

# AZW Series

## Large Flow Integrated Vacuum Generator

AIRBEST



BIO-PHARMACEUTICAL



FOOD INDUSTRY

### Features

- ◇ Built-in high performance vacuum cartridge
- ◇ External silencer
- ◇ Centralized air supply, solenoid valves of each station controll separately
- ◇ Multi-station, large flow, integrated design

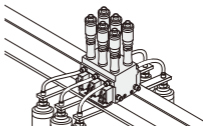
### Advantages

- ◇ Easy installation, easy maintenance, it can be replaced by users themselves
- ◇ Reduce product noise most
- ◇ Customers can open or close according to the actual application conditions to save air source
- ◇ High vacuum level, large flow, it can reach high vacuum level in a short time



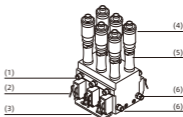
### Applications

- ◇ Suitable for multi-station vacuum grasping applications
- ◇ Suitable for the occasions with high demand on the evacuation time
- ◇ Suitable for fast evacuation occasions in medical and food industry



### Structure

- ◇ (1) Vacuum port
- ◇ (2) Air supply valve
- ◇ (3) Mounting bracket
- ◇ (4) Silencer
- ◇ (5) Vacuum cartridge
- ◇ (6) Air supply port



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### How to order

## AZW - 06V

① ②

① Series	② Vacuum stack quantity
AZW	03V - 3 stacks 06V - 6 stacks

### Technical parameters

Model	Air supply pressure range bar	Rated air supply pressure bar	Max.vacuum level -kPa	Max. vacuum flow NL/min	Air consumption NL/min	Noise level dB(A)
AZW	4.0-7.0	6.0	95	140	135	74

Model	Solenoid valve rated working voltage V	Solenoid valve status	Solenoid valve rated power W	Working temperature °C	Weight kg	Recommended hose dia.mm	Air supply port P	Vacuum port V
AZW	DC24	Normally closed(NC)	5.4	0-60	1.2	2.3	φ10	φ10

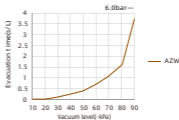
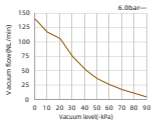
### Vacuum flow(NL/min) at different vacuum levels(-kPa)

Model	Air supply pressure bar	Air consumption NL/min	0	10	20	30	40	50	60	70	80	90	Max. vacuum level -kPa
AZW	6.0	135	140	117	106	76	54	36	26	18	11.5	5.2	95

### Evacuation time(s/L) to reach different vacuum levels(-kPa)

Model	Air supply pressure bar	Air consumption NL/min	1	20	30	40	50	60	70	80	90	Max. vacuum level -kPa
AZW	6.0	135	0.01	0.02	0.08	0.23	0.43	0.71	1.04	1.61	3.72	95

○ Note: The above data is the data of one stack, the actual air consumption and max. vacuum flow need to be multiplied by the number of stack of the vacuum generator

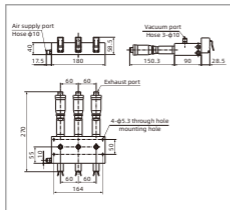


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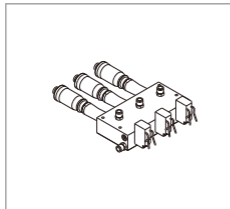
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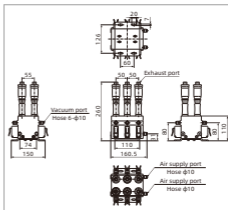
### Dimensions(mm)



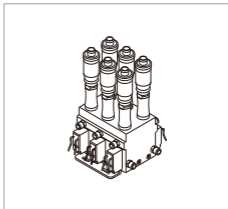
AZW-03V



AZW-03V Schematic diagram



AZW-06V



AZW-06V Schematic diagram