



# ZU Vacuum Pumps/Generator Basic



## Features

- Pipe-style design, no special installation required.
- Standard equipped with quick-connect fittings, easy to connect.
- Made of resin, lightweight.
- Standard models are already copper-free specifications.

## Technical Specifications

Model	type	Nozzle Ømm	Maximum vacuum level(kPa)	Maximum vacuum flow rate(l/min)	Air consumption rate(l/min)	Weight (g)
ZU05S	High vacuum type	0.5	-85	7	10	6.5
ZU07S		0.7	-85	12	19	7.0
ZU05L	High flow type	0.5	-48	12	10	6.5
ZU07L		0.7	-48	21	19	7.0

## Order Code

ZU   05   S  
           ①       ②

① Nozzle diameter

05	Ø0.5mm
07	Ø0.7mm

② Maximum vacuum level

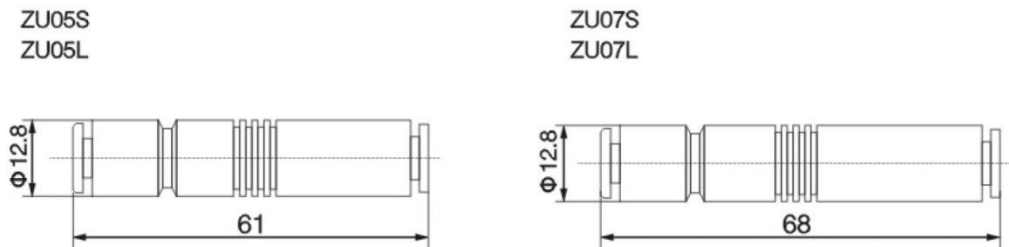
S	-85kPa
L	-48kPa



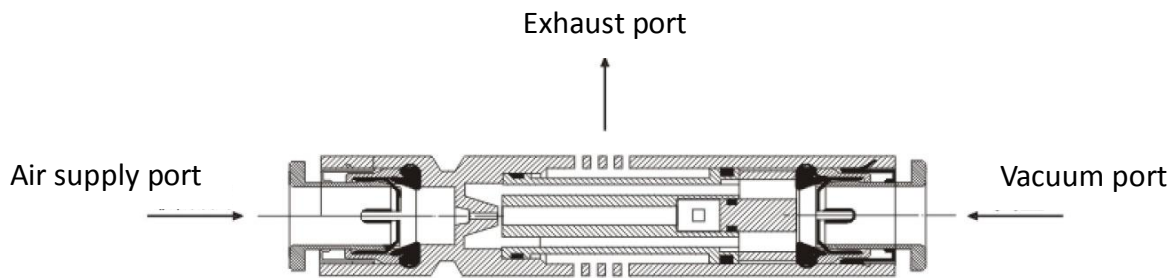
## Product parameters

Fluid used	Air
Maximum operating pressure	7bar
Standard operating pressure	4.5bar
Fluid and environmental temperature	5~60°C
Suitable pipe outer diameter	Inlet port: Ø6 ; Vacuum port: Ø6

## Dimensions(mm)



## Structural diagram





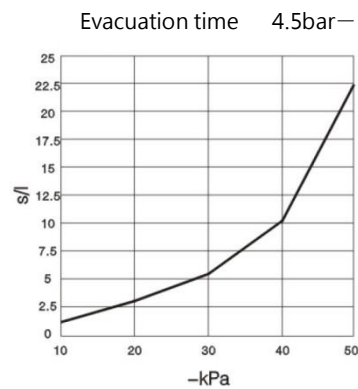
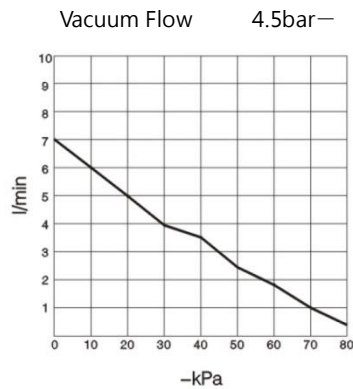
## The vacuum flow (l/min) at different vacuum levels (-kPa)

Model \ -kPa	Supply air pressure	Air consumption rate	0	10	20	30	40	50	60	70	80	Maximum vacuum level
			ZU05S	4.5bar	9 l/min	7	6	5	4	3.5	2.5	
ZU07S	19 l/min	12	9.5		8.5	7.2	6	5.5	4	2	0.4	

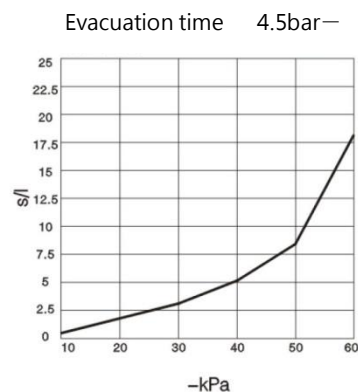
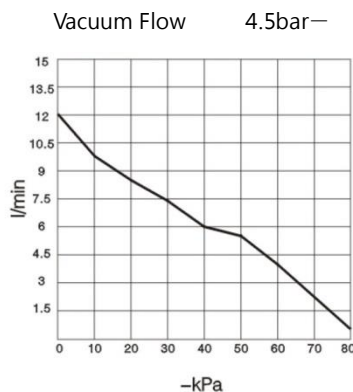
## The evacuation time (s/l) at different vacuum levels (-kPa)

Model \ -kPa	Supply air pressure	Air consumption rate	10	20	30	40	50	60	Maximum vacuum level
			ZU05S	4.5bar	9 l/min	0.9	2.6	5.2	
ZU07S	19 l/min	0.53	1.4		2.7	5	8.7	18	

### ZU05S



### ZU07S





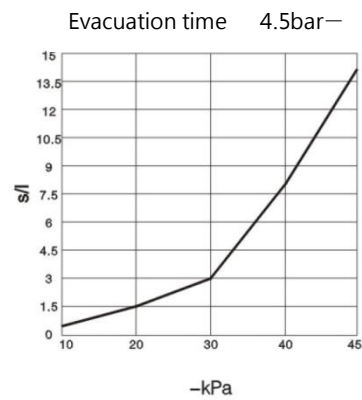
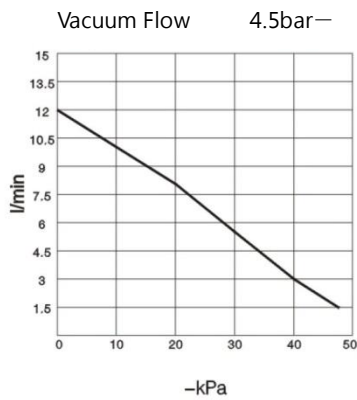
## The vacuum flow (l/min) at different vacuum levels (-kPa)

-KPa \ Model	Supply air pressure	Air consumption rate	0	10	20	30	40	48	Maximum vacuum level
ZU05L	4.5bar	9 l/min	12	10	8	5.5	3	1	-48kPa
ZU07L		19 l/min	21	18.5	15.5	11.5	8	1.5	

## The evacuation time (s/l) at different vacuum levels (-kPa)

-KPa \ Model	Supply air pressure	Air consumption rate	10	20	30	40	45	Maximum vacuum level
ZU05L	4.5bar	9 l/min	0.6	1.5	2.9	8	14	-48kPa
ZU07L		19 l/min	0.34	0.9	2	7.5	13	

### ZU05L



### ZU07L

