内置消声器)
BA	G1/8"	G3/8"	Internal Silencer(内置消声器)
			Connection plate(连接板-铝)
NB	NPSF1/8"	NPSF3/8"	Internal Silencer(内置消声器)
NBA	NPSF1/8"	NPSF3/8"	Internal Silencer(内置消声器)
			Connection plate(连接板-铝)
C	G1/8"	G3/8"	External Silencer(外置消声器)
NC	NPSF1/8"	NPSF3/8"	External Silencer(外置消声器)

③ Sealing(密封件)

No mark(无记号)	Standard (NBR) (标准(丁腈橡胶))
V	VITON (氟橡胶)
E	EPDM (三元乙丙橡胶)

※ Standard pump model

(标准真空发生器型号)
ABM5-A, NA, B, BA, NB, NBA, C, NC
ABM10-A, NA, B, BA, NB, NBA, C, NC
ABM20-B, BA, NB, NBA, C, NC
ABM30-B, BA, NB, NBA, C, NC

Technical Parameters(产品参数)

Model (型号)	Max. Vacuum Level (最大真空度) (-kPa)	Max. Vacuum Flow (最大真空流量) (l/min)	Air Consumption (空气消耗量) (l/min)	Noise Level (噪音) (dBA)	Min Tube Inner Φ (Within 2m) (最小软管内径 Φ (2m内))		
					Air supply (供气)	Vacuum (真空)	Exhaust (排气)
ABM5	85	37	12-20	50-65	>2	>5	>8
ABM10		75	28-42	55-68	>2	>8	>10
ABM20		150	55-85	60-68	>4	>10	>12
ABM30		220	87-125	60-68	>6	>12	>15

迷你型真空发生器 Mini Vacuum Pump

AIRBEST Series

ABM Series

Vacuum Flow(l/min)at Different Vacuum Levels(-kPa)(不同真空度(-kPa)的真空流量(l/min))												
Model (型号)	-kPa	Air Supply Pressure (供气压力)	0	10	20	30	40	50	60	70	80	Max. Vacuum Level (最大真空度)
ABM5	4.5bar	4.5bar	35	20.5	12	10.5	8.5	6.5	4.5	2.5	0.8	-85kPa
ABM10			70	40.5	25	21	18	14	9.5	5	1.3	
ABM20			141	77	45	39.5	29.5	25	17.5	12	3	
ABM30			175	105	70	63	53	40	26	14	6.5	
ABM5	6bar	6bar	37	25	15.5	12	8	6	4	2.7	0.6	-85kPa
ABM10			75	55	27	20	18	12	9	5	2	
ABM20			150	100	55	38	30	24	16	11	3.2	
ABM30			220	150	81	65	50	38	27	18	5	

Evacuation Time(s/l)to Teach Different Vacuum Levels(-kPa)(不同真空度(-kPa)的抽气时间(s/l))										
Model (型号)	-kPa	Air Supply Pressure (供气压力)	10	20	30	40	50	60	70	80
ABM5	4.5bar	4.5bar	0.11	0.42	0.95	1.66	2.5	3.65	5.25	7.89
ABM10			0.08	0.2	0.44	0.8	1.24	1.8	2.55	3.8
ABM20			0.04	0.12	0.23	0.41	0.65	0.93	1.33	2.03
ABM30			0.03	0.09	0.16	0.27	0.43	0.66	0.95	1.43
ABM5	6bar	6bar	0.13	0.51	1.15	1.93	2.87	4.09	5.84	10.46
ABM10			0.029	0.23	0.53	0.92	1.37	1.95	2.77	4.62
ABM20			0.023	0.15	0.28	0.46	0.71	1.02	1.48	2.55
ABM30			0.015	0.077	0.138	0.308	0.49	0.69	1.02	1.75

Dimensions(mm)(外形尺寸图(毫米))

ABM₅¹⁰-A(NA)

ABM₅¹⁰₂₀³⁰-C(NC)

Model(型号)	L(mm)
ABM5	20.7
ABM10	20.7
ABM20	28
ABM30	35

Model(型号)	L1(mm)	L2(mm)
ABM5	20.7	87
ABM10	20.7	87
ABM20	28	94.2
ABM30	35	101.5