



# Single Ejectors compatible with various piping conditions VSH, VSU, VSC Series

● Nozzle diameter:  $\varnothing 0.5$ ,  $\varnothing 0.7$ ,  $\varnothing 1.0$ ,  $\varnothing 1.2$ ,  $\varnothing 1.5$ ,  $\varnothing 2.0$



## Common Specifications

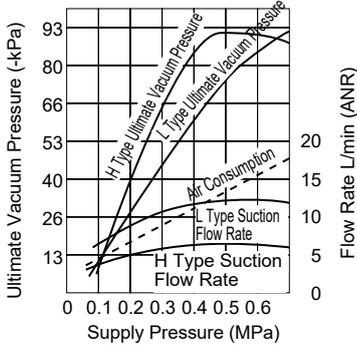
Item	VSH/VSU/VSC
Operating Fluid	Air
Operating Pressure MPa	0.15 to 0.7
Ambient / Fluid Temperature (°C)	0 to 60

## Vacuum Characteristics, Flow Characteristics

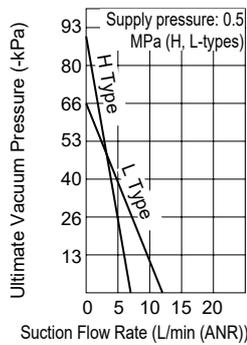
### Supply Pressure - Ultimate Vacuum Pressure, Suction Flow Rate, Air Consumption

● VSH-05, VSU-05

#### Vacuum Characteristics

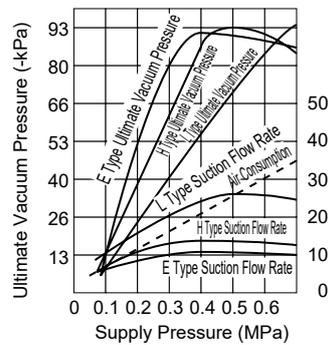


#### Flow Characteristics

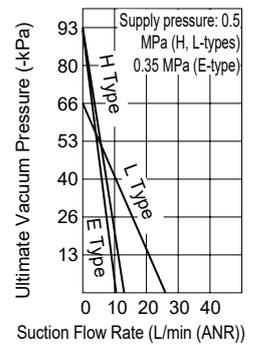


● VSH-07, VSU-07, VSC-07

#### Vacuum Characteristics

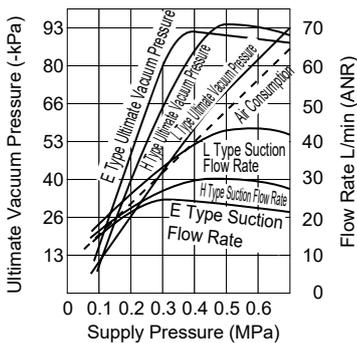


#### Flow Characteristics

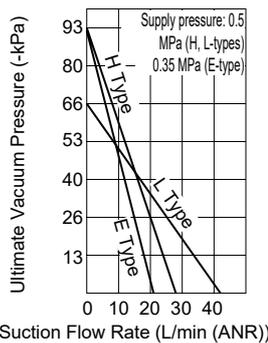


● VSH-10, VSC-10

#### Vacuum Characteristics

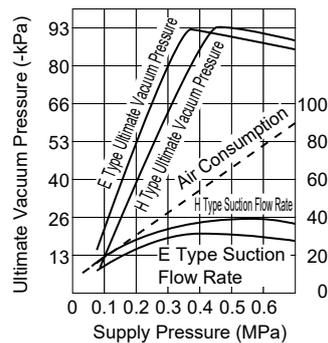


#### Flow Characteristics

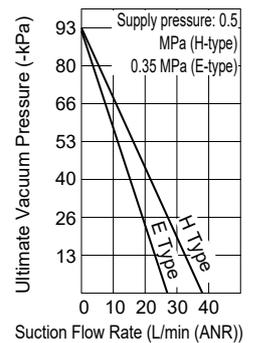


● VSH-12, VSC-12

#### Vacuum Characteristics

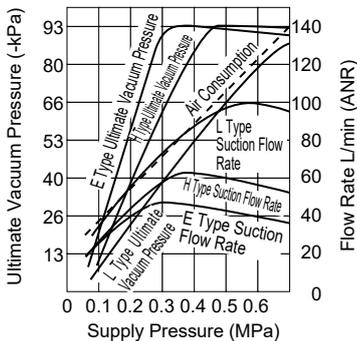


#### Flow Characteristics

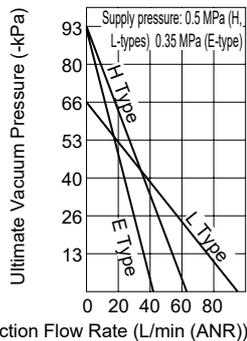


● VSH-15, VSC-15

#### Vacuum Characteristics

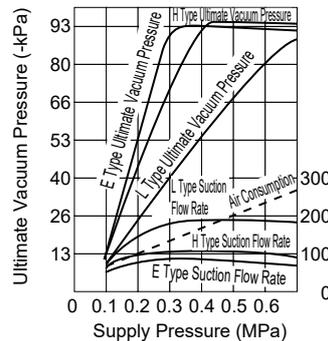


#### Flow Characteristics

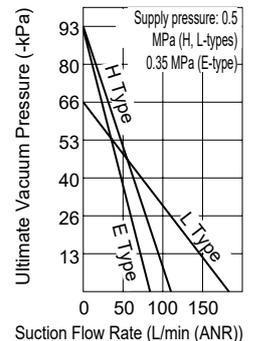


● VSH-20, VSC-20

#### Vacuum Characteristics



#### Flow Characteristics



### Compatibility table by variation

	VSH	VSU	VSC
Connection Port Size	ø4 to ø12, M5, R1/8 to R3/8		
P4	●	●	●

●: Applicable models ○: Semi-Applicable models  
▲: Please inquire □: Not applicable

Model No. Notation Method \*For available model number combinations, please visit the CKD Components site (<https://www.ckd.co.jp/kiki/en/>) → "Model No."

**VS H - H 07 - 10 8A J - P4**

Ⓐ Shape

Ⓑ Vacuum Characteristics

Ⓒ Nozzle Diameter

Ⓓ Vacuum Port (V)

Ⓔ Air Supply Port (P)

Ⓕ Additional Function

Code	Content
<b>Ⓐ Shape</b>	
H	Solenoid valve direct mounting
U	Tubular Type
C	Pad direct mounting
<b>Ⓑ Vacuum Characteristics</b>	
H	High Vacuum/Medium Flow Type
L	Medium Vacuum/High Flow Type
E	High Vacuum/Low Flow Type
<b>Ⓒ Nozzle Diameter</b>	
05	ø0.5
07	ø0.7
10	ø1.0
12	ø1.2
15	ø1.5
20	ø2.0
<b>Ⓓ Vacuum Port (V)</b>	
4	ø4 Push-in fitting (VSH, VSU)
6	ø6 push-in fitting (VSH, VSU)
8	ø8 push-in fitting (VSH)
10	ø10 push-in fitting (VSH)
12	ø12 push-in fitting (VSH)
M5	M5×0.5(VSU)
6A	R1/8(VSU, VSC)
8A	R1/4(VSC)
10A	R3/8(VSC)
<b>Ⓔ Air Supply Port (P)</b>	
4	ø4 Push-in fitting (VSU)
6	ø6 push-in fitting (VSU, VSC)
6L	ø6 push-in fitting elbow (VSC)
8	ø8 push-in fitting (VSC)
8L	ø8 push-in fitting elbow (VSC)
10	ø10 push-in fitting (VSC)
10L	ø10 push-in fitting elbow (VSC)
12	ø12 push-in fitting (VSC)
M5	M5×0.5(VSH)
6A	R1/8(VSH)
8A	R1/4(VSH)
10A	R3/8(VSH)
<b>Ⓕ Additional Function</b>	
J	Centralized Exhaust

For details,



CKD components Products website (<https://www.ckd.co.jp/kiki/en/>) → Refer to "Model No."