Features

Vacuum port and supply port are located collinearly to facilitate piping built-in one-touch fittings, suitable for copper-free and fluorine-free applications. Light weight, use resin as material

Specifications

Model	Style	Nozzle dia. Φmm	Max.vacuum pressure(kpa)	Max.vacuum flow l/min	Air consumption l/min	weight (g)
AZU05S	High vacuum	0.5	-85	7	10	6.5
AZU07S		0.7	-85	12	19	7.0
AZU05L	Large flow capcity	0.5	-48	12	10	6.5
AZU07L		0.7	-48	21	19	7.0

Technical Parameters

Fluid	Air
Max.operating pressure	7bar
Standard supply pressure	4.5bar
Operating temperature range	5~60℃
Applicable tube O.D.	SUP port: Φ6 VAC port: Φ6

How to Order

AZU ① 05 ② S

① Nozzle diameter

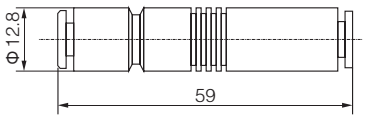
05	Φ0.5mm
07	Φ0.7mm

② Max.vacuum pressure

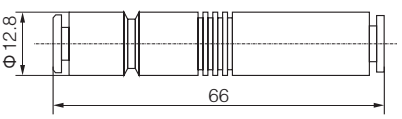
S	-85kPa
L	-48kPa

Dimensions (mm)

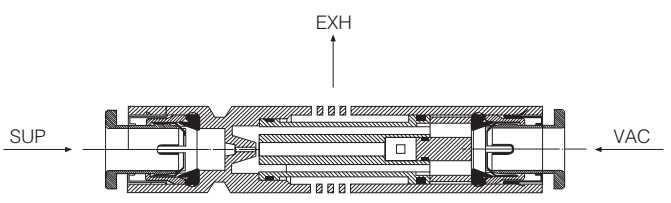
• AZU05S
AZU05L



• AZU07S
AZU07L



Construction



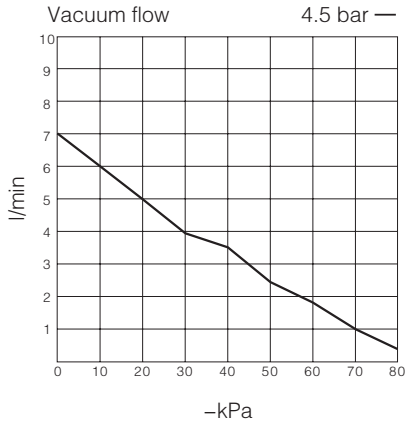
Vacuum flow(l/min)at different vacuum levels(–kPa)

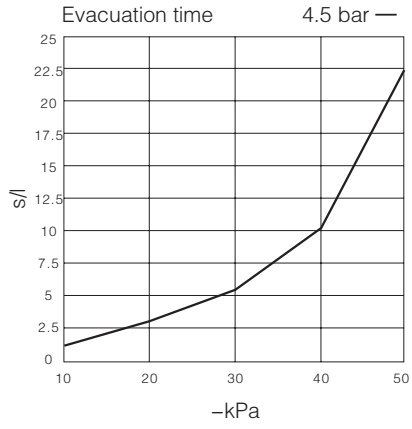
Model \ –kPa	Air supply pressure	Air consumption	0	10	20	30	40	50	60	70	80	Max.vacuum level
AZU05S	4.5 bar	9 l/min	7	6	5	4	3.5	2.5	1.8	1	0.4	–85kPa
AZU07S		19 l/min	12	9.5	8.5	7.2	6	5.5	4	2	0.4	

Evacuation time(s/l)to reach different vacuum levels(–kPa)

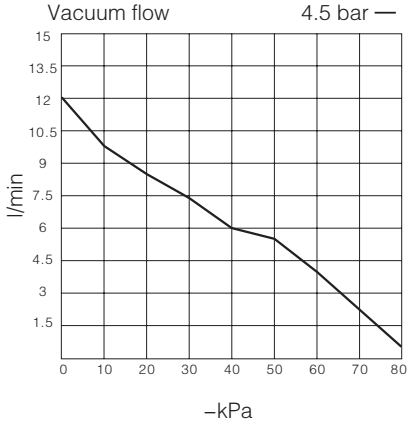
Model \ –kPa	Air supply pressure	Air consumption	10	20	30	40	50	60	Max.vacuum level
AZU05S	4.5 bar	9 l/min	0.9	2.6	5.2	10	22.5	–	–85kPa
AZU07S		19 l/min	0.53	1.4	2.7	5	8.7	18	

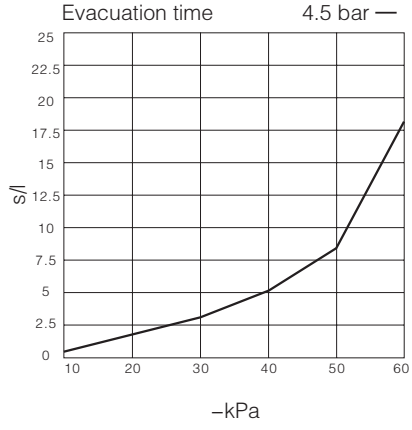
• AZU05S





• AZU07S





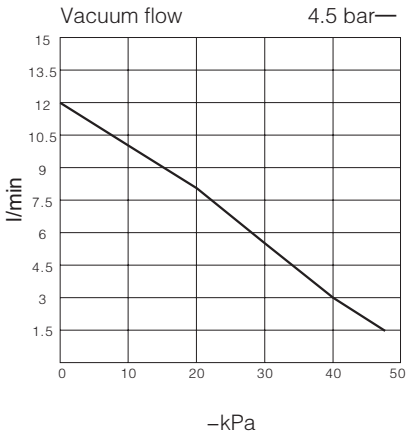
Vacuum flow(l/min)at different vacuum levels(–kPa)

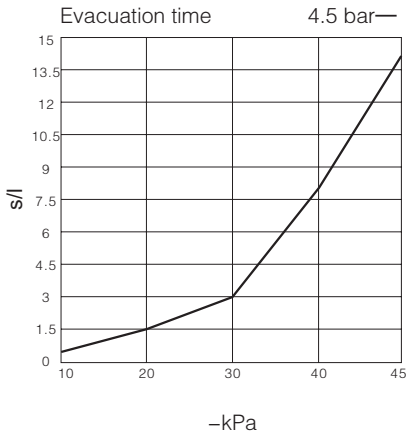
Model \ –kPa	Air supply pressure	Air consumption	0	10	20	30	40	48	Max.vacuum level
AZU05L	4.5 bar	9 l/min	12	10	8	5.5	3	1	–48kPa
AZU07L		19 l/min	21	18.5	15.5	11.5	8	1.5	

Evacuation time(s/l)to reach different vacuum levels(–kPa)

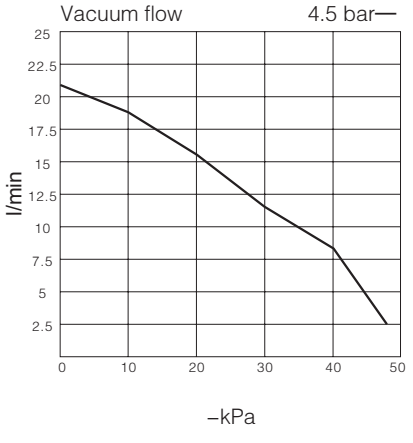
Model \ –kPa	Air supply pressure	Air consumption	10	20	30	40	45	Max.vacuum level
AZU05L	4.5 bar	9 l/min	0.6	1.5	2.9	8	14	–48kPa
AZU07L		19 l/min	0.34	0.9	2	7.5	13	

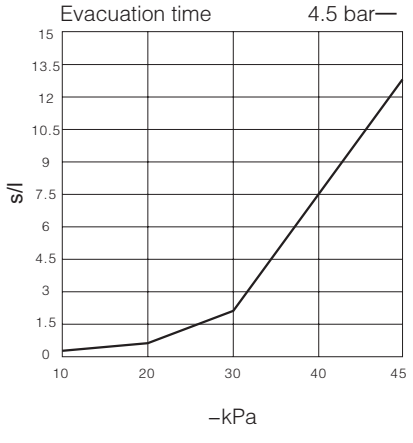
• AZU05L





• AZU07L





Features

☆ Plastic housing optimized for minimum weight and size
☆ Connections with thread holes
☆ Open type silencer

Advantages

☆ Ideal for decentralized vacuum generation in highly dynamic processes
☆ Various power ratings for minimum air consumption
☆ Space–saving and easy to install
☆ Low noise levels and minimum maintenance requirements

Applications

☆ Use in feeder systems
☆ Handling of electronic components
☆ Use in separation systems for plastic and sheet–metal machining
☆ Construction of ejector blocks for decentralized individual control of suction pads

Construction

☆ One–piece housing made of light, impact–resistant plastic
☆ Connection of compressed air and vacuum with threaded holes
☆ Pleasing industrial design
☆ Can be fixed horizontal with mounting holes or vertical with the base on a mounting plate
☆ Optional mounting with mounting plate and mounting kit on DIN top–hat rails

Specifications

Model	Nozzle diameter (mm)	Vacuum level (–kPa)	Max. vacuum flow [l/min]	Air consumpt. during evac. [l/min]*	Noise level workp. gripped [db(A)]
ASBP 10 SDA	1.0	–85	38	50	59
ASBP 15 SDA	1.5	–85	72	110	65

*For max. length 2m

Model	Noise level free [db(A)]	Operating pressure [bar]	Recomm. int. tube diameter compr. air [mm]*	Recomm. int. tube diameter vacuum [mm]*	Weight [g]*	Operating temperature [℃]
ASBP 10 SDA	65	4.5	4	6	22.0	0–60
ASBP 15 SDA	72	4.5	4	6	22.0	0–60

*For max. length 2m

How to Order

ASBP 15 G2 SDA
① ② ③

① Nozzle size

10	Φ1.0
15	Φ1.5

②

Thread hole	G2(see the table)

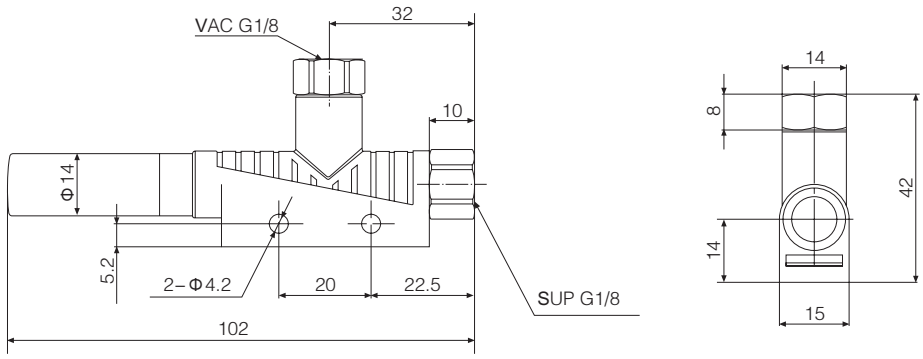
③

Blank	Nil
SDA	With axial silencer

• Connection Thread

Model	Connection:quick–action push–in coupling/Thread hole	
	SUP	VAC
ASBP 10 G2	G 1/8	G 1/8
ASBP 15 G2		

Dimensions (mm)



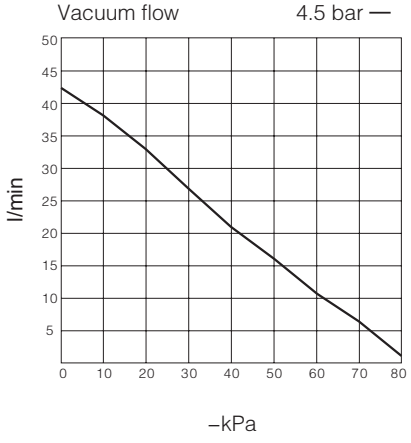
Vacuum flow(l/min)at different vacuum levels(–kPa)

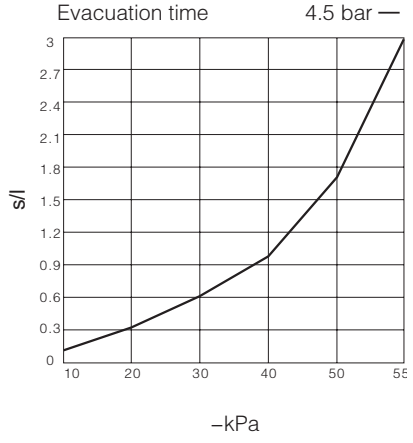
Model \ –kPa	Air supply pressure	Air consumption	0	10	20	30	40	50	60	70	80	Max.vacuum level
ASBP10	4.5 bar	50 l/min	38	30	26	23	18.6	16	11	7	1.8	–85kPa
ASBP15		110 l/min	72	60	52	44	36	30	24	15.5	2.2	

Evacuation time(s/l)to reach different vacuum levels(–kPa)

Model \ –kPa	Air supply pressure	Air consumption	10	20	30	40	50	60	70	Max.vacuum level
ASBP10	4.5 bar	50 l/min	0.123	0.323	0.6	1	1.72	3	–	–85kPa
ASBP15		110 l/min	0.06	0.18	0.32	0.52	0.81	1.32	2.7	

• **ASBP10**





• **ASBP15**