

## EZU

### Vacuum Generator



#### Application

- Compact piped design with quick connectors, mounts directly on vacuum suction hoses, no fixation needed, reducing installation costs and easy to maintain.
- Fast vacuum response, high vacuum level, large flow rate, stable performance.
- High-grade plastic molding, operable at  $-20^{\circ}\text{C}$  to  $80^{\circ}\text{C}$  (non-freezing) in hazardous and highly corrosive environments.

#### How to Order?

Series No.	Nozzle Diameter	Vacuum Pressure Reached	A	Port Connection Diameter																		
EZU	05: $\varnothing 0.5$ 07: $\varnothing 0.7$	<table border="1"> <thead> <tr> <th>Code</th> <th>Vacuum Pressure Reached</th> <th>EZU05/07</th> </tr> </thead> <tbody> <tr> <td>S</td> <td>-90kPa</td> <td>●</td> </tr> <tr> <td>L</td> <td>-48kPa</td> <td>●</td> </tr> </tbody> </table>	Code	Vacuum Pressure Reached	EZU05/07	S	-90kPa	●	L	-48kPa	●		<table border="1"> <thead> <tr> <th>Code</th> <th>Port Connection Diameter</th> <th>EZU05/07</th> </tr> </thead> <tbody> <tr> <td>Blank</td> <td><math>\varnothing 6</math> Quick-Connect Coupling</td> <td>●</td> </tr> <tr> <td>01</td> <td>Rc1/8 Internal Thread</td> <td>●</td> </tr> </tbody> </table>	Code	Port Connection Diameter	EZU05/07	Blank	$\varnothing 6$ Quick-Connect Coupling	●	01	Rc1/8 Internal Thread	●
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#### Order Example:

EZU Series Vacuum Generator, 0.5 diameter nozzle, -90kPa vacuum pressure reached, Rc1/8 internal thread port connection, its order code is: EZU05SA01

#### Performance Parameters

Model	Nozzle Diameter (mm)	Vacuum Pressure Reached <sup>※1</sup> (kPa)		Maximum Suction Flow Rate <sup>※1</sup> [L/min(ANR)]		Air Consumption <sup>※2</sup> [L/min(ANR)]	Weight(g)	
		S Type	L Type	S Type	L Type		Quick-Connect	Threaded Connection
EZU05□A	$\varnothing 0.5$	-90	-48	7	13	14	3.9	18.6
EZU07□A	$\varnothing 0.7$	-90		11	16		4.3	19.1

※1: The values indicated for each characteristic are reference values and may vary depending on atmospheric pressure (weather, altitude, etc.) or measurement methods.

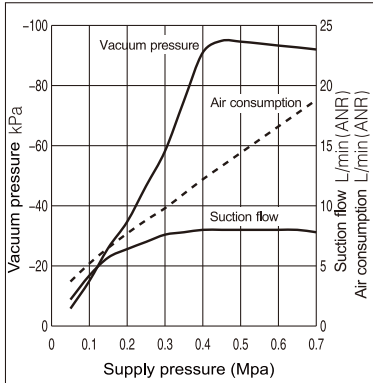
※2: Values at standard supply pressure.

Operating temp range	$-5\sim 50^{\circ}\text{C}$ (not frozen)	
Operating Fluid	Air	
Suitable Pipe Materials	FEP, PFA, Nylon, Soft Nylon, Polyurethane	
Operating Pressure Range	0.1~0.6MPa	
Standard Supply Pressure	EZU05, 07	0.45MPa

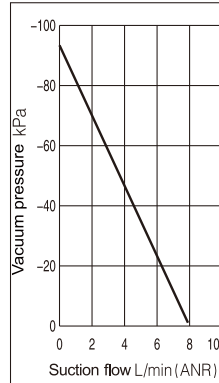
## Vacuum Exhaust & Flow Features

### EZU05SA

Exhaust traits

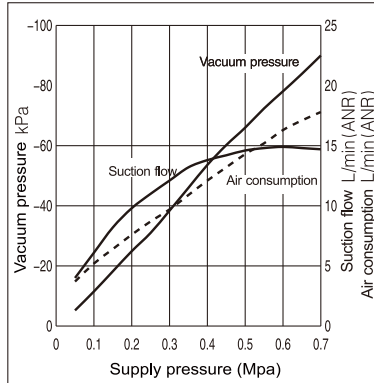


Flow Features (At 0.45MPa)

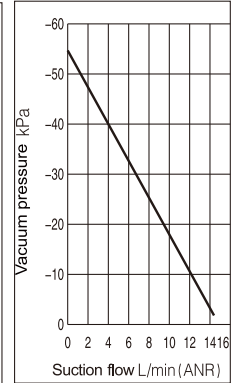


### EZU05LA

Exhaust traits

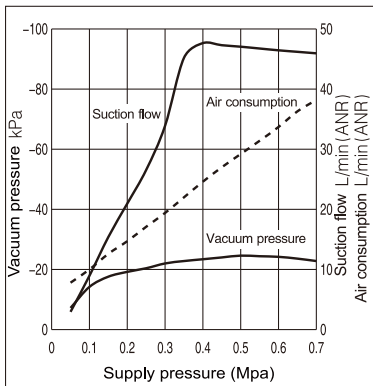


Flow Features (At 0.45MPa)

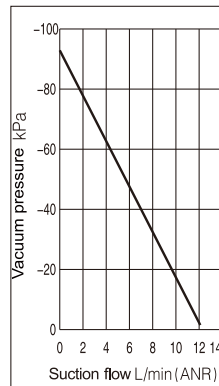


### EZU07SA

Exhaust traits

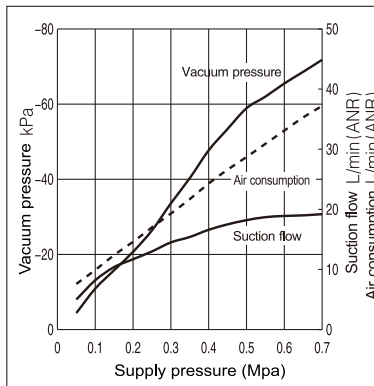


Flow Features (At 0.45MPa)

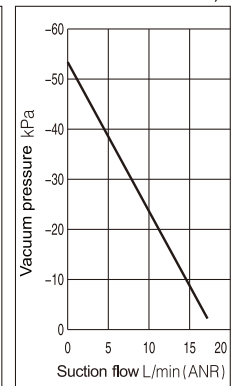


### EZU07LA

Exhaust traits

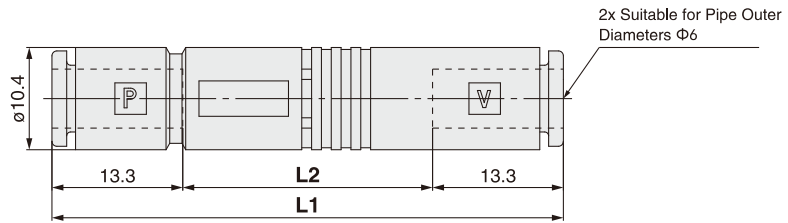
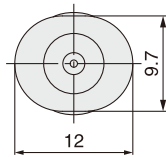


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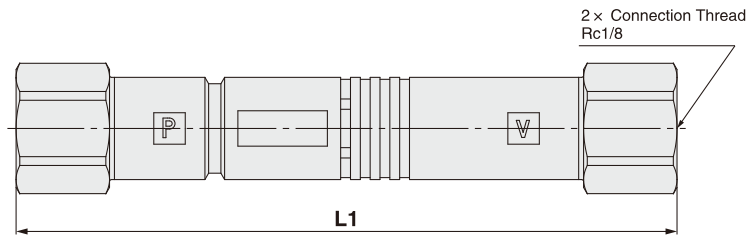
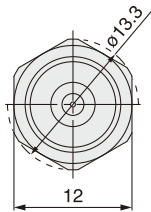


## ◎ L-Type/DIN Rail Mounting Bracket

EZU05、07



Model	L1	L2
EZU05□A	52	25.4
EZU07□A	59	32.4



Model	L1
EZU05□A01	67.2
EZU07□A01	74.2