



Vacuum system equipment SELVACS
Catalog No. CC-796A

Single ejectors

VSH/VSC-FP1 Series

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



Common specifications

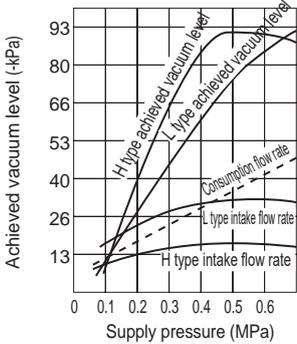
Item	Specifications
Working fluid	Air
Working pressure MPa	0.15 to 0.7
Operating ambient/fluid temperatures °C	0 to 60

Vacuum characteristics, flow characteristics

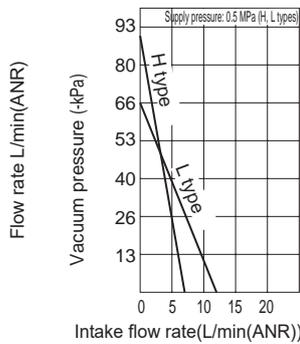
Supply pressure - achieved vacuum pressure, intake flow rate, air consumption rate

●VSH-*05

Vacuum characteristics

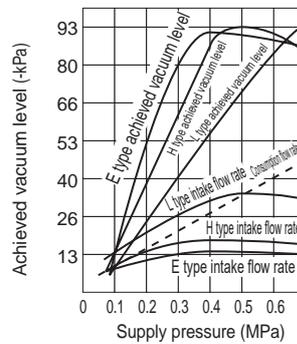


Flow characteristics

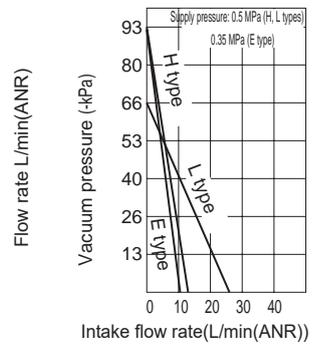


●VSH-*07, VSC-*07

Vacuum characteristics

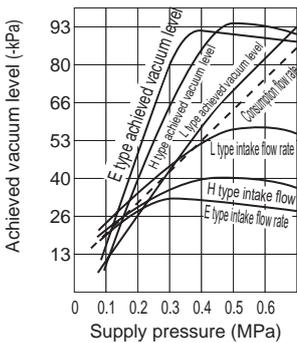


Flow characteristics

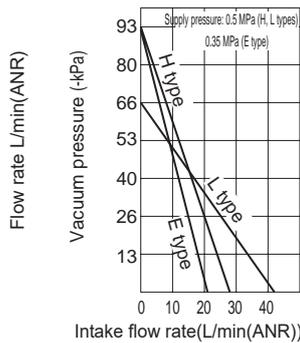


●VSH-*10, VSC-*10

Vacuum characteristics

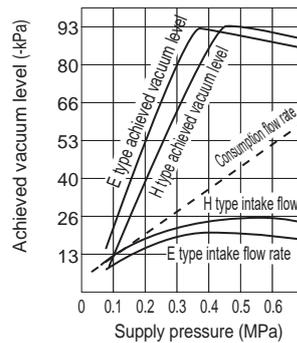


Flow characteristics

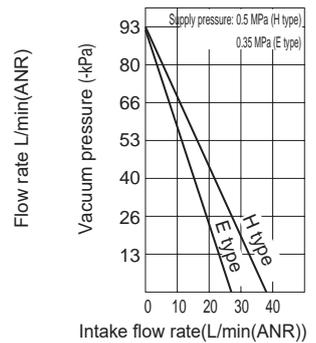


●VSH-*12, VSC-*12

Vacuum characteristics

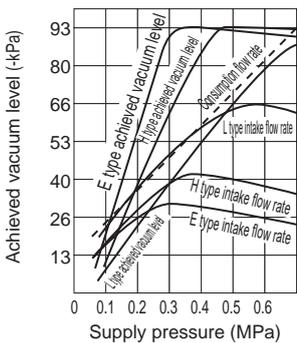


Flow characteristics

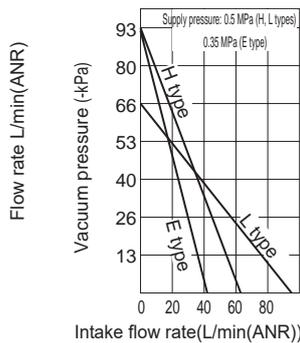


●VSH-*15, VSC-*15

Vacuum characteristics

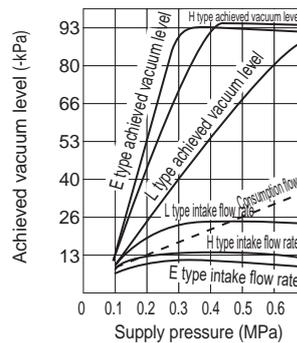


Flow characteristics

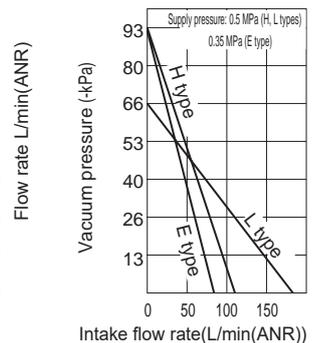


●VSH-*20, VSC-*20

Vacuum characteristics



Flow characteristics



VSH/VSC-FP1 Series

How to order/Internal structure and parts list

How to order * Refer to vacuum system component SELVACS (CC-796A) for combinations of selectable model numbers.

VS **H** - **H** **07** - **10** **8A** **J** - FP1

A Shape

B Vacuum characteristics

C Nozzle diameter

D Vacuum port (V)

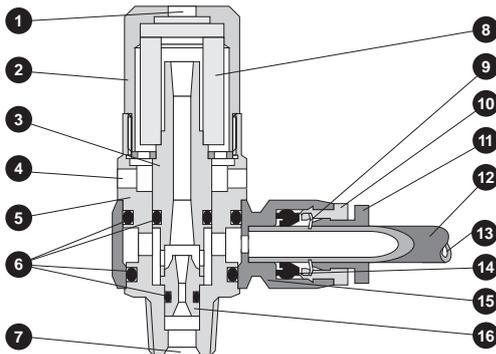
E Air supply port (P)

F Additional functions

Code	Description
A Shape	
H	Solenoid valve direct mounting
C	Pad direct mounting
B Vacuum characteristics	
H	High vacuum/medium flow rate
L	Medium vacuum/large flow rate
E	High vacuum/low flow rate
C Nozzle diameter	
05	ø0.5
07	ø0.7
10	ø1.0
12	ø1.2
15	ø1.5
20	ø2.0
D Vacuum port (V)	
4	ø4 Push-in fitting (VSH)
6	ø6 Push-in fitting (VSH)
8	ø8 Push-in fitting (VSH)
10	ø10. Push-in fitting (VSH)
12	ø12 Push-in fitting (VSH)
M5	M5x0.5 (VSC)
6A	R1/8 (VSC)
8A	R1/4 (VSC)
10A	R3/8 (VSC)
E Air supply port (P)	
4	ø4 Push-in fitting (VSC)
6	ø6 Push-in fitting (VSC)
8	ø8 Push-in fitting (VSC)
10	ø10 push-in fitting (VSC)
12	ø12 push-in fitting (VSC)
M5	M5x0.5 (VSH)
6A	R1/8 (VSH)
8A	R1/4 (VSH)
F Additional functions	
S	Atmospheric release with silencer
J	Common exhaust

Internal structure and parts list

● VSH Series



Part number	Part name	Material	Remarks
1	Exhaust port (EX)		
2	Cap	Aluminum	
3	Diffuser	Copper alloy	Electroless nickel plating
4	Exhaust port (EX)		
5	Metal body	Copper alloy	Electroless nickel plating
6	O-ring	Nitrile rubber	
7	Air supply port (P)		
8	Silencer element	Polyvinyl formal	
9	Lock claw	Stainless steel	
10	Guide ring	Copper alloy	Electroless nickel plating
11	Release ring	Polyacetal	
12	Tube		
13	Vacuum port (V)		
14	Elastic sleeve	Nitrile rubber	
15	Resin body	Polybutylene terephthalate	
16	Nozzle	Copper alloy	Electroless nickel plating

Refer to the VSH/VSC Series of "Vacuum system Component SELVACS (CC-796A)" for dimensions.

Electric actuator
 Pneumatic cylinders
 Assistive device
 Pneumatic valves
 F.R./Auxiliary Components
 Electronic Component
 Vacuum components
 Main line components
 Fluid control valves
 Main line components
 Anti-bacterial/bacteria-removing filter
 Vacuum components
 Fluid control valves