

In-line Type Vacuum Ejector

ZU□A Series



How to Order

ZU05SA□

● Nozzle diameter

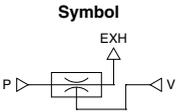
03	0.3 mm
04	0.4 mm
05	0.5 mm
07	0.7 mm

● Port size

Symbol	Port size	ZU03/04	ZU05/07
NII	ø4 One-touch fitting	●	—
	ø6 One-touch fitting	—	●
01	Rc1/8 female thread	—	●
N	ø5/32"	●	—

● Ultimate vacuum pressure

Symbol	Ultimate vacuum pressure	ZU03/04	ZU05/07
S	-85 kPa (ZU03)/-87 kPa (ZU04)	●	—
	-90 kPa	—	●
L	-40 kPa	●	—
	-48 kPa	—	●



Specifications

Operating temperature range	-5 to 50°C (No freezing)	
Fluid	Air	
Applicable tubing material	FEP, PFA, Nylon, Soft nylon, Polyurethane	
Operating pressure range	0.1 to 0.6 MPa	
Standard supply pressure	ZU03/04	0.35 MPa
	ZU05/07	0.45 MPa

Ejector Specifications^{*1}

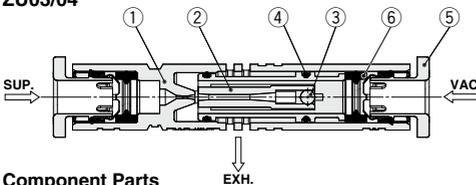
Model	Nozzle diameter [mm]	Ultimate vacuum pressure ^{*2} [kPa]		Maximum suction flow rate ^{*2} [L/min (ANR)]		Air consumption ^{*2} [L/min (ANR)]	Weight [g]	
		Type S	Type L	Type S	Type L		One-touch connection	Screw-in connection
ZU03□A	0.3	-85	-40	1.8	3.4	4.2	2.4	—
ZU04□A	0.4	-87	-40	3.2	5.8	7.7		
ZU05□A	0.5	-90	-48	7	13	14	3.9	18.6
ZU07□A	0.7			11	16	28	4.3	19.1

*1 The values indicating characteristics are representative values, and may vary depending on the atmospheric pressure (weather, altitude, etc.) and measurement method.

*2 Standard supply pressure

Construction

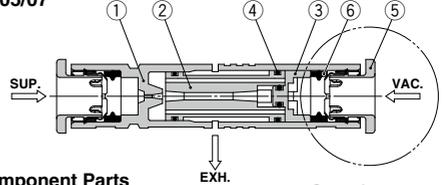
ZU03/04



Component Parts

No.	Description	Material	Note
1	Body	Resin	
2	Diffuser	Resin	
3	Steel ball	Stainless steel	
4	O-ring	NBR	Grease applied
5	Cassette	—	
6	Seal	NBR	Grease applied

ZU05/07



Component Parts

No.	Description	Material	Note
1	Body	Resin	
2	Diffuser	Resin	
3	Cap	Resin	
4	O-ring	NBR	Grease applied
5	Cassette	—	
6	Seal	NBR	Grease applied
7	Screw-in stud	Brass	Electroless nickel plating

