

VAB series - Vacuum ejectors

VAS series - Vacuum pressure switch

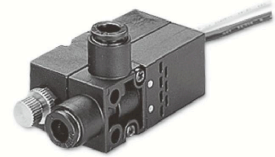
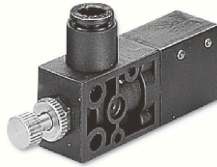
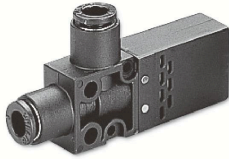
Operation specification and Function table

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● VAB vacuum ejector

● VAS pressure switch

● VABS ejector with switch



EV
Vacuum
Ejectors

VA □
Vacuum
(Ejectors /
Pressure switch)

VM □
Vacuum
Ejectors

VM □ **U**
Vacuum
Ejectors

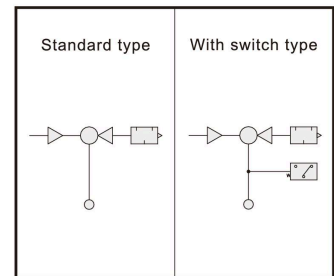
VFD
Vacuum
Filter

VFM
Vacuum
Filter

Specification

Item	Model	VAB - 0704	VAB - 0706	VAB - 1204	VAB - 1206	VAB - 1508	VAB - 1510
Fluid		Air					
Range of service temperature °C		0 ~ 60					
Lubrication		Unnecessary					
Range of pressure (Mpa)		0.1 ~ 1.6 [1.0 ~ 6.0Kgf / cm ²]					
Nozzle diameter (mm)		Ø 0.7	Ø 0.7	Ø 1.2	Ø 1.2	Ø 1.5	Ø 1.5
Max. Vacuum value		- 91.8 Kpa [- 690 mmHg]					
Tube size (mm)		Ø 4	Ø 6	Ø 4	Ø 6	Ø 8	Ø 1.0

Example of application



Vacuum ejectors performance table

Item	Nozzle diameter	Port size	Exhaust capacity	Max.Vacuum degree	Air consumption	Supply air pressure
Model	mm		L/min	-Kpa [-mmHg]	L/min	-Mpa [Kgf/cm ²]
VAB-0704	0.7	Ø 4	6	86.7 [650]	13	0.5 [5]
VAB-0706	0.7	Ø 6	27	91.8 [690]	44	0.5 [5]
VAB-1204	1.2	Ø 4	63	91.8 [690]	100	0.5 [5]
VAB-1206	1.2	Ø 6	110	91.8 [690]	180	0.5 [5]
VAB-1508	1.5	Ø 8	110	91.8 [690]	180	0.5 [5]
VAB-1510	1.5	Ø 10	110	91.8 [690]	180	0.5 [5]

Vacuum signal confirmation device

Item	Model	VAS - 04	VAS - 06	VAS - 08	VAS - 10
Setting range (kpa)		-39.9 [-300mmHg]	- 20.0 ~ - 53.2 [- 150 ~ - 400mmHg]		
Setting value before operational (kpa)		-39.9 [-300mmHg]	- 46.6 [- 350mmHg]		
Accuracy (kpa)		± 5.3 [± - 40mmHg]			
Hysteresis (kpa)		4.0 ~ 13.3 [30 ~ 100mmHg]			
Electrical rating		AC125V : 5A , AC250V : 3A			
Range of operating temperature °C		0 ~ 60			
Port size		Ø 4	Ø 6	Ø 8	Ø 10