

Discrete type for different piping conditions

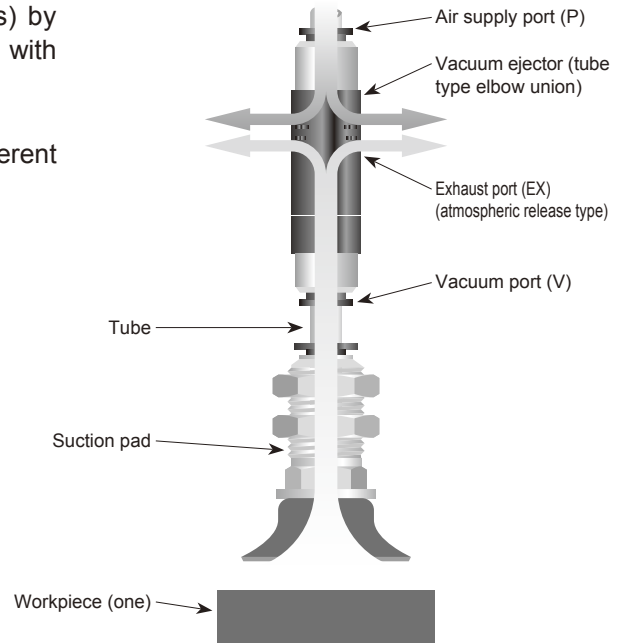
VSH/VSU/VSB/VSC Series

- Nozzle diameter: $\varnothing 0.5$, $\varnothing 0.7$, $\varnothing 1.0$, $\varnothing 1.2$, $\varnothing 1.5$, $\varnothing 2.0$
Different performance and shape are available to match different conditions.



Features

- This ejector can be used to transport workpieces (objects) by changing compressed air to a vacuum and using combined with a vacuum pad.
- Different performance and shape are available to match different conditions.



Common specifications

| Descriptions | VSH/VSU/VSB/VSC |
|------------------------------|-----------------|
| Working fluid | Compressed air |
| Working pressure range MPa | 0.15 to 0.7 |
| Ambient temperature range °C | 0 to 60 |

Square shaped/vacuum switch mounted type (VSB) / mechanical vacuum switch specifications

| Descriptions | Mechanical vacuum switch |
|------------------------------------|--------------------------|
| Pressure detection method | Diaphragm - micro switch |
| Working fluid | Low vacuum/air |
| Ambient temperature range °C | 0 to 60 (no freezing) |
| Rated electricity | 3A 250V |
| Set pressure range kPa | -20 to -66 |
| Precision kPa | ± 5 |
| Hysteresis kPa | 22 or less |
| Setting pressure when shipping kPa | -53 |

How to order * Refer to the tables of dimensions on pages 18 to 28.

VS H - H 07 - 10 8A J

A Shape

B Vacuum characteristics

C Nozzle diameter

D Vacuum port (V)

E Air supply port (P)

F Additional

| Symbol | Descriptions |
|---------------------------------|---|
| A Shape | |
| H | Solenoid valve directly mounted type |
| U | Tube type |
| C | Pad directly mounted type |
| B | Square shaped |
| B Vacuum characteristics | |
| H | High vacuum/medium flow type |
| L | Medium vacuum/large flow rate type |
| E | High vacuum/small flow rate type |
| 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 joint |
| 6 | ø6 push-in joint |
| 8 | ø8 push-in joint |
| 10 | ø10 push-in joint |
| 12 | ø12 push-in joint |
| M5 | M5 x 0.5 |
| 6A | R1/8 |
| 8A | R1/4 |
| 10A | R3/8 |
| E Air supply port (P) | |
| 4 | ø4 push-in joint |
| 6 | ø6 push-in joint |
| 6L | ø6 push-in joint elbow |
| 8 | ø8 push-in joint |
| 8L | ø8 push-in joint elbow |
| 10 | ø10 push-in joint |
| 10L | ø10 push-in joint elbow |
| 12 | ø12 push-in joint |
| M5 | M5 x 0.5 |
| 6A | R1/8 |
| 8A | R1/4 |
| F Additional | |
| S | Atmospheric release with silencer (VSH/VSU/VSC) |
| J | Common exhaust (VSH/VSU/VSC) |
| V | With mechanical vacuum switch (VSB) |
| Blank | Without pressure switch for vacuum (VSB) |

Ejector system

VSJ

VSH-VSU
VSB-VSC

VSG

VSK
VSKM

VSJ
VSJM

VSX
VSXM

VSQ

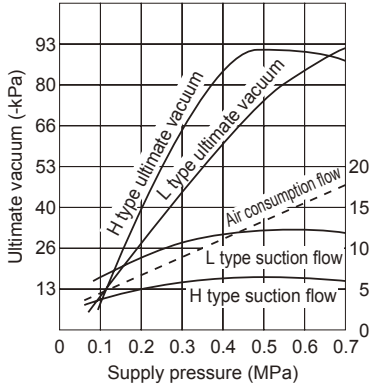
VSZM

VSH/VSU/VSB/VSC Series

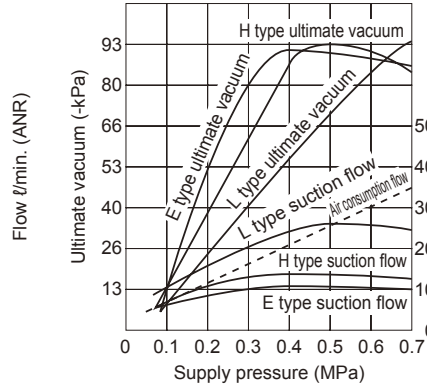
Vacuum characteristics

Supply pressure - ultimate vacuum, suction flow, air consumption flow

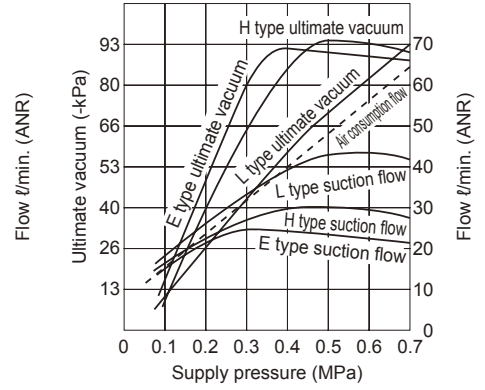
● VSH- Γ 05, VSB- Γ 05



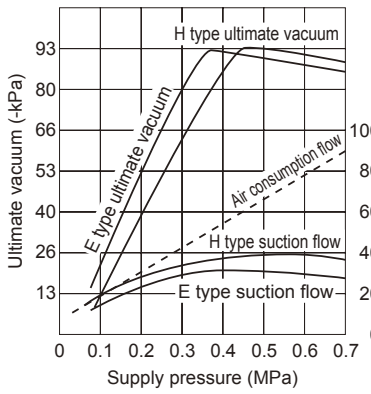
● VSH-*07, VSB-*07, VSC-*07



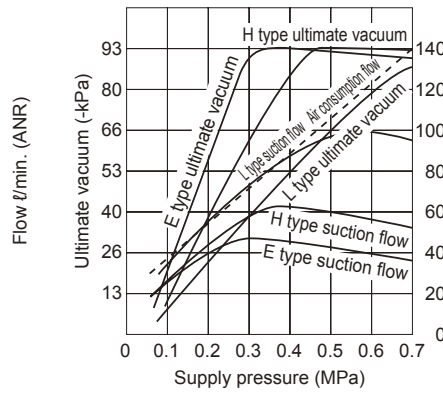
● VSH-*10, VSB-*10, VSC-*10



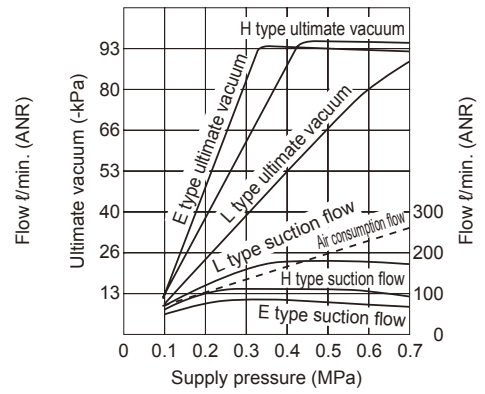
● VSH-H12, VSB-H12, VSC- Γ 12



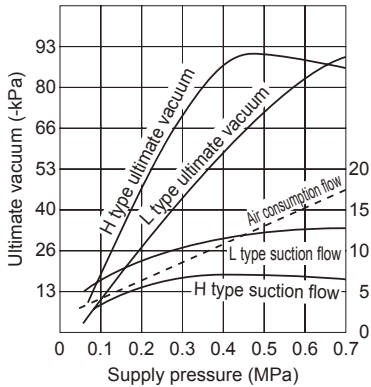
● VSH-*15, VSC-*15



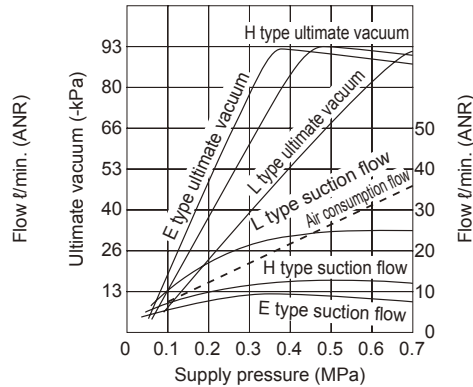
● VSH-*20, VSC-*20



● VSU- Γ 05, VSC- Γ 05



● VSU-*07

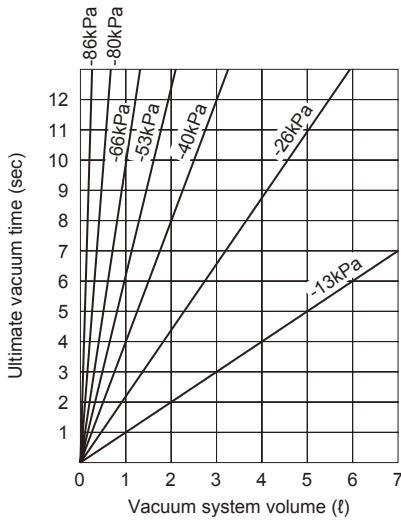


Vacuum characteristics

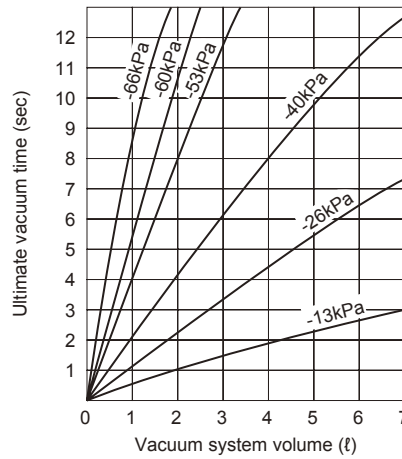
(References) Ultimate vacuum time (supply pressure H type: 0.5MPa, L type: 0.5MPa, E type: 0.3 to 0.5MPa)

* Values differ with vacuum system piping shape, etc., so use these valves for reference.

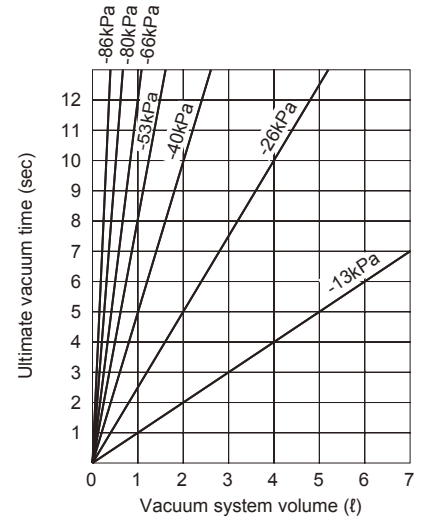
● VSH-H05, VSB-H05



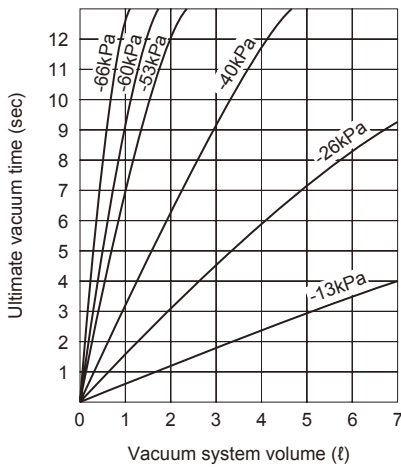
● VSH-L05, VSB-L05



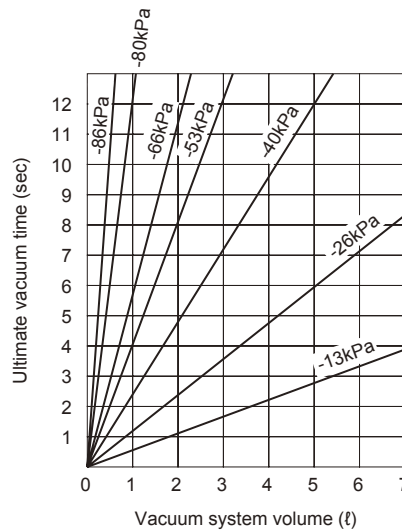
● VSU-H05



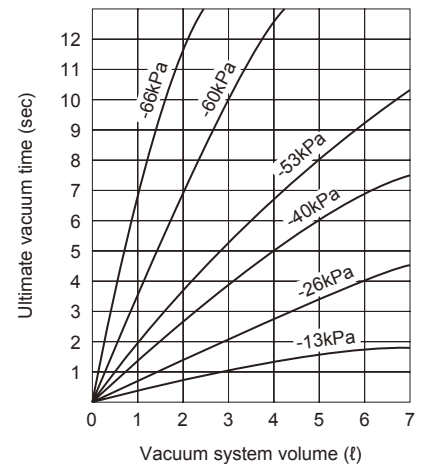
● VSU-L05



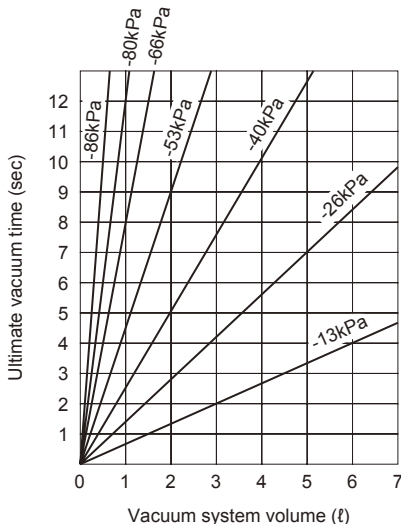
● VSU-H07



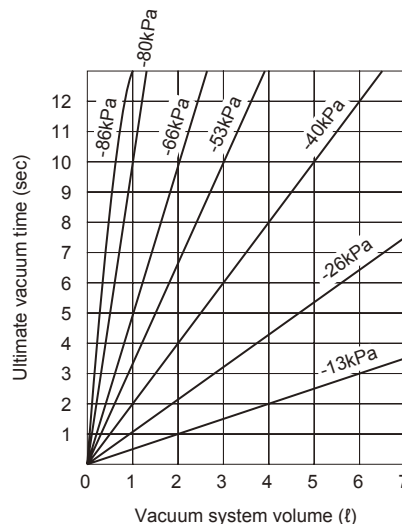
● VSU-L07



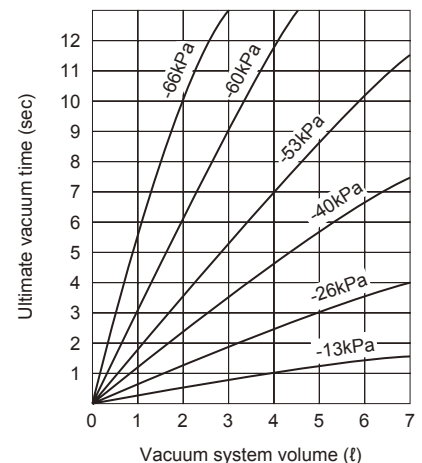
● VSU-E07



● VSH-H07, VSB-H07



● VSH-L07, VSB-L07



Ejector system
VSJ
VSK
VSKM
VSJ
VSJM
VSX
VSXM
VSQ
VSZM

VSH-VSU
VSB-VSC

VSG

VSH/VSU/VSB/VSC Series

Vacuum characteristics

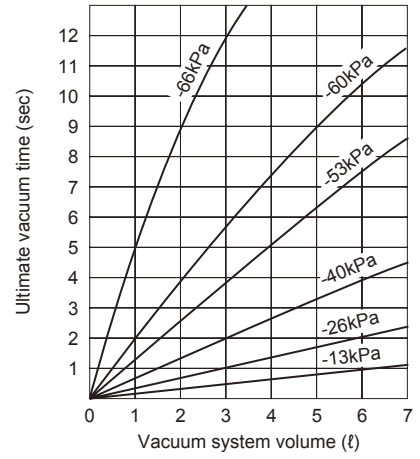
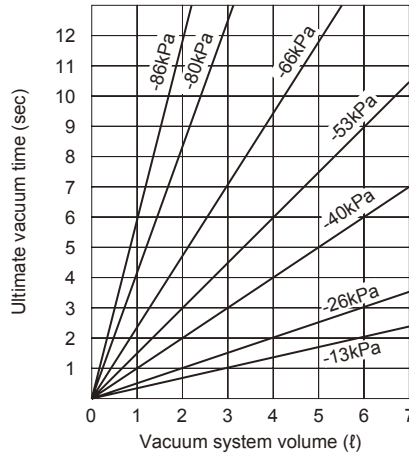
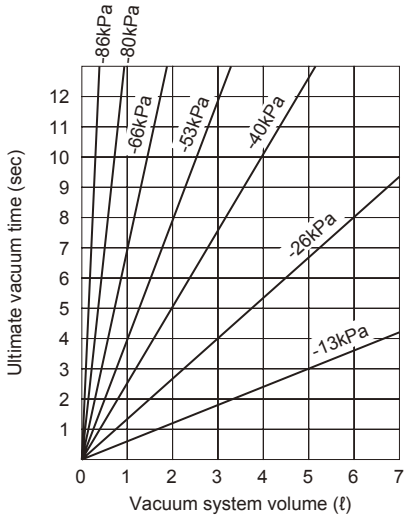
(References) Ultimate vacuum time (supply pressure H type: 0.5MPa, L type: 0.5MPa, E type: 0.3 to 0.5MPa)

* Values differ with vacuum system piping shape, etc., so use these valves for reference.

● VSH-E07, VSB-E07

● VSH-H10, VSB-H10

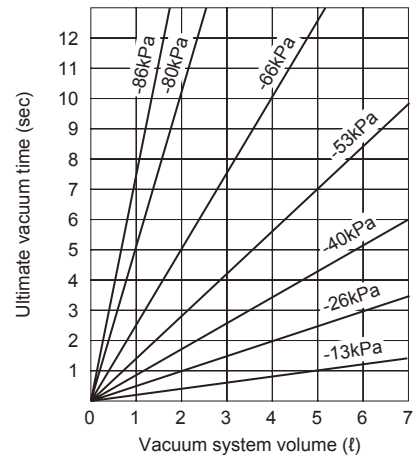
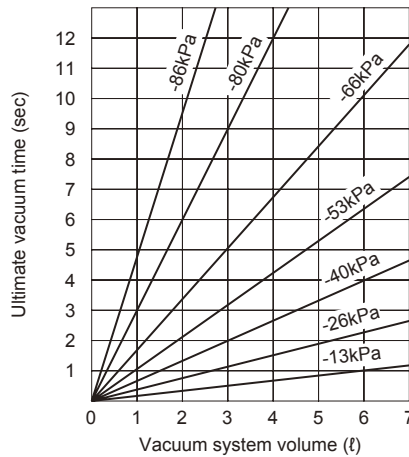
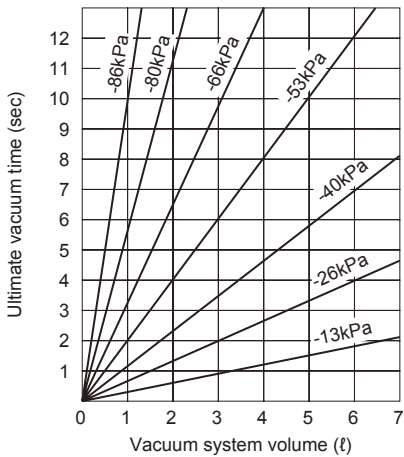
● VSH-L10, VSB-L10



● VSH-E10

● VSH-H12, VSB-H12

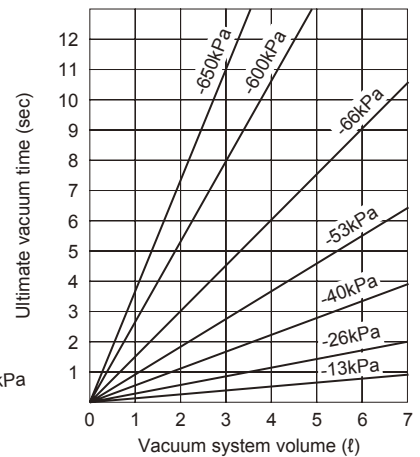
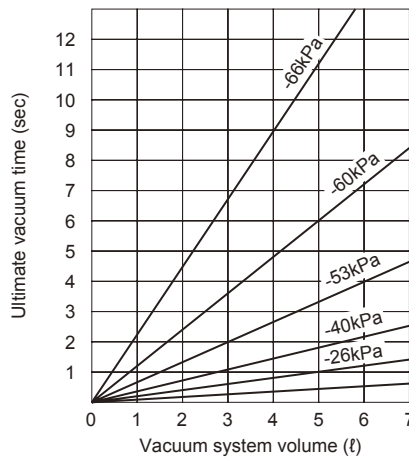
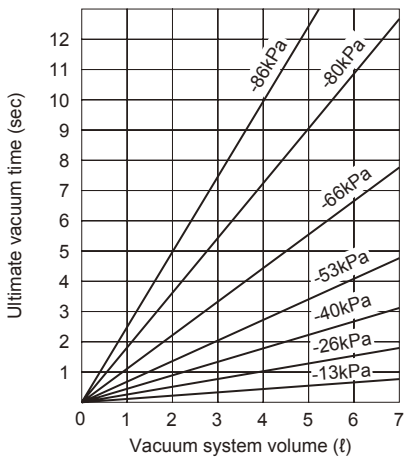
● VSH-E12, VSB-E12



● VSH-H15

● VSH-L15

● VSH-E15

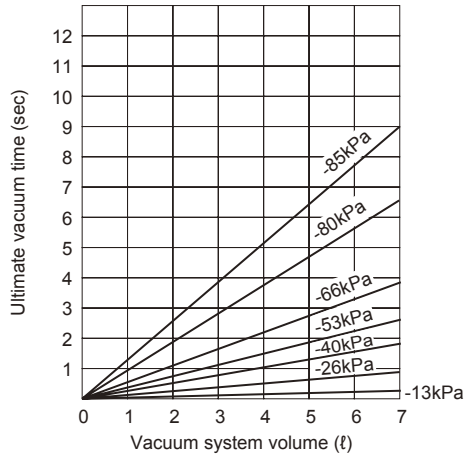


Vacuum characteristics

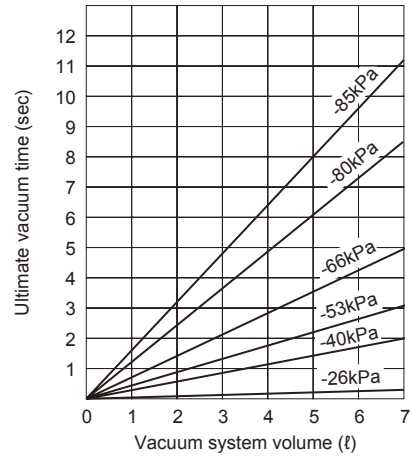
(References) Ultimate vacuum time (supply pressure H type: 0.5MPa, L type: 0.5MPa, E type: 0.3 to 0.5MPa)

* Values differ with vacuum system piping shape, etc., so use these valves for reference.

● VSH-H20, VSC-H20

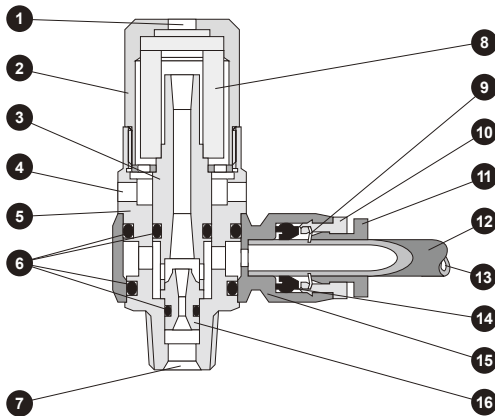


● VSH-E20, VSC-E20



Internal structure and parts list

● VSH Series



| No. | Parts name | Material | Remarks |
|-----|---------------------|-------------------|----------------------------|
| 1 | Exhaust port (EX) | | |
| 2 | Cap | Aluminum | |
| 3 | Diffuser | Brass | Electroless nickel plating |
| 4 | Exhaust port (EX) | | |
| 5 | Metal | Brass | Electroless nickel plating |
| 6 | O ring | Nitrile rubber | |
| 7 | Air supply port (P) | | |
| 8 | Silencer element | Poly-vinyl formal | |
| 9 | Lock jaw | Stainless steel | |
| 10 | Guide ring | Brass | Electroless nickel plating |
| 11 | Release ring | Polyacetal | |
| 12 | Tube | | |
| 13 | Vacuum port (V) | | |
| 14 | Rubber sleeve | Nitrile rubber | |
| 15 | Resin | PBT | |
| 16 | Nozzle | Brass | Electroless nickel plating |

Ejector system

VSY

VSH-VSU
VSB-VSC

VSG

VSK
VSKM

VSJ
VSJM

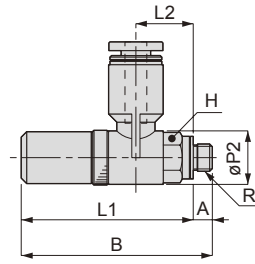
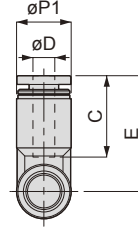
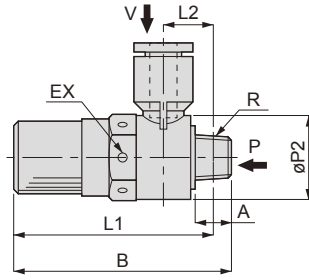
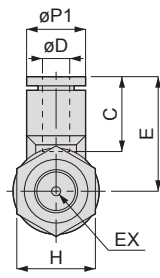
VSX
VSXM

VSQ

VSZM

Dimensions

● VSH-*-*S (atmospheric release with silencer)



Meter screw type

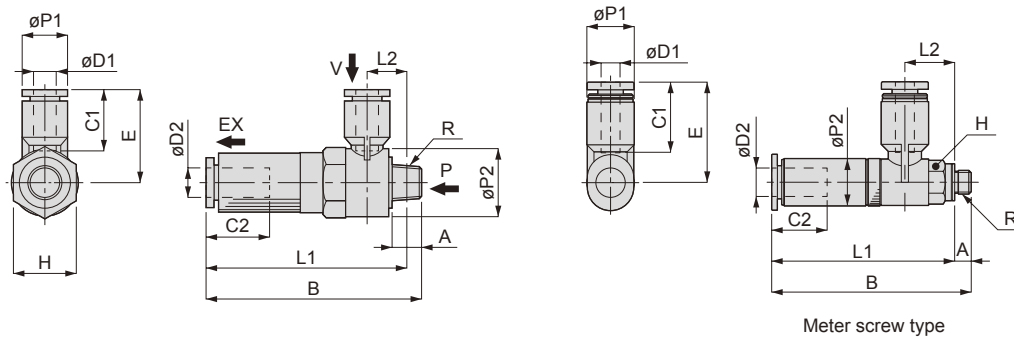
Unit: mm

| | Model no. | O.D. ϕD | R | A | B | L1 | L2 | $\phi P1$ | $\phi P2$ | C | E | Opposite side H | Nozzle diameter (mm) | Working pressure (MPa) | Ultimate vacuum (-kPa) | Suction flow ($l/min.$ (ANR)) | Air consumption ($l/min.$ (ANR)) | Weight (g) | | | | | |
|--------------------|----------------|------------------|----------|----|------|------|------|-----------|-----------|------|------|--------------------|----------------------------|------------------------------|------------------------------|--------------------------------------|---|---------------|------|------|------|------|------|
| VSH-VSU VSB-VSC | VSH-H 05-4M5S | 4 | M5 x 0.8 | 3 | 34.5 | 31.5 | 10.5 | 10 | 9.8 | 14.9 | 21.2 | 8 | 0.5 | 0.5 | 90 | 7 | 11.5 | 13 | | | | | |
| | VSH-H 05-66AS | 6 | R1/8 | 8 | 48 | 44 | 11.4 | 12.4 | 18.4 | 17 | 25.5 | 17 | 0.7 | | | 13 | 23 | 37 | | | | | |
| | VSH-H 07-66AS | | | | | | | | | | | | 1 | | | 28 | 46 | 36.5 | | | | | |
| | VSH-H 10-66AS | | | | | | | | | | | | 1.2 | | | 38 | 70 | 36.5 | | | | | |
| | VSH-H 12-66AS | | | | | | | | | | | | 1 | | | 28 | 46 | 38 | | | | | |
| | VSH-H 10-86AS | 8 | R1/4 | 11 | 71.5 | 65.5 | 13.5 | 12.4 | 14.4 | 22 | 18.1 | 28.4 | 22 | | | 1.5 | 93 | 38 | 70 | 37.5 | | | |
| | VSH-H 12-86AS | | | | | | | | | | | | | | | | | | | | 1.2 | 38 | 70 |
| | VSH-H 15-88AS | 10 | R1/4 | 11 | 99.6 | 93.5 | 14.8 | 15.1 | 17.6 | 28 | 20.2 | 31.2 | 24 | | | 2.0 | 93 | 63 | 100 | 77 | | | |
| | VSH-H 15-108AS | | | | | | | | | | | | | | | | | | | | 14.8 | 31.2 | 79.5 |
| | VSH-H 20-108AS | | | | | | | | | | | | | | | | | | | | 15.1 | 33.6 | 116 |
| VSH-H 20-128AS | 16.8 | | | | | | | | | | | | | 36.4 | 116 | | | | | | | | |
| VSH-VSU VSB-VSC | VSH-L 05-4M5S | 4 | M5 x 0.8 | 3 | 34.5 | 31.5 | 10.5 | 10 | 9.8 | 14.9 | 21.2 | 8 | 0.5 | 0.5 | 66 | 12 | 11.5 | 13 | | | | | |
| | VSH-L 05-66AS | 6 | R1/8 | 8 | 48 | 44 | 11.4 | 12.4 | 18.4 | 17 | 25.5 | 17 | 0.7 | | | 26 | 23 | 37 | | | | | |
| | VSH-L 07-66AS | | | | | | | | | | | | 1 | | | 42 | 46 | 36 | | | | | |
| | VSH-L 10-66AS | | | | | | | | | | | | 0.7 | | | 26 | 23 | 38.5 | | | | | |
| | VSH-L 12-66AS | | | | | | | | | | | | 1 | | | 42 | 46 | 37.5 | | | | | |
| | VSH-L 10-86AS | 8 | R1/4 | 11 | 71.5 | 65.5 | 13.5 | 12.4 | 14.4 | 22 | 18.1 | 28.4 | 22 | | | 1.5 | 96 | 95 | 100 | 77.5 | | | |
| | VSH-L 07-86AS | | | | | | | | | | | | | | | | | | | | 0.7 | 26 | 23 |
| | VSH-L 15-88AS | 10 | R1/4 | 11 | 99.6 | 93.5 | 14.8 | 15.1 | 17.6 | 28 | 20.2 | 31.2 | 24 | | | 2.0 | 96 | 95 | 100 | 77.5 | | | |
| | VSH-L 15-108AS | | | | | | | | | | | | | | | | | | | | 14.8 | 31.2 | 81.5 |
| | VSH-L 15-128AS | | | | | | | | | | | | | | | | | | | | 16.5 | 36.9 | 116 |
| VSH-L 20-108AS | 15.1 | | | | | | | | | | | | | 33.6 | 116 | | | | | | | | |
| VSH-VSU VSB-VSC | VSH-L 20-128AS | 12 | R1/4 | 11 | 99.6 | 93.5 | 16.8 | 21 | 28 | 23.4 | 36.4 | 24 | 2.0 | 96 | 174 | 200 | 116 | | | | | | |
| | VSH-L 20-108AS | 15.1 | | | | | | | | | | | | | | | | 33.6 | 116 | | | | |
| | VSH-E 07-66AS | 6 | R1/8 | 8 | 48 | 44 | 11.4 | 12.4 | 18.4 | 17 | 25.5 | 17 | 0.7 | 0.35 | 92 | 10.5 | 17 | 36.5 | | | | | |
| | VSH-E 10-66AS | | | | | | | | | | | | 1 | | | 21 | 34 | 37 | | | | | |
| | VSH-E 12-66AS | | | | | | | | | | | | 1.2 | | | 27 | 47 | 36.5 | | | | | |
| | VSH-E 10-86AS | | | | | | | | | | | | 1 | | | 21 | 34 | 38.5 | | | | | |
| | VSH-E 12-86AS | 8 | R1/4 | 11 | 71.5 | 65.5 | 13.5 | 12.4 | 14.4 | 22 | 18.1 | 28.4 | 22 | 1.5 | 92 | 27 | 47 | 38 | | | | | |
| | VSH-E 10-86AS | | | | | | | | | | | | | | | | | | 1.2 | 27 | 47 | 38 | |
| | VSH-E 15-88AS | 10 | R1/4 | 11 | 99.6 | 93.5 | 14.8 | 15.1 | 17.6 | 28 | 20.2 | 31.2 | 24 | 2.0 | 92 | 42 | 70 | 80 | | | | | |
| | VSH-E 15-108AS | | | | | | | | | | | | | | | | | | 14.8 | 31.2 | 80 | | |
| VSH-E 20-108AS | 15.1 | | | | | | | | | | | | | | | | | | 33.6 | 116 | | | |
| VSH-E 20-128AS | 16.8 | | | | | | | | | | | | | | | | | | 36.4 | 116 | | | |

Note: L1 and L2 dimensions for tapered screws are reference dimensions applicable after screw tightening.

Dimensions

● VSH-**-*J (common exhaust)



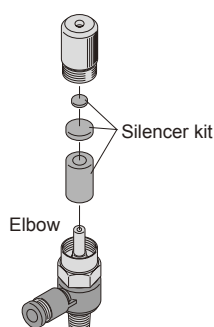
Unit: mm

| Model no. | O.D. $\phi D1$ | O.D. $\phi D2$ | R | A | B | L1 | L2 | $\phi P1$ | $\phi P2$ | C1 | C2 | E | Opposite side H | Nozzle diameter (mm) | Working pressure (MPa) | Ultimate vacuum (-kPa) | Suction flow (l/min, ANR) | Air consumption (l/min, ANR) | Weight (g) | | | | |
|----------------|----------------|----------------|----------|----|------|------|------|-----------|-----------|------|------|------|-----------------|----------------------|------------------------|------------------------|---------------------------|------------------------------|------------|------|------|------|--|
| VSH-H 05-4M5J | 4 | 6 | M5 x 0.8 | 3 | 41.8 | 38.8 | 10.5 | 10 | 10 | 14.9 | 11.9 | 21.2 | 8 | 0.5 | | 90 | 7 | 11.5 | 18 | | | | |
| VSH-H 05-66AJ | 6 | 8 | R1/8 | 8 | 58.4 | 54.4 | 11.4 | 12.4 | 18.4 | 17 | 18.2 | 25.5 | 17 | 0.7 | 0.5 | 93 | 13 | 23 | 44.5 | | | | |
| VSH-H 07-66AJ | | | | | | | 1 | | | | | | | 28 | | | 46 | 44.5 | | | | | |
| VSH-H 10-66AJ | | | | | | | 1.2 | | | | | | | 38 | | | 70 | 44 | | | | | |
| VSH-H 12-66AJ | | | | | | | 1 | | | | | | | 28 | | | 46 | 45.5 | | | | | |
| VSH-H 10-86AJ | 8 | | | | | | 12.4 | 14.4 | 18.1 | 18.1 | 28.4 | | 1.2 | 0.5 | 93 | 38 | 70 | 46 | | | | | |
| VSH-H 12-86AJ | | | | | | | 1.2 | | | | | | 38 | | | 70 | 46 | | | | | | |
| VSH-H 15-88AJ | 10 | 12 | R1/4 | 11 | 76.9 | 70.9 | 13.5 | 17.6 | 22 | 20.2 | 23.3 | 28.9 | 22 | 1.5 | | 93 | 63 | 100 | 92 | | | | |
| VSH-H 15-108AJ | | | | | | | 14.8 | | | | | | | | | | | | 31.2 | 94.5 | | | |
| VSH-H 20-108AJ | | | | | | | 15.1 | | | | | | | | | | | | 33.6 | | | | |
| VSH-H 20-128AJ | 12 | | | | 89.4 | 83.3 | 16.8 | 21 | 28 | 23.4 | | 36.4 | 24 | 2.0 | | 104 | 200 | 128 | | | | | |
| VSH-L 05-4M5J | 4 | 6 | M5 x 0.8 | 3 | 41.8 | 38.8 | 10.5 | 10 | 10 | 14.9 | 11.9 | 21.2 | 8 | 0.5 | | 66 | 12 | 11.5 | 18 | | | | |
| VSH-L 05-66AJ | 6 | 8 | R1/8 | 8 | 58.4 | 54.4 | 11.4 | 12.4 | 18.4 | 17 | 18.2 | 25.5 | 17 | 0.7 | 0.5 | 66 | 26 | 23 | 45 | | | | |
| VSH-L 07-66AJ | | | | | | | 1 | | | | | | | 42 | | | 46 | 44 | | | | | |
| VSH-L 10-66AJ | | | | | | | 0.7 | | | | | | | 26 | | | 23 | 46 | | | | | |
| VSH-L 07-86AJ | | | | | | | 1 | | | | | | | 42 | | | 46 | 45 | | | | | |
| VSH-L 10-86AJ | 8 | | | | | | 12.4 | 14.4 | 18.1 | 18.1 | 28.4 | | 1 | 0.5 | 66 | 42 | 46 | 45 | | | | | |
| VSH-L 15-88AJ | | | | | | | 13.5 | | | | | | 28.9 | | | 89.5 | | | | | | | |
| VSH-L 15-108AJ | 10 | 12 | R1/4 | 11 | 76.9 | 70.9 | 14.8 | 17.6 | 22 | 20.2 | 23.3 | 31.2 | 22 | 1.5 | | 66 | 95 | 100 | 93 | | | | |
| VSH-L 15-128AJ | | | | | | | 16.5 | | | | | | | | | | | | 21 | 23.4 | 23.3 | 36.9 | |
| VSH-L 20-108AJ | | | | | | | 15.1 | | | | | | | | | | | | 17.6 | 20.2 | 23.3 | 33.6 | |
| VSH-L 20-128AJ | 12 | | | | 89.4 | 83.3 | 16.8 | 21 | 28 | 23.4 | | 36.4 | 24 | 2.0 | | 174 | 200 | 128 | | | | | |
| VSH-E 07-66AJ | 6 | 8 | R1/8 | 8 | 58.4 | 54.4 | 11.4 | 12.4 | 18.4 | 17 | 18.2 | 25.5 | 17 | 0.7 | 0.35 | 92 | 10.5 | 17 | 45 | | | | |
| VSH-E 10-66AJ | | | | | | | 1 | | | | | | | 21 | | | 34 | 44.5 | | | | | |
| VSH-E 12-66AJ | | | | | | | 1.2 | | | | | | | 27 | | | 47 | | | | | | |
| VSH-E 10-86AJ | | | | | | | 1 | | | | | | | 21 | | | 34 | 46.5 | | | | | |
| VSH-E 12-86AJ | 8 | | | | | | 12.4 | 14.4 | 18.1 | 18.1 | 28.4 | | 1.2 | 0.35 | 92 | 27 | 47 | 45.5 | | | | | |
| VSH-E 15-88AJ | | | | | | | 13.5 | | | | | | 28.9 | | | 92 | | | | | | | |
| VSH-E 15-108AJ | 10 | 12 | R1/4 | 11 | 76.9 | 70.9 | 14.8 | 17.6 | 22 | 20.2 | 23.3 | 31.2 | 22 | 1.5 | | 92 | 42 | 70 | 95.5 | | | | |
| VSH-E 15-128AJ | | | | | | | 15.1 | | | | | | | | | | | | 17.6 | 20.2 | 23.3 | 33.6 | |
| VSH-E 20-108AJ | | | | | | | 15.1 | | | | | | | | | | | | 17.6 | 20.2 | 23.3 | 33.6 | |
| VSH-E 20-128AJ | 12 | | | | 89.4 | 83.3 | 16.8 | 21 | 28 | 23.4 | | 36.4 | 24 | 2.0 | | 82 | 150 | 128 | | | | | |

Note: L1 and L2 dimensions for tapered screws are reference dimensions applicable after screw tightening.

Model no.

● Silencer kit



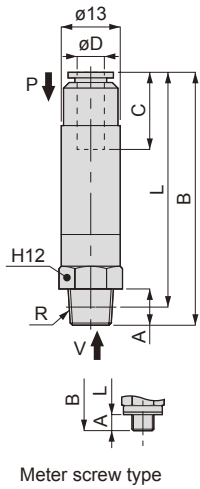
| Silencer kit model no. | Vacuum ejector model no. |
|------------------------|--------------------------|
| VSH-M5-SK | VSH-**-*M5S |
| VSH-6A-SK | VSH-**-*6AS |
| VSH-8A-SK | VSH-**-*8AS |

Note: For VSH-*20-***, VSC-20-SK (silencer kit for VSC-20) is used.

Dimensions

● VSU-**-S (atmospheric release with silencer)

Unit: mm

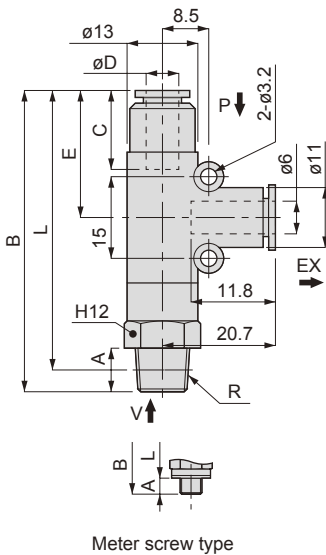


| Model no. | O.D. øD | R | A | B | L | C | Nozzle diameter (mm) | Ultimate vacuum (-kPa) | Suction flow (l/min. (ANR)) | Air consumption (l/min. (ANR)) | Weight (g) | | | | | | | | |
|---------------|------------|----------|---|------|------|------|----------------------|------------------------|-----------------------------|--------------------------------|------------|----|------|------|------|----|----|----|------|
| VSU-H 05-M54S | 4 | M5 x 0.8 | 3 | 50.3 | 47.3 | 10.9 | 0.5 | 90 | 7 | 11.5 | 17.5 | | | | | | | | |
| VSU-H 05-M56S | 6 | | | 51.3 | 48.3 | 11.7 | | | | | 17 | | | | | | | | |
| VSU-H 05-6A4S | 4 | R1/8 | 8 | 54.3 | 50.3 | 10.9 | | | | | 0.7 | 92 | 12.5 | 23 | 20 | | | | |
| VSU-H 05-6A6S | 6 | | | 55.3 | 51.3 | 11.7 | | | | | | | | | 19.5 | | | | |
| VSU-H 07-M54S | 4 | M5 x 0.8 | 3 | 57.1 | 54.1 | 10.9 | | | | | | | | | 0.7 | 90 | 10 | 17 | 19 |
| VSU-H 07-M56S | 6 | | | 57.8 | 54.8 | 11.7 | | | | | | | | | | | | | 18 |
| VSU-H 07-6A4S | 4 | R1/8 | 8 | 61.1 | 57.1 | 10.9 | 0.7 | 92 | 12.5 | 23 | | | | | | | | | 21 |
| VSU-H 07-6A6S | 6 | | | 61.8 | 57.8 | 11.7 | | | | | | | | | | | | | 20.5 |
| VSU-L 05-M54S | 4 | M5 x 0.8 | 3 | 50.3 | 47.3 | 10.9 | | | | | 0.5 | 66 | 12 | 11.5 | | | | | 17.5 |
| VSU-L 05-M56S | 6 | | | 51.3 | 48.3 | 11.7 | | | | | | | | | | | | | 17 |
| VSU-L 05-6A4S | 4 | R1/8 | 8 | 54.3 | 50.3 | 10.9 | | | | | | | | | 0.7 | 66 | 20 | 23 | 20 |
| VSU-L 05-6A6S | 6 | | | 55.3 | 51.3 | 11.7 | | | | | | | | | | | | | 19.5 |
| VSU-L 07-M54S | 4 | M5 x 0.8 | 3 | 57.1 | 54.1 | 10.9 | 0.7 | 90 | 10 | 17 | | | | | | | | | 19 |
| VSU-L 07-M56S | 6 | | | 57.8 | 54.8 | 11.7 | | | | | | | | | | | | | 18 |
| VSU-L 07-6A4S | 4 | R1/8 | 8 | 61.1 | 57.1 | 10.9 | | | | | 0.7 | 92 | 12.5 | 23 | | | | | 21 |
| VSU-L 07-6A6S | 6 | | | 61.8 | 57.8 | 11.7 | | | | | | | | | | | | | 20.5 |
| VSU-E 07-M54S | 4 | M5 x 0.8 | 3 | 57.1 | 54.1 | 10.9 | | | | | | | | | 0.7 | 90 | 10 | 17 | 19 |
| VSU-E 07-M56S | 6 | | | 57.8 | 54.8 | 11.7 | | | | | | | | | | | | | 21.5 |
| VSU-E 07-6A4S | 4 | R1/8 | 8 | 61.1 | 57.1 | 10.9 | 0.7 | 92 | 12.5 | 23 | | | | | | | | | 20.5 |
| VSU-E 07-6A6S | 6 | | | 61.8 | 57.8 | 11.7 | | | | | | | | | | | | | 20.5 |

Note 1: L dimensions for tapered screws are reference dimensions applicable after screw tightening.
 Note 2: M5 screw's opposite hexagon side is knurled. H12 applies to 6A (R1/8) screw.

● VSU-**-J (common exhaust)

Unit: mm



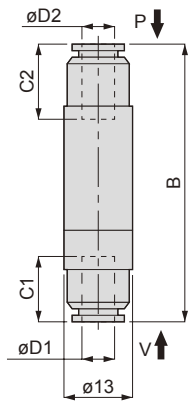
| Model no. | O.D. øD | R | A | B | L | C | E | Nozzle diameter (mm) | Ultimate vacuum (-kPa) | Suction flow (l/min. (ANR)) | Air consumption (l/min. (ANR)) | Weight (g) | | | | | | | | |
|---------------|------------|----------|---|------|------|------|------|----------------------|------------------------|-----------------------------|--------------------------------|------------|----|------|------|------|----|----|----|------|
| VSU-H 05-M54J | 4 | M5 x 0.8 | 3 | 50.3 | 47.3 | 11.2 | 22.3 | 0.5 | 90 | 7 | 11.5 | 20 | | | | | | | | |
| VSU-H 05-M56J | 6 | | | 51.3 | 48.3 | 11.9 | 23.3 | | | | | 19.5 | | | | | | | | |
| VSU-H 05-6A4J | 4 | R1/8 | 8 | 54.3 | 50.3 | 11.2 | 22.3 | | | | | 0.7 | 92 | 12.5 | 23 | 22.5 | | | | |
| VSU-H 05-6A6J | 6 | | | 55.3 | 51.3 | 11.9 | 23.3 | | | | | | | | | 22 | | | | |
| VSU-H 07-M54J | 4 | M5 x 0.8 | 3 | 57.1 | 54.1 | 11.2 | 29.1 | | | | | | | | | 0.7 | 90 | 10 | 17 | 21 |
| VSU-H 07-M56J | 6 | | | 57.8 | 54.8 | 11.9 | 29.8 | | | | | | | | | | | | | 20.5 |
| VSU-H 07-6A4J | 4 | R1/8 | 8 | 61.1 | 57.1 | 11.2 | 29.1 | 0.7 | 92 | 12.5 | 23 | | | | | | | | | 23.5 |
| VSU-H 07-6A6J | 6 | | | 61.8 | 57.8 | 11.9 | 29.8 | | | | | | | | | | | | | 23 |
| VSU-L 05-M54J | 4 | M5 x 0.8 | 3 | 50.3 | 47.3 | 11.2 | 22.3 | | | | | 0.5 | 66 | 12 | 11.5 | | | | | 19.5 |
| VSU-L 05-M56J | 6 | | | 51.3 | 48.3 | 11.9 | 23.3 | | | | | | | | | | | | | 22 |
| VSU-L 05-6A4J | 4 | R1/8 | 8 | 54.3 | 50.3 | 11.2 | 22.3 | | | | | | | | | 0.7 | 66 | 20 | 23 | 21.5 |
| VSU-L 05-6A6J | 6 | | | 55.3 | 51.3 | 11.9 | 23.3 | | | | | | | | | | | | | 22.5 |
| VSU-L 07-M54J | 4 | M5 x 0.8 | 3 | 57.1 | 54.1 | 11.2 | 29.1 | 0.7 | 90 | 10 | 17 | | | | | | | | | 20 |
| VSU-L 07-M56J | 6 | | | 57.8 | 54.8 | 11.9 | 29.8 | | | | | | | | | | | | | 23 |
| VSU-L 07-6A4J | 4 | R1/8 | 8 | 61.1 | 57.1 | 11.2 | 29.1 | | | | | 0.7 | 92 | 12.5 | 23 | | | | | 23 |
| VSU-L 07-6A6J | 6 | | | 61.8 | 57.8 | 11.9 | 29.8 | | | | | | | | | | | | | 22.5 |
| VSU-E 07-M54J | 4 | M5 x 0.8 | 3 | 57.1 | 54.1 | 11.2 | 29.1 | | | | | | | | | 0.7 | 90 | 10 | 17 | 21.5 |
| VSU-E 07-M56J | 6 | | | 57.8 | 54.8 | 11.9 | 29.8 | | | | | | | | | | | | | 20.5 |
| VSU-E 07-6A4J | 4 | R1/8 | 8 | 61.1 | 57.1 | 11.2 | 29.1 | 0.7 | 92 | 12.5 | 23 | | | | | | | | | 23.5 |
| VSU-E 07-6A6J | 6 | | | 61.8 | 57.8 | 11.9 | 29.8 | | | | | | | | | | | | | 23 |

Note 1: L dimensions for tapered screws are reference dimensions applicable after screw tightening.
 Note 2: M5 screw's opposite hexagon side is knurled. H12 applies to 6A (R1/8) screw.

Dimensions

● VSU-*-*S (atmospheric release with elbow union, silencer)

Unit: mm



| Model no. | O.D. ØD1 | O.D. ØD2 | B | C1 | C2 | Nozzle diameter (mm) | Ultimate vacuum (-kPa) | Suction flow (l/min. (ANR)) | Air consumption (l/min. (ANR)) | Weight (g) | | | | | | | | |
|--------------|----------|----------|------|------|------|----------------------|------------------------|-----------------------------|--------------------------------|------------|----|------|-----|----|------|------|------|------|
| VSU-H 05-44S | 4 | 4 | 49.9 | 11.2 | 11.2 | 0.5 | 90 | 7 | 11.5 | 18.5 | | | | | | | | |
| VSU-H 05-46S | | 6 | 50.9 | | 11.9 | | | | | | | | | | | | | |
| VSU-H 05-64S | 6 | 4 | 50.6 | 11.9 | 11.2 | | | | | 0.7 | 92 | 12.5 | 23 | 18 | | | | |
| VSU-H 05-66S | | 6 | 51.6 | | 11.9 | | | | | | | | | | | | | |
| VSU-H 07-44S | 4 | 4 | 56.7 | 11.2 | 11.2 | | | | | | | | 0.7 | 92 | 12.5 | 23 | 20 | |
| VSU-H 07-46S | | 6 | 57.4 | | 11.9 | | | | | | | | | | | | | |
| VSU-H 07-64S | 6 | 4 | 57.4 | 11.9 | 11.2 | 0.7 | 92 | 12.5 | 23 | | | | | | | 19 | | |
| VSU-H 07-66S | | 6 | 58.1 | | 11.9 | | | | | | | | | | | | | |
| VSU-L 05-44S | 4 | 4 | 49.9 | 11.2 | 11.2 | | | | 0.5 | 66 | 12 | 11.5 | | | | 18.5 | | |
| VSU-L 05-46S | | 6 | 50.9 | | 11.9 | | | | | | | | | | | | | |
| VSU-L 05-64S | 6 | 4 | 50.6 | 11.9 | 11.2 | | | | | | | | 0.7 | 66 | 20 | 23 | 17.5 | |
| VSU-L 05-66S | | 6 | 51.6 | | 11.9 | | | | | | | | | | | | | |
| VSU-L 07-44S | 4 | 4 | 56.7 | 11.2 | 11.2 | 0.7 | 66 | 20 | | | | | | | | | 23 | 20 |
| VSU-L 07-46S | | 6 | 57.4 | | 11.9 | | | | | | | | | | | | | |
| VSU-L 07-64S | 6 | 4 | 57.4 | 11.9 | 11.2 | | | | 0.7 | 66 | 22 | 23 | | | | | | 18.5 |
| VSU-L 07-66S | | 6 | 58.1 | | 11.9 | | | | | | | | | | | | | |
| VSU-E 07-44S | 4 | 4 | 56.7 | 11.2 | 11.2 | | | | | | | | 0.7 | 90 | 10 | 17 | | 20.5 |
| VSU-E 07-46S | | 6 | 57.4 | | 11.9 | | | | | | | | | | | | | |
| VSU-E 07-64S | 6 | 4 | 57.4 | 11.9 | 11.2 | 0.7 | 90 | 10 | | | | | | | | | 17 | 18.5 |
| VSU-E 07-66S | | 6 | 58.1 | | 11.9 | | | | | | | | | | | | | |

Ejector system

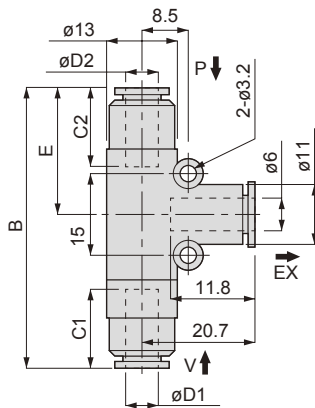
VSU

VSH-VSU
VSB-VSC

VSG

● VSU-*-*J (elbow union, common exhaust)

Unit: mm



| Model no. | O.D. ØD1 | O.D. ØD2 | B | C1 | C2 | E | Nozzle diameter (mm) | Ultimate vacuum (-kPa) | Suction flow (l/min. (ANR)) | Air consumption (l/min. (ANR)) | Weight (g) | | | | | | | | |
|--------------|----------|----------|------|------|------|------|----------------------|------------------------|-----------------------------|--------------------------------|------------|------|----|------|------|-----|----|------|----|
| VSU-H 05-44J | 4 | 4 | 49.9 | 11.2 | 11.2 | 22.3 | 0.5 | 90 | 7 | 11.5 | 21 | | | | | | | | |
| VSU-H 05-46J | | 6 | 50.9 | | 11.9 | 23.3 | | | | | | 20.5 | | | | | | | |
| VSU-H 05-64J | 6 | 4 | 50.6 | 11.9 | 11.2 | 22.3 | | | | | 0.7 | | 92 | 12.5 | 23 | 20 | | | |
| VSU-H 05-66J | | 6 | 51.6 | | 11.9 | 23.3 | | | | | | 19.5 | | | | | | | |
| VSU-H 07-44J | 4 | 4 | 56.7 | 11.2 | 11.2 | 29.1 | | | | | | | | | | 0.7 | 92 | 12.5 | 23 |
| VSU-H 07-46J | | 6 | 57.4 | | 11.9 | 29.8 | | | | | | 21.5 | | | | | | | |
| VSU-H 07-64J | 6 | 4 | 57.4 | 11.9 | 11.2 | 29.1 | 0.7 | 92 | 12.5 | 23 | | | | | | | | | |
| VSU-H 07-66J | | 6 | 58.1 | | 11.9 | 29.8 | | | | | | 20.5 | | | | | | | |
| VSU-L 05-44J | 4 | 4 | 49.9 | 11.2 | 11.2 | 22.3 | | | | | 0.5 | | 66 | 12 | 11.5 | | | | |
| VSU-L 05-46J | | 6 | 50.9 | | 11.9 | 23.3 | | | | | | 20.5 | | | | | | | |
| VSU-L 05-64J | 6 | 4 | 50.6 | 11.9 | 11.2 | 22.3 | | | | | | | | | | 0.7 | 66 | 20 | 23 |
| VSU-L 05-66J | | 6 | 51.6 | | 11.9 | 23.3 | | | | | | 19.5 | | | | | | | |
| VSU-L 07-44J | 4 | 4 | 56.7 | 11.2 | 11.2 | 29.1 | 0.7 | 66 | 20 | 23 | | | | | | | | | |
| VSU-L 07-46J | | 6 | 57.4 | | 11.9 | 29.8 | | | | | | 22 | | | | | | | |
| VSU-L 07-64J | 6 | 4 | 57.4 | 11.9 | 11.2 | 29.1 | | | | | 0.7 | | 66 | 22 | 23 | | | | |
| VSU-L 07-66J | | 6 | 58.1 | | 11.9 | 29.8 | | | | | | 20.5 | | | | | | | |
| VSU-E 07-44J | 4 | 4 | 56.7 | 11.2 | 11.2 | 29.1 | | | | | | | | | | 0.7 | 90 | 10 | 17 |
| VSU-E 07-46J | | 6 | 57.4 | | 11.9 | 29.8 | | | | | | 21.5 | | | | | | | |
| VSU-E 07-64J | 6 | 4 | 57.4 | 11.9 | 11.2 | 29.1 | 0.7 | 90 | 10 | 17 | | | | | | | | | |
| VSU-E 07-66J | | 6 | 58.1 | | 11.9 | 29.8 | | | | | | 20.5 | | | | | | | |

VSK
VSKM

VSJ
VSJM

VSX
VSXM

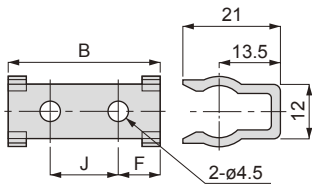
VSQ

VSZM

Dimensions

● VSU fixing bracket

Unit: mm



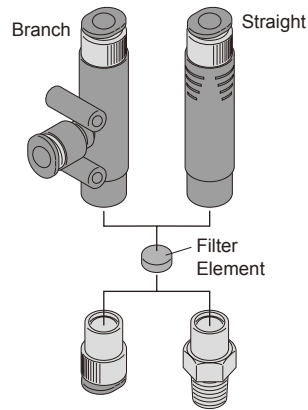
| Model no. | B | F | J | Weight (g) |
|-----------|------|----|----|------------|
| VSU-05-B | 33.2 | 9 | 15 | 2 |
| VSU-07-B | 39.2 | 10 | 20 | 2 |

Note: VSU-05-B is for 0.5mm nozzle diameters and VSU-07-B is for 0.7mm nozzle diameters.

Model no.

● Filter element

VSU-E



Ejector system

VSY

VSH·VSU
VSB·VSC

VSG

VSK
VSKM

VSJ
VSJM

VSX
VSXM

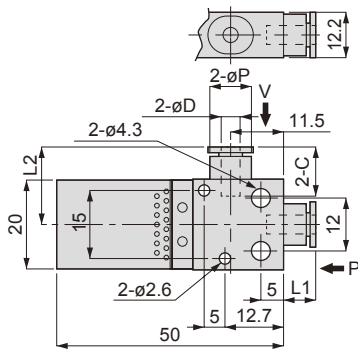
VSQ

VSZM

Dimensions

● VSB-*-* (atmospheric release)

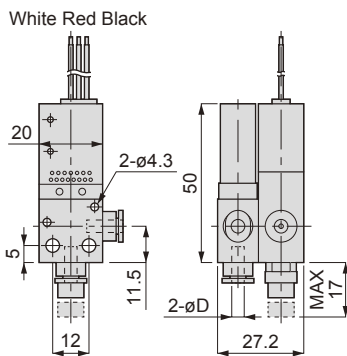
Unit: mm



| Model no. | O.D. øD | øP | C | L1 | L2 | Nozzle diameter (mm) | Working pressure (MPa) | Ultimate vacuum (-kPa) | Suction flow (l/min. (ANR)) | Air consumption (l/min. (ANR)) | Weight (g) |
|-------------|---------|------|------|-----|------|----------------------|------------------------|------------------------|-----------------------------|--------------------------------|------------|
| VSB-H 05-44 | 4 | 9 | 11.3 | 6.9 | 16.9 | 0.5 | 0.5 | 90 | 7 | 11.5 | 18 |
| VSB-H 07-66 | 6 | 10.6 | 11.8 | 7.2 | 17.2 | 0.7 | 0.5 | 93 | 13 | 23 | 18.5 |
| VSB-H 10-66 | | | | | | 1 | | | 28 | 46 | |
| VSB-H 12-66 | | | | | | 1.2 | | | 38 | 70 | |
| VSB-L 05-44 | 4 | 9 | 11.3 | 6.9 | 16.9 | 0.5 | 0.45 | 66 | 12 | 11.5 | 18 |
| VSB-L 07-66 | 6 | 10.6 | 11.8 | 7.2 | 17.2 | 0.7 | | | 26 | 23 | 18.5 |
| VSB-L 10-66 | | | | | | 1 | | | 42 | 46 | 17.5 |
| VSB-E 07-66 | 6 | 10.6 | 11.8 | 7.2 | 17.2 | 0.7 | 0.4 | 92 | 10.5 | 17 | 18.5 |
| VSB-E 10-66 | | | | | | 1 | | | 21 | 34 | |
| VSB-E 12-66 | | | | | | 1.2 | | | 27 | 47 | |

● VSB-*-*V (with vacuum switch)

Unit: mm

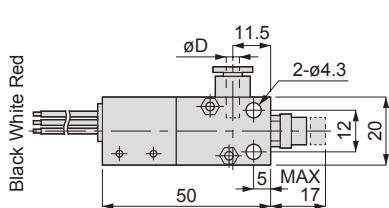


| Model no. | O.D. øD | Nozzle diameter (mm) | Working pressure (MPa) | Ultimate vacuum (-kPa) | Suction flow (l/min. (ANR)) | Air consumption (l/min. (ANR)) | Weight (g) |
|--------------|---------|----------------------|------------------------|------------------------|-----------------------------|--------------------------------|------------|
| VSB-H 05-44V | 4 | 0.5 | 0.5 | 90 | 7 | 11.5 | 46.5 |
| VSB-H 07-66V | 6 | 0.7 | 0.5 | 93 | 13 | 23 | 46 |
| VSB-H 10-66V | | 1 | | | 28 | 46 | 47 |
| VSB-H 12-66V | | 1.2 | | | 38 | 70 | 47.5 |
| VSB-L 05-44V | 4 | 0.5 | 0.45 | 66 | 12 | 11.5 | 46.5 |
| VSB-L 07-66V | 6 | 0.7 | | | 26 | 23 | 48 |
| VSB-L 10-66V | | 1 | | | 42 | 46 | 46.5 |
| VSB-E 07-66V | 6 | 0.7 | 0.4 | 92 | 10.5 | 17 | 48.5 |
| VSB-E 10-66V | | 1 | | | 21 | 34 | |
| VSB-E 12-66V | | 1.2 | | | 27 | 47 | |

Note: Lead wire White: COMMON
Red: N.C.
Black: N.O.

● VSB-VUSM-* Discrete mechanical vacuum switch

Unit: mm

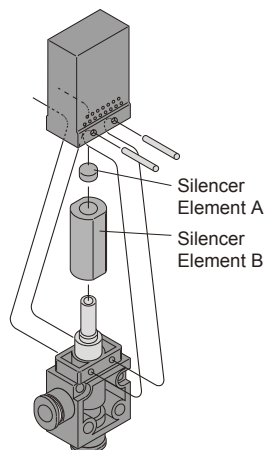


| Model no. | Tube outer diameter | | Weight (g) |
|------------|---------------------|--|------------|
| | øD | | |
| VSB-VUSM-4 | 4 | | 29 |
| VSB-VUSM-6 | 6 | | 29 |

Note: Lead wire White: COMMON
Red: N.C.
Black: N.O.

Model no.

● Silencer element



| Element A model no. | Element B model no. |
|---------------------|---------------------|
| VSB-EA | VSB-EB |

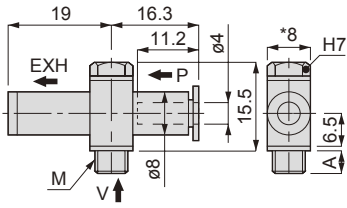
Note: VSB / VSG / VSJ common part

Note: VSB and VSG common part

Dimensions

- VSC-*-*S (straight type, atmospheric release with silencer)

Unit: mm



| Model no. | M | A | Nozzle diameter (mm) | Ultimate vacuum (-kPa) | Suction flow (l/min. (ANR)) | Air consumption (l/min. (ANR)) | Weight (g) |
|---------------|----------|---|----------------------|------------------------|-----------------------------|--------------------------------|------------|
| VSC-H 05-M54S | M5 x 0.8 | 3 | 0.5 | 90 | 7 | 11.5 | 14.5 |
| VSC-L 05-M54S | M5 x 0.8 | 3 | 0.5 | 66 | 11 | 11.5 | 17 |

Ejector system

VSJ

VSH·VSU
VSB·VSC

VSG

VSK
VSKM

VSJ
VSJM

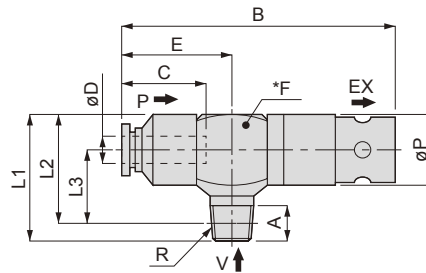
VSX
VSXM

VSQ

VSZM

Dimensions

● VSC-*-*S (atmospheric release with silencer)



Unit: mm

| Model no. | O.D. øD | R | A | L1 | L2 | L3 | øP | B | E | C | *F | Nozzle diameter (mm) | Ultimate vacuum (-kPa) | Suction flow (l/min. (ANR)) | Air consumption (l/min. (ANR)) | Weight (g) | | | |
|-----------------|------------|------|----|------|------|-------|------|-------|------|------|-----|----------------------|------------------------|-----------------------------|--------------------------------|------------|------|------|----|
| VSC-H 07-6A6S | 6 | R1/8 | 8 | 28 | 24 | 16 | 16 | 62.5 | 24.5 | 17 | 16 | 0.7 | 93 | 13 | 23 | 31.5 | | | |
| VSC-H 07-6A8S | 8 | | | | | | | 65.2 | 27.2 | 18.2 | | 1 | | | | | | | |
| VSC-H 10-6A6S | 6 | | | | | | | 62.5 | 24.5 | 17 | | 1.2 | | | | | | | |
| VSC-H 10-6A8S | 8 | | | | | | | 65.2 | 27.2 | 18.2 | | | | | | | | | |
| VSC-H 12-6A6S | 6 | | | | | | | 62.5 | 24.5 | 17 | | | | | | | | | |
| VSC-H 12-6A8S | 8 | | | | | | | 65.2 | 27.2 | 18.2 | | | | | | | | | |
| VSC-H 15-8A8S | 8 | R1/4 | 11 | 39 | 33 | 21 | 24 | 104.2 | 29.2 | 18.2 | 22 | 1.5 | 63 | 100 | 87 | | | | |
| VSC-H 15-10A8S | 8 | R3/8 | 12 | | 32.7 | 20.7 | | 104.2 | 29.2 | 18.2 | | | | | | 1.5 | | | |
| VSC-H 15-8A10S | 10 | R1/4 | 11 | | 33 | 21 | | 105.9 | 30.9 | 20.7 | | | | | | 2 | | | |
| VSC-H 15-10A10S | | R3/8 | 12 | | 32.7 | 20.7 | | 105.9 | 30.9 | 20.7 | | | | | | | | | |
| VSC-H 20-8A8S | 8 | R1/4 | 11 | | 33 | 21 | | 104.2 | 29.2 | 18.2 | | 93 | | | | 110 | 200 | 91 | |
| VSC-H 20-10A8S | 8 | R3/8 | 12 | | 32.7 | 20.7 | | 104.2 | 29.2 | 18.2 | | | | | | | | | |
| VSC-H 20-8A10S | 10 | R1/4 | 11 | 33 | 21 | 105.9 | 30.9 | 20.7 | 93 | 110 | 200 | 92.5 | | | | | | | |
| VSC-H 20-10A10S | | R3/8 | 12 | 32.7 | 20.7 | 105.9 | 30.9 | 20.7 | | | | | 93.5 | | | | | | |
| VSC-L 07-6A6S | 6 | R1/8 | 8 | 28 | 24 | 16 | 16 | 62.5 | 24.5 | 17 | 16 | 0.7 | 66 | 26 | 23 | 31.5 | | | |
| VSC-L 07-6A8S | 8 | | | | | | | 65.2 | 27.2 | 18.2 | | 1 | | | | | | | |
| VSC-L 10-6A6S | 6 | | | | | | | 62.5 | 24.5 | 17 | | | | | | | 1.5 | | |
| VSC-L 10-6A8S | 8 | | | | | | | 65.2 | 27.2 | 18.2 | | 1 | | | | | | 42 | 46 |
| VSC-L 15-8A8S | 8 | R1/4 | 11 | 39 | 33 | 21 | 24 | 104.2 | 29.2 | 18.2 | 22 | 1.5 | 95 | 100 | 85 | | | | |
| VSC-L 15-10A8S | 8 | R3/8 | 12 | | 32.7 | 20.7 | | 104.2 | 29.2 | 18.2 | | | | | | 1.5 | 86 | | |
| VSC-L 15-8A10S | 10 | R1/4 | 11 | | 33 | 21 | | 105.9 | 30.9 | 20.7 | | | | | | 2 | 86.5 | | |
| VSC-L 15-10A10S | | R3/8 | 12 | | 32.7 | 20.7 | | 105.9 | 30.9 | 20.7 | | 87.5 | | | | | | | |
| VSC-L 20-8A8S | 8 | R1/4 | 11 | | 33 | 21 | | 104.2 | 29.2 | 18.2 | | 93 | | | | 180 | 200 | 87 | |
| VSC-L 20-10A8S | 8 | R3/8 | 12 | | 32.7 | 20.7 | | 104.2 | 29.2 | 18.2 | | | | | | | | | |
| VSC-L 20-8A10S | 10 | R1/4 | 11 | 33 | 21 | 105.9 | 30.9 | 20.7 | 93 | 180 | 200 | 88 | | | | | | | |
| VSC-L 20-10A10S | | R3/8 | 12 | 32.7 | 20.7 | 105.9 | 30.9 | 20.7 | | | | | 89 | | | | | | |
| VSC-E 07-6A6S | 6 | R1/8 | 8 | 28 | 24 | 16 | 16 | 62.5 | 24.5 | 17 | 16 | 0.7 | 92 | 10.5 | 17 | 31.5 | | | |
| VSC-E 07-6A8S | 8 | | | | | | | 65.2 | 27.2 | 18.2 | | 1 | | | | | | | |
| VSC-E 10-6A6S | 6 | | | | | | | 62.5 | 24.5 | 17 | | | | | | | 1.2 | | |
| VSC-E 10-6A8S | 8 | | | | | | | 65.2 | 27.2 | 18.2 | | 1 | | | | | | 21 | 34 |
| VSC-E 12-6A6S | 6 | | | | | | | 62.5 | 24.5 | 17 | | 1.5 | | | | | | | |
| VSC-E 12-6A8S | 8 | | | | | | | 65.2 | 27.2 | 18.2 | | | | | | | 1.2 | 27 | 47 |
| VSC-E 15-8A8S | 8 | R1/4 | 11 | 39 | 33 | 21 | 24 | 104.2 | 29.2 | 18.2 | 22 | 1.5 | 42 | 70 | 87.5 | | | | |
| VSC-E 15-10A8S | 8 | R3/8 | 12 | | 32.7 | 20.7 | | 104.2 | 29.2 | 18.2 | | | | | | 1.5 | 88.5 | | |
| VSC-E 15-8A10S | 10 | R1/4 | 11 | | 33 | 21 | | 105.9 | 30.9 | 20.7 | | | | | | 2 | 89.5 | | |
| VSC-E 15-10A10S | | R3/8 | 12 | | 32.7 | 20.7 | | 105.9 | 30.9 | 20.7 | | 92.5 | | | | | | | |
| VSC-E 20-8A8S | 8 | R1/4 | 11 | | 33 | 21 | | 104.2 | 29.2 | 18.2 | | 93 | | | | 84 | 150 | 93.5 | |
| VSC-E 20-10A8S | 8 | R3/8 | 12 | | 32.7 | 20.7 | | 104.2 | 29.2 | 18.2 | | | | | | | | | 94 |
| VSC-E 20-8A10S | 10 | R1/4 | 11 | 33 | 21 | 105.9 | 30.9 | 20.7 | 93 | 84 | 150 | 94 | | | | | | | |
| VSC-E 20-10A10S | | R3/8 | 12 | 32.7 | 20.7 | 105.9 | 30.9 | 20.7 | | | | | 95 | | | | | | |

Note: L1, L2 and L3 dimensions are references applicable after screw tightening.

Ejector system

VSY

VSH-VSU
VSB-VSC

VSG

VSK
VSKM

VSJ
VSJM

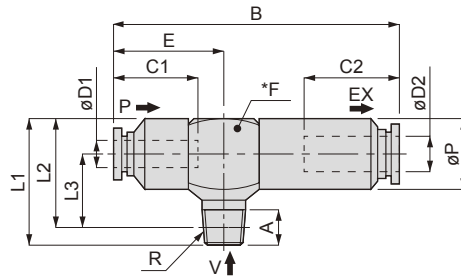
VSX
VSXM

VSQ

VSZM

Dimensions

● VSC-*-*J (common exhaust)



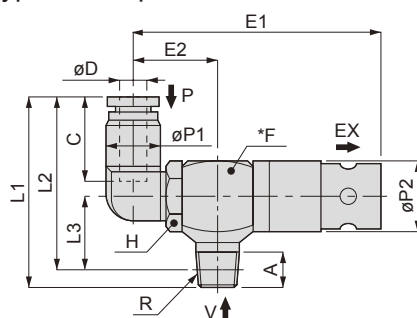
Unit: mm

| Model no. | O.D. øD1 | O.D. øD2 | R | A | L1 | L2 | L3 | øP | B | E | C1 | C2 | *F | Nozzle diameter (mm) | Ultimate vacuum (-kPa) | Suction flow (l/min. (ANR)) | Air consumption (l/min. (ANR)) | Weight (g) |
|-----------------|----------|----------|------|----|----|------|------|----|-------|------|------|------|----|----------------------|------------------------|-----------------------------|--------------------------------|------------|
| VSC-H 07-6A6J | 6 | 8 | R1/8 | 8 | 28 | 24 | 16 | 16 | 64.7 | 24.5 | 17 | 18.2 | 16 | 0.7 | 93 | 13 | 23 | 36.5 |
| VSC-H 07-6A8J | 8 | | | | | | | | 67.4 | 27.2 | 18.2 | | | | | | | |
| VSC-H 10-6A6J | 6 | 8 | R1/8 | 8 | 28 | 24 | 16 | 16 | 64.7 | 24.5 | 17 | 18.2 | 16 | 1 | 93 | 28 | 46 | 36.5 |
| VSC-H 10-6A8J | 8 | | | | | | | | 67.4 | 27.2 | 18.2 | | | | | | | |
| VSC-H 12-6A6J | 6 | 8 | R1/8 | 8 | 28 | 24 | 16 | 16 | 64.7 | 24.5 | 17 | 18.2 | 16 | 1.2 | 93 | 38 | 70 | 36.5 |
| VSC-H 12-6A8J | 8 | | | | | | | | 67.4 | 27.2 | 18.2 | | | | | | | |
| VSC-H 15-8A8J | 8 | 12 | R1/4 | 11 | 38 | 32 | 21 | 22 | 94 | 29.2 | 18.2 | 23.3 | 22 | 1.5 | 93 | 63 | 100 | 98.5 |
| VSC-H 15-10A8J | 8 | | R3/8 | 12 | | 31.7 | 20.7 | | 99.5 | | | | | | | | | |
| VSC-H 15-8A10J | 10 | 12 | R1/4 | 11 | 38 | 32 | 21 | 22 | 95.7 | 30.9 | 20.7 | 23.3 | 22 | 1.5 | 93 | 110 | 200 | 100.5 |
| VSC-H 15-10A10J | 10 | | R3/8 | 12 | | 31.7 | 20.7 | | 103 | | | | | | | | | |
| VSC-H 20-8A8J | 8 | 12 | R1/4 | 11 | 38 | 32 | 21 | 22 | 94 | 29.2 | 18.2 | 23.3 | 22 | 2 | 93 | 110 | 200 | 104 |
| VSC-H 20-10A8J | 8 | | R3/8 | 12 | | 31.7 | 20.7 | | 105 | | | | | | | | | |
| VSC-H 20-8A10J | 10 | 12 | R1/4 | 11 | 38 | 32 | 21 | 22 | 95.7 | 30.9 | 20.7 | 23.3 | 22 | 2 | 93 | 110 | 200 | 105 |
| VSC-H 20-10A10J | 10 | | R3/8 | 12 | | 31.7 | 20.7 | | 105 | | | | | | | | | |
| VSC-L 07-6A6J | 6 | 8 | R1/8 | 8 | 28 | 24 | 16 | 16 | 64.7 | 24.5 | 17 | 18.2 | 16 | 0.7 | 66 | 26 | 23 | 36.5 |
| VSC-L 07-6A8J | 8 | | | | | | | | 67.4 | 27.2 | 18.2 | | | | | | | |
| VSC-L 10-6A6J | 6 | 8 | R1/8 | 8 | 28 | 24 | 16 | 16 | 64.7 | 24.5 | 17 | 18.2 | 16 | 1 | 66 | 42 | 46 | 36.5 |
| VSC-L 10-6A8J | 8 | | | | | | | | 67.4 | 27.2 | 18.2 | | | | | | | |
| VSC-L 15-8A8J | 8 | 12 | R1/4 | 11 | 38 | 32 | 21 | 22 | 94 | 29.2 | 18.2 | 23.3 | 22 | 1.5 | 66 | 95 | 100 | 97 |
| VSC-L 15-10A8J | 8 | | R3/8 | 12 | | 31.7 | 20.7 | | 98 | | | | | | | | | |
| VSC-L 15-8A10J | 10 | 12 | R1/4 | 11 | 38 | 32 | 21 | 22 | 95.7 | 30.9 | 20.7 | 23.3 | 22 | 1.5 | 66 | 95 | 100 | 99 |
| VSC-L 15-10A10J | 10 | | R3/8 | 12 | | 31.7 | 20.7 | | 99 | | | | | | | | | |
| VSC-L 20-8A8J | 8 | 12 | R1/4 | 11 | 38 | 32 | 21 | 22 | 94 | 29.2 | 18.2 | 23.3 | 22 | 2 | 66 | 180 | 200 | 98.5 |
| VSC-L 20-10A8J | 8 | | R3/8 | 12 | | 31.7 | 20.7 | | 99.5 | | | | | | | | | |
| VSC-L 20-8A10J | 10 | 12 | R1/4 | 11 | 38 | 32 | 21 | 22 | 95.7 | 30.9 | 20.7 | 23.3 | 22 | 2 | 66 | 180 | 200 | 100 |
| VSC-L 20-10A10J | 10 | | R3/8 | 12 | | 31.7 | 20.7 | | 100.5 | | | | | | | | | |
| VSC-E 07-6A6J | 6 | 8 | R1/8 | 8 | 28 | 24 | 16 | 16 | 64.7 | 24.5 | 17 | 18.2 | 16 | 0.7 | 92 | 10.5 | 17 | 36.5 |
| VSC-E 07-6A8J | 8 | | | | | | | | 67.4 | 27.2 | 18.2 | | | | | | | |
| VSC-E 10-6A6J | 6 | 8 | R1/8 | 8 | 28 | 24 | 16 | 16 | 64.7 | 24.5 | 17 | 18.2 | 16 | 1 | 92 | 21 | 34 | 36.5 |
| VSC-E 10-6A8J | 8 | | | | | | | | 67.4 | 27.2 | 18.2 | | | | | | | |
| VSC-E 12-6A6J | 6 | 8 | R1/8 | 8 | 28 | 24 | 16 | 16 | 64.7 | 24.5 | 17 | 18.2 | 16 | 1.2 | 92 | 27 | 47 | 36.5 |
| VSC-E 12-6A8J | 8 | | | | | | | | 67.4 | 27.2 | 18.2 | | | | | | | |
| VSC-E 15-8A8J | 8 | 12 | R1/4 | 11 | 38 | 32 | 21 | 22 | 94 | 29.2 | 18.2 | 23.3 | 22 | 1.5 | 92 | 42 | 70 | 99.5 |
| VSC-E 15-10A8J | 8 | | R3/8 | 12 | | 31.7 | 20.7 | | 100.5 | | | | | | | | | |
| VSC-E 15-8A10J | 10 | 12 | R1/4 | 11 | 38 | 32 | 21 | 22 | 95.7 | 30.9 | 20.7 | 23.3 | 22 | 1.5 | 92 | 42 | 70 | 101.5 |
| VSC-E 15-10A10J | 10 | | R3/8 | 12 | | 31.7 | 20.7 | | 101.5 | | | | | | | | | |
| VSC-E 20-8A8J | 8 | 12 | R1/4 | 11 | 38 | 32 | 21 | 22 | 94 | 29.2 | 18.2 | 23.3 | 22 | 2 | 92 | 84 | 150 | 104.5 |
| VSC-E 20-10A8J | 8 | | R3/8 | 12 | | 31.7 | 20.7 | | 105.5 | | | | | | | | | |
| VSC-E 20-8A10J | 10 | 12 | R1/4 | 11 | 38 | 32 | 21 | 22 | 95.7 | 30.9 | 20.7 | 23.3 | 22 | 2 | 92 | 84 | 150 | 105.5 |
| VSC-E 20-10A10J | 10 | | R3/8 | 12 | | 31.7 | 20.7 | | 106.5 | | | | | | | | | |

Note: L1, L2 and L3 dimensions are references applicable after screw tightening.

Dimensions

● VSC-*-*S (air supply port elbow type, atmospheric release with silencer)



Unit: mm

| Model no. | O.D. øD1 | R | A | L1 | L2 | L3 | E1 | E2 | øP1 | øP2 | C | Opposite side H | *F | Nozzle diameter (mm) | Ultimate vacuum (-kPa) | Suction flow (l/min. (ANR)) | Air consumption (l/min. (ANR)) | Weight (g) | | | | | | | | | |
|------------------|----------|------|----|------|------|------|-------|------|------|------|------|-----------------|-----|----------------------|------------------------|-----------------------------|--------------------------------|------------|------|------|----|----|-----|----|----|-----|----|
| VSC-H 07-6A6LS | 6 | R1/8 | 8 | 42.8 | 38.8 | 16 | 57.3 | 19.3 | 12.5 | 16 | 17 | 14 | 16 | 0.7 | 93 | 13 | 23 | 31.5 | | | | | | | | | |
| VSC-H 07-6A8LS | 8 | | | 45.7 | 41.7 | | 58.3 | 20.3 | 14.5 | | 18.1 | | | | | | | 34 | | | | | | | | | |
| VSC-H 10-6A6LS | 6 | | | 42.8 | 38.8 | | 57.3 | 19.3 | 12.5 | | 17 | | | | | | | 31.5 | | | | | | | | | |
| VSC-H 10-6A8LS | 8 | | | 45.7 | 41.7 | | 58.3 | 20.3 | 14.5 | | 18.1 | | | | | | | 34 | | | | | | | | | |
| VSC-H 12-6A6LS | 6 | | | 42.8 | 38.8 | | 57.3 | 19.3 | 12.5 | | 17 | | | | | | | 31.5 | | | | | | | | | |
| VSC-H 12-6A8LS | 8 | | | 45.7 | 41.7 | | 58.3 | 20.3 | 14.5 | | 18.1 | | | | | | | 34 | | | | | | | | | |
| VSC-H 15-8A8LS | 8 | R1/4 | 11 | 52.7 | 46.7 | 21 | 98.3 | 23.3 | 14.5 | 18.1 | 19 | 22 | 1.5 | 93 | 63 | 100 | 85.5 | | | | | | | | | | |
| VSC-H 15-10A8LS | 8 | R3/8 | 12 | 52.7 | 46.4 | 20.7 | 98.3 | 23.3 | 14.5 | 18.1 | | | | | | | 86.5 | | | | | | | | | | |
| VSC-H 15-8A10LS | 10 | R1/4 | 11 | 56.5 | 50.5 | 21 | 100.8 | 25.8 | 17.5 | 20.2 | 24 | 19 | 22 | 1.5 | 93 | 110 | 200 | 90.5 | | | | | | | | | |
| VSC-H 15-10A10LS | 10 | R3/8 | 12 | 56.5 | 50.2 | 20.7 | 100.8 | 25.8 | 17.5 | 20.2 | | | | | | | | 91.5 | | | | | | | | | |
| VSC-H 20-8A8LS | 8 | R1/4 | 11 | 52.7 | 46.7 | 21 | 98.3 | 23.3 | 14.5 | 18.1 | 24 | 19 | 22 | 2 | 93 | 110 | 200 | 90 | | | | | | | | | |
| VSC-H 20-10A8LS | 8 | R3/8 | 12 | 52.7 | 46.4 | 20.7 | 98.3 | 23.3 | 14.5 | 18.1 | | | | | | | | 91 | | | | | | | | | |
| VSC-H 20-8A10LS | 10 | R1/4 | 11 | 56.5 | 50.5 | 21 | 100.8 | 25.8 | 17.5 | 20.2 | 24 | 19 | 22 | 2 | 93 | 110 | 200 | 95 | | | | | | | | | |
| VSC-H 20-10A10LS | 10 | R3/8 | 12 | 56.5 | 50.2 | 20.7 | 100.8 | 25.8 | 17.5 | 20.2 | | | | | | | | 96 | | | | | | | | | |
| VSC-L 07-6A6LS | 6 | R1/8 | 8 | 42.8 | 38.8 | 16 | 57.3 | 19.3 | 12.5 | 16 | 17 | 14 | 16 | 0.7 | 66 | 26 | 23 | 31.5 | | | | | | | | | |
| VSC-L 07-6A8LS | 8 | | | 45.7 | 41.7 | | 58.3 | 20.3 | 14.5 | | 18.1 | | | | | | | 34 | | | | | | | | | |
| VSC-L 10-6A6LS | 6 | | | 42.8 | 38.8 | | 57.3 | 19.3 | 12.5 | | 17 | | | | | | | 31.5 | | | | | | | | | |
| VSC-L 10-6A8LS | 8 | | | 45.7 | 41.7 | | 58.3 | 20.3 | 14.5 | | 18.1 | | | | | | | 34 | | | | | | | | | |
| VSC-L 15-8A8LS | 8 | | | R1/4 | 11 | | 52.7 | 46.7 | 21 | | 98.3 | | | | | | | 23.3 | 14.5 | 18.1 | 19 | 22 | 1.5 | 66 | 95 | 100 | 84 |
| VSC-L 15-10A8LS | 8 | | | R3/8 | 12 | | 52.7 | 46.4 | 20.7 | | 98.3 | | | | | | | 23.3 | 14.5 | 18.1 | | | | | | | 85 |
| VSC-L 15-8A10LS | 10 | R1/4 | 11 | 56.5 | 50.5 | 21 | 100.8 | 25.8 | 17.5 | 20.2 | 24 | 19 | 22 | 1.5 | 66 | 95 | 100 | 89 | | | | | | | | | |
| VSC-L 15-10A10LS | 10 | R3/8 | 12 | 56.5 | 50.2 | 20.7 | 100.8 | 25.8 | 17.5 | 20.2 | | | | | | | | 90 | | | | | | | | | |
| VSC-L 20-8A8LS | 8 | R1/4 | 11 | 52.7 | 46.7 | 21 | 98.3 | 23.3 | 14.5 | 18.1 | 24 | 19 | 22 | 2 | 66 | 180 | 200 | 85.5 | | | | | | | | | |
| VSC-L 20-10A8LS | 8 | R3/8 | 12 | 52.7 | 46.4 | 20.7 | 98.3 | 23.3 | 14.5 | 18.1 | | | | | | | | 86.5 | | | | | | | | | |
| VSC-L 20-8A10LS | 10 | R1/4 | 11 | 56.5 | 50.5 | 21 | 100.8 | 25.8 | 17.5 | 20.2 | 24 | 19 | 22 | 2 | 66 | 180 | 200 | 90.5 | | | | | | | | | |
| VSC-L 20-10A10LS | 10 | R3/8 | 12 | 56.5 | 50.2 | 20.7 | 100.8 | 25.8 | 17.5 | 20.2 | | | | | | | | 91.5 | | | | | | | | | |
| VSC-E 07-6A6LS | 6 | R1/8 | 8 | 42.8 | 38.8 | 16 | 57.3 | 19.3 | 12.5 | 16 | 17 | 14 | 16 | 0.7 | 92 | 10.5 | 17 | 31.5 | | | | | | | | | |
| VSC-E 07-6A8LS | 8 | | | 45.7 | 41.7 | | 58.3 | 20.3 | 14.5 | | 18.1 | | | | | | | 34 | | | | | | | | | |
| VSC-E 10-6A6LS | 6 | | | 42.8 | 38.8 | | 57.3 | 19.3 | 12.5 | | 17 | | | | | | | 31.5 | | | | | | | | | |
| VSC-E 10-6A8LS | 8 | | | 45.7 | 41.7 | | 58.3 | 20.3 | 14.5 | | 18.1 | | | | | | | 34 | | | | | | | | | |
| VSC-E 12-6A6LS | 6 | | | 42.8 | 38.8 | | 57.3 | 19.3 | 12.5 | | 17 | | | | | | | 31.5 | | | | | | | | | |
| VSC-E 12-6A8LS | 8 | | | 45.7 | 41.7 | | 58.3 | 20.3 | 14.5 | | 18.1 | | | | | | | 34 | | | | | | | | | |
| VSC-E 15-8A8LS | 8 | R1/4 | 11 | 52.7 | 46.7 | 21 | 98.3 | 23.3 | 14.5 | 18.1 | 24 | 19 | 22 | 1.5 | 92 | 42 | 70 | 86.5 | | | | | | | | | |
| VSC-E 15-10A8LS | 8 | R3/8 | 12 | 52.7 | 46.4 | 20.7 | 98.3 | 23.3 | 14.5 | 18.1 | | | | | | | | 87.5 | | | | | | | | | |
| VSC-E 15-8A10LS | 10 | R1/4 | 11 | 56.5 | 50.5 | 21 | 100.8 | 25.8 | 17.5 | 20.2 | 24 | 19 | 22 | 1.5 | 92 | 42 | 70 | 91.5 | | | | | | | | | |
| VSC-E 15-10A10LS | 10 | R3/8 | 12 | 56.5 | 50.2 | 20.7 | 100.8 | 25.8 | 17.5 | 20.2 | | | | | | | | 92.5 | | | | | | | | | |
| VSC-E 20-8A8LS | 8 | R1/4 | 11 | 52.7 | 46.7 | 21 | 98.3 | 23.3 | 14.5 | 18.1 | 24 | 19 | 22 | 2 | 92 | 84 | 150 | 91.5 | | | | | | | | | |
| VSC-E 20-10A8LS | 8 | R3/8 | 12 | 52.7 | 46.4 | 20.7 | 98.3 | 23.3 | 14.5 | 18.1 | | | | | | | | 92.5 | | | | | | | | | |
| VSC-E 20-8A10LS | 10 | R1/4 | 11 | 56.5 | 50.5 | 21 | 100.8 | 25.8 | 17.5 | 20.2 | 24 | 19 | 22 | 2 | 92 | 84 | 150 | 96.5 | | | | | | | | | |
| VSC-E 20-10A10LS | 10 | R3/8 | 12 | 56.5 | 50.2 | 20.7 | 100.8 | 25.8 | 17.5 | 20.2 | | | | | | | | 97.5 | | | | | | | | | |

Note: L1, L2 and L3 dimensions are references applicable after screw tightening.

Ejector system

VSY

VSH-VSU
VSB-VSC

VSG

VSK
VSKM

VSJ
VSJM

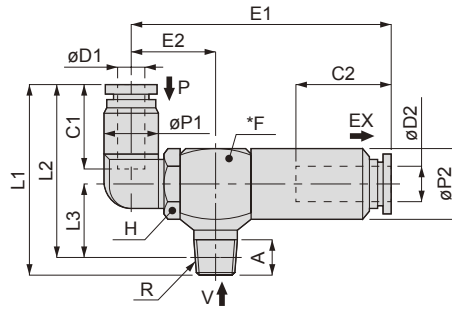
VSX
VSXM

VSQ

VSZM

Dimensions

● VSC-*-*J (air supply port elbow type, common exhaust)



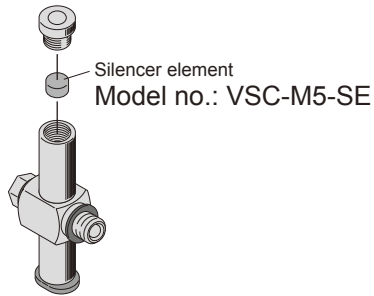
Unit: mm

| Model no. | O.D. øD1 | O.D. øD2 | R | A | L1 | L2 | L3 | E1 | E2 | øP1 | øP2 | C1 | C2 | Opposite side H | *F | Nozzle diameter (mm) | Ultimate vacuum (-kPa) | Suction flow (l/min. (ANR)) | Air consumption (l/min. (ANR)) | Weight (g) | | | |
|------------------|----------|----------|------|------|------|------|------|-------|-------|------|-------|------|------|-----------------|----|----------------------|------------------------|-----------------------------|--------------------------------|------------|------|------|------|
| VSC-H 07-6A6LJ | 6 | 8 | R1/8 | 8 | 42.8 | 38.8 | 16 | 59.5 | 19.3 | 12.5 | 16 | 17 | 18.2 | 14 | 16 | 0.7 | 93 | 13 | 23 | 35.5 | | | |
| VSC-H 07-6A8LJ | 8 | | | | 45.7 | 41.7 | | 60.5 | 20.3 | 14.5 | | 18.2 | | | | | | | | 38 | | | |
| VSC-H 10-6A6LJ | 6 | | | | 42.8 | 38.8 | | 59.5 | 19.3 | 12.5 | | 17 | | | | | | | | 35.5 | | | |
| VSC-H 10-6A8LJ | 8 | | | | 45.7 | 41.7 | | 60.5 | 20.3 | 14.5 | | 18.2 | | | | | | | | 38 | | | |
| VSC-H 12-6A6LJ | 6 | | | | 42.8 | 38.8 | | 59.5 | 19.3 | 12.5 | | 17 | | | | | | | | 35.5 | | | |
| VSC-H 12-6A8LJ | 8 | | | | 45.7 | 41.7 | | 60.5 | 20.3 | 14.5 | | 17 | | | | | | | | 38 | | | |
| VSC-H 15-8A8LJ | 8 | 12 | R1/4 | 11 | 52.7 | 46.7 | 21 | 88.1 | 23.3 | 14.5 | 22 | 18.2 | 23.3 | 19 | 22 | 1.5 | 93 | 63 | 100 | 97.5 | | | |
| VSC-H 15-10A8LJ | 8 | | R3/8 | 12 | 46.4 | 20.7 | 14.5 | 18.2 | 98.5 | | | | | | | | | | | | | | |
| VSC-H 15-8A10LJ | 10 | | R1/4 | 11 | 56.5 | 50.5 | 21 | 90.6 | 25.8 | 17.5 | | 20.2 | | | | | | | | 102 | | | |
| VSC-H 15-10A10LJ | 10 | | R3/8 | 12 | 50.2 | 20.7 | 17.5 | 20.2 | 103 | | | | | | | | | | | | | | |
| VSC-H20-8A8LJ | 8 | | R1/4 | 11 | 52.7 | 46.7 | 21 | 88.1 | 23.3 | 14.5 | | 18.2 | | | | | | | | 101.5 | | | |
| VSC-H 20-10A8LJ | 8 | | R3/8 | 12 | 46.4 | 20.7 | 14.5 | 18.2 | 102.5 | | | | | | | | | | | | | | |
| VSC-H 20-8A10LJ | 10 | R1/4 | 11 | 56.5 | 50.5 | 21 | 90.6 | 25.8 | 17.5 | 20.2 | 106.5 | | | | | | | | | | | | |
| VSC-H 20-10A10LJ | 10 | R3/8 | 12 | 50.2 | 20.7 | 17.5 | 20.2 | 107.5 | | | | | | | | | | | | | | | |
| VSC-L 07-6A6LJ | 6 | 8 | R1/8 | 8 | 42.8 | 38.8 | 16 | 59.5 | 19.3 | 12.5 | 16 | 17 | 18.2 | 14 | 16 | 0.7 | 93 | 26 | 23 | 35.5 | | | |
| VSC-L 07-6A8LJ | 8 | | | | 45.7 | 41.7 | | 60.5 | 20.3 | 14.5 | | 18.2 | | | | | | | | 38 | | | |
| VSC-L 10-6A6LJ | 6 | | | | 42.8 | 38.8 | | 59.5 | 19.3 | 12.5 | | 17 | | | | | | | | 35.5 | | | |
| VSC-L 10-6A8LJ | 8 | | | | 45.7 | 41.7 | | 60.5 | 20.3 | 14.5 | | 18.2 | | | | | | | | 38 | | | |
| VSC-L 15-8A8LJ | 8 | | | | R1/4 | 11 | | 52.7 | 46.7 | 21 | | 88.1 | | | | | | | | 23.3 | 14.5 | 18.2 | 95.5 |
| VSC-L 15-10A8LJ | 8 | | | | R3/8 | 12 | | 46.4 | 20.7 | 14.5 | | 18.2 | | | | | | | | 96.5 | | | |
| VSC-L 15-8A10LJ | 10 | R1/4 | 11 | 56.5 | 50.5 | 21 | 90.6 | 25.8 | 17.5 | 20.2 | 100.5 | | | | | | | | | | | | |
| VSC-L 15-10A10LJ | 10 | R3/8 | 12 | 50.2 | 20.7 | 17.5 | 20.2 | 101.5 | | | | | | | | | | | | | | | |
| VSC-L 20-8A8LJ | 8 | R1/4 | 11 | 52.7 | 46.7 | 21 | 88.1 | 23.3 | 14.5 | 18.2 | 97 | | | | | | | | | | | | |
| VSC-L 20-10A8LJ | 8 | R3/8 | 12 | 46.4 | 20.7 | 14.5 | 18.2 | 98 | | | | | | | | | | | | | | | |
| VSC-L 20-8A10LJ | 10 | R1/4 | 11 | 56.5 | 50.5 | 21 | 90.6 | 25.8 | 17.5 | 20.2 | 102 | | | | | | | | | | | | |
| VSC-L 20-10A10LJ | 10 | R3/8 | 12 | 50.2 | 20.7 | 17.5 | 20.2 | 103 | | | | | | | | | | | | | | | |
| VSC-E 07-6A6LJ | 6 | 8 | R1/8 | 8 | 42.8 | 38.8 | 16 | 59.5 | 19.3 | 12.5 | 16 | 17 | 18.2 | 14 | 16 | 0.7 | 92 | 10.5 | 17 | 35.5 | | | |
| VSC-E 07-6A8LJ | 8 | | | | 45.7 | 41.7 | | 60.5 | 20.3 | 14.5 | | 18.2 | | | | | | | | 38 | | | |
| VSC-E 10-6A6LJ | 6 | | | | 42.8 | 38.8 | | 59.5 | 19.3 | 12.5 | | 17 | | | | | | | | 35.5 | | | |
| VSC-E 10-6A8LJ | 8 | | | | 45.7 | 41.7 | | 60.5 | 20.3 | 14.5 | | 18.2 | | | | | | | | 38 | | | |
| VSC-E 12-6A6LJ | 6 | | | | 42.8 | 38.8 | | 59.5 | 19.3 | 12.5 | | 17 | | | | | | | | 35.5 | | | |
| VSC-E 12-6A8LJ | 8 | | | | 45.7 | 41.7 | | 60.5 | 20.3 | 14.5 | | 17 | | | | | | | | 38 | | | |
| VSC-E 15-8A8LJ | 8 | 12 | R1/4 | 11 | 52.7 | 46.7 | 21 | 88.1 | 23.3 | 14.5 | 22 | 18.2 | 23.3 | 19 | 22 | 1.5 | 92 | 42 | 70 | 98 | | | |
| VSC-E 15-10A8LJ | 8 | | R3/8 | 12 | 46.4 | 20.7 | 14.5 | 18.2 | 99 | | | | | | | | | | | | | | |
| VSC-E 15-8A10LJ | 10 | | R1/4 | 11 | 56.5 | 50.5 | 21 | 90.6 | 25.8 | 17.5 | | 20.2 | | | | | | | | 103 | | | |
| VSC-E 15-10A10LJ | 10 | | R3/8 | 12 | 50.2 | 20.7 | 17.5 | 20.2 | 104 | | | | | | | | | | | | | | |
| VSC-E 20-8A8LJ | 8 | | R1/4 | 11 | 52.7 | 46.7 | 21 | 88.1 | 23.3 | 14.5 | | 18.2 | | | | | | | | 103 | | | |
| VSC-E 20-10A8LJ | 8 | | R3/8 | 12 | 46.4 | 20.7 | 14.5 | 18.2 | 104 | | | | | | | | | | | | | | |
| VSC-E 20-8A10LJ | 10 | R1/4 | 11 | 56.5 | 50.5 | 21 | 90.6 | 25.8 | 17.5 | 20.2 | 108 | | | | | | | | | | | | |
| VSC-E 20-10A10LJ | 10 | R3/8 | 12 | 50.2 | 20.7 | 17.5 | 20.2 | 109 | | | | | | | | | | | | | | | |

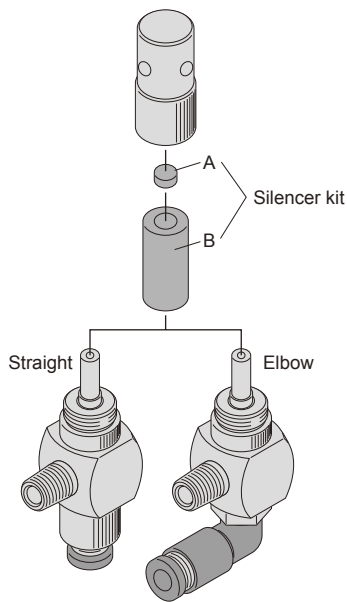
Note: L1, L2 and L3 dimensions are references applicable after screw tightening.

Model no.

● Silencer element

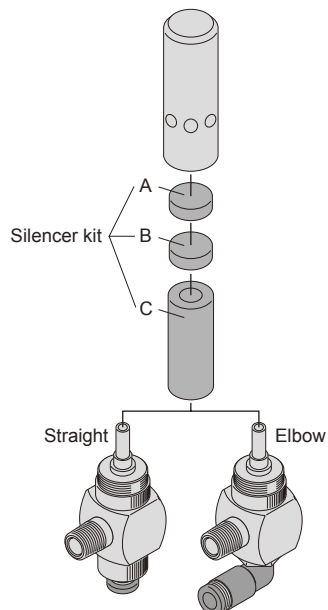


● Silencer kit
• VSC-*07, 10, 12



| Silencer kit model no. | Vacuum ejector model no. |
|------------------------|--------------------------|
| VSC-12-SK | VSC-*07-6A* (L) S |
| | VSC-*10-6A* (L) S |
| | VSC-*12-6A* (L) S |

• VSC-*15, 20



| Silencer kit model no. | Vacuum ejector model no. |
|------------------------|--------------------------|
| VSC-15-SK | VSC-*15-8A8* (L) S |
| | VSC-*15-10A8* (L) S |
| | VSC-*15-8A10* (L) S |
| | VSC-*15-10A10* (L) S |
| VSC-20-SK | VSC-*20-8A8* (L) S |
| | VSC-*20-10A8* (L) S |
| | VSC-*20-8A10* (L) S |
| | VSC-*20-10A10* (L) S |

Ejector system

VSJ

VSH-VSU
VSB-VSC

VSG

VSK
VSKM

VSJ
VSJM

VSX
VSXM

VSQ

VSZM