

AGE Series

AIRBEST

Mechanical Energy-saving Vacuum Generator



GLASS



METAL SHEET

Features

- ◇ Mechanical energy saving mode, the generator itself automatically saves energy after the vacuum level reaches the set value, and then the air supply stops
- ◇ Optional energy saving function can save up to 99% of the air consumption
- ◇ Can adapt to a variety of working conditions, can work in dust and water environment
- ◇ Internal blow valve allows rapid release of workpiece and maintain vacuum in sealed applications in the event of system or power failure
- ◇ Internal filter is equipped to protect the device from dust and particles

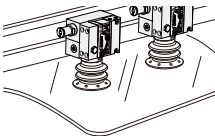
Advantages

- ◇ Energy-saving function is realized by the generator itself, electric control is not required
- ◇ Strong anti-pollution ability
- ◇ Energy-saving function, it can help customers to minimize the cost
- ◇ Two-stage generator, vacuum level can reach to -92kPa quickly



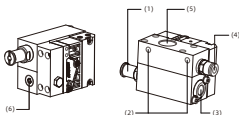
Applications

- ◇ Applicable to glass, metal sheet and other workpieces with good sealed surface
- ◇ Applicable to the occasions with water, dust and other places where the electric precision instrument can not work properly
- ◇ Suitable for glass grinding



Structure

- ◇ (1) Exhaust port
- ◇ (2) Mounting hole
- ◇ (3) Air supply port
- ◇ (4) Vacuum release port
- ◇ (5) Vacuum port
- ◇ (6) Vacuum detecting port



How to order

AGE - ES

① ②

Series	Control device
AGE	Nil - Default, without control device ES - Energy-saving system

Selection

Model/Control device	ES
Nil	
AGE	AGE-ES

Technical parameters

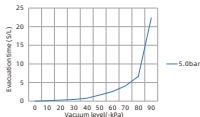
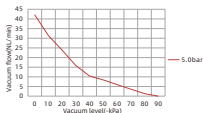
Model	Rated air supply pressure bar	Max. vacuum level -kPa	Max. vacuum flow NL/min	Noise level dB(A)	Weight g
AGE	5.0	92	41	68.5	177
AGE-ES	5.0	92	41	68.5	258

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

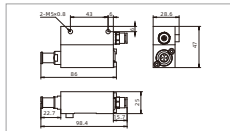
Model	Air supply pressure bar	Air consumption NL/min	0	10	20	30	40	50	60	70	80	90	Max. vacuum level -kPa
AGE	5.0	29	42.1	31.3	23.8	15.8	10.4	8.4	6.0	3.6	1.3	0	92

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

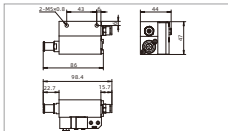
Model	Air supply pressure bar	Air consumption NL/min	10	20	30	40	50	60	70	80	90	Max. vacuum level -kPa
AGE	5.0	29	0.14	0.28	0.47	0.79	1.64	2.59	4.09	6.68	22.32	92



Dimensions(mm)

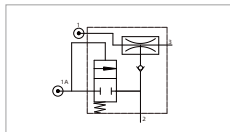


AGE

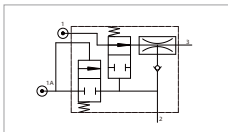


AGE-ES

Air circuit schematic diagram



AGE



AGE-ES