

Discrete type for different piping conditions

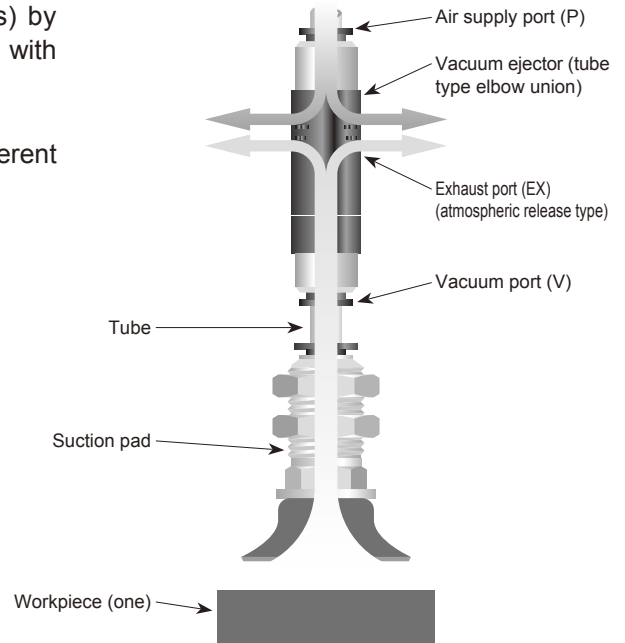
# VSH/VSU/VSB/VSC Series

- 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	$\pm 5$
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
<b>A Shape</b>	
H	Solenoid valve directly mounted type
U	Tube type
C	Pad directly mounted type
B	Square shaped
<b>B Vacuum characteristics</b>	
H	High vacuum/medium flow type
L	Medium vacuum/large flow rate type
E	High vacuum/small flow rate type
<b>C Nozzle diameter</b>	
05	ø0.5
07	ø0.7
10	ø1.0
12	ø1.2
15	ø1.5
20	ø2.0
<b>D Vacuum port (V)</b>	
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
<b>E Air supply port (P)</b>	
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
<b>F Additional</b>	
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

VSU

VSH-VSU  
VSB-VSC

VSG

VSK  
VSKM

VSJ  
VSJM

V SX  
V SXM

V SQ

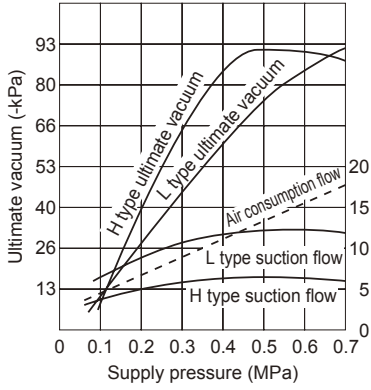
V SZM

# VSH/VSU/VSB/VSC Series

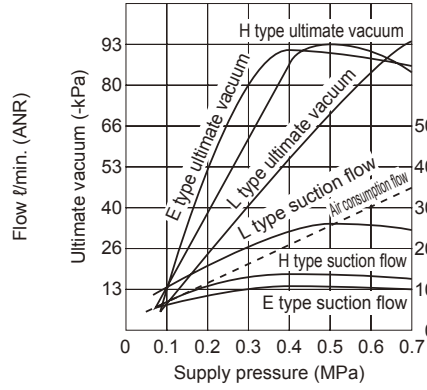
## Vacuum characteristics

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

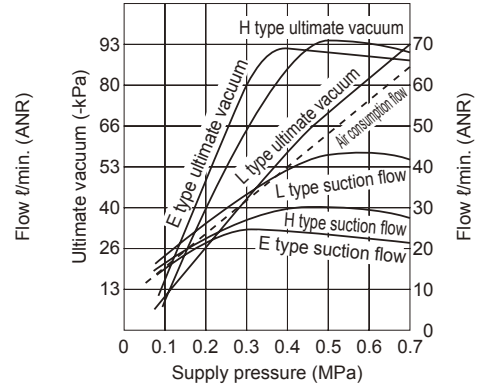
● VSH- $\Gamma$ 05, VSB- $\Gamma$ 05



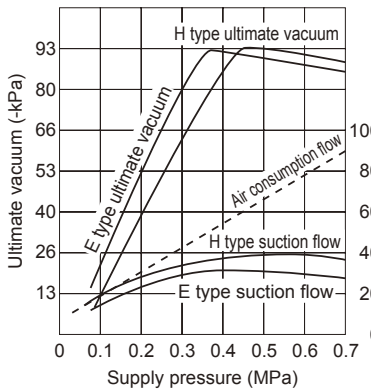
● VSH-\*07, VSB-\*07, VSC-\*07



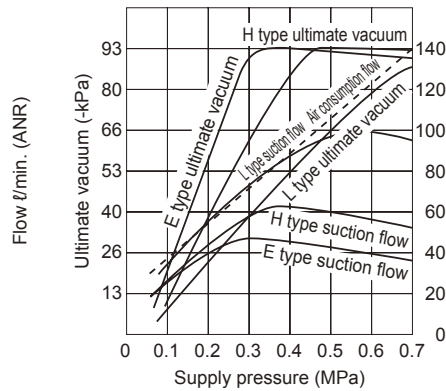
● VSH-\*10, VSB-\*10, VSC-\*10



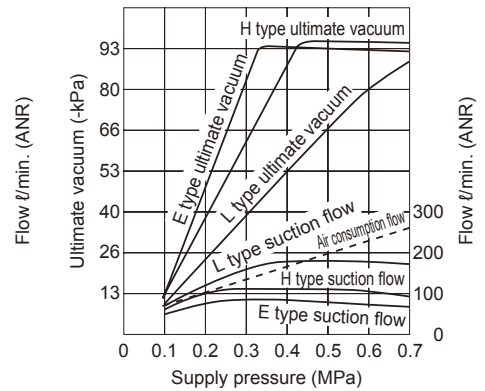
● VSH-H12, VSB-H12, VSC- $\Gamma$ 12



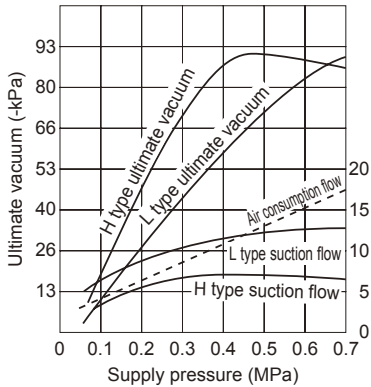
● VSH-\*15, VSC-\*15



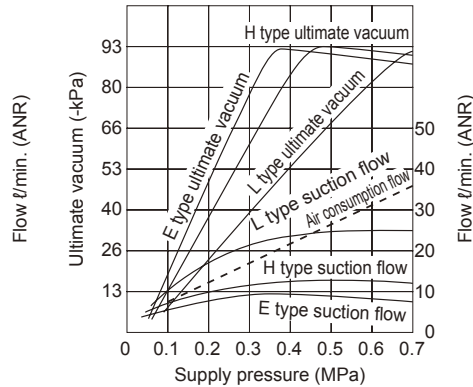
● VSH-\*20, VSC-\*20



● VSU- $\Gamma$ 05, VSC- $\Gamma$ 05



● VSU-\*07

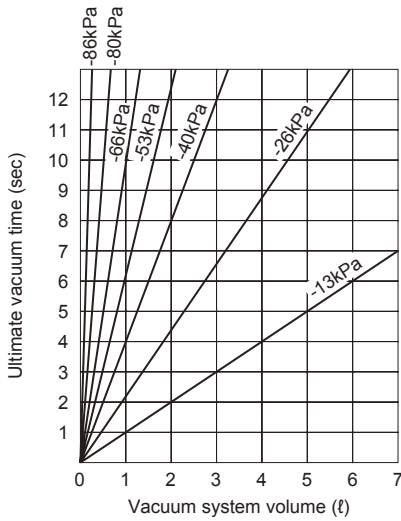


## Vacuum characteristics

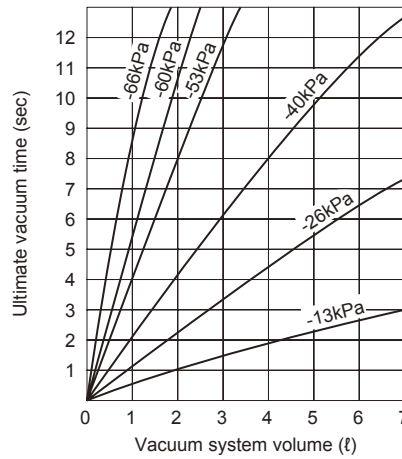
(References) Ultimate vacuum time (supply pressure H type: 0.5MPa, L type: 0.5MPa, E type: 0.3 to 0.5MPa)

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

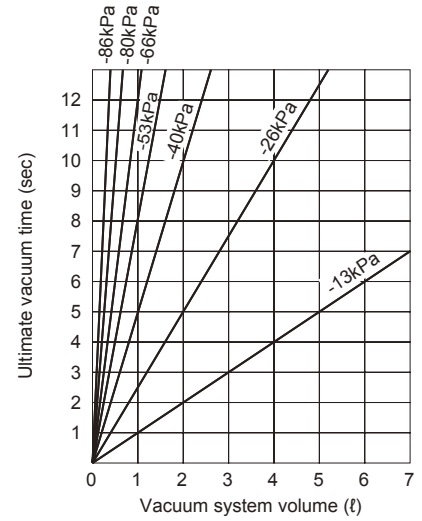
● VSH-H05, VSB-H05



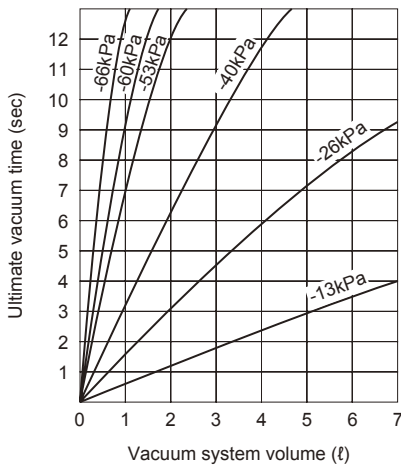
● VSH-L05, VSB-L05



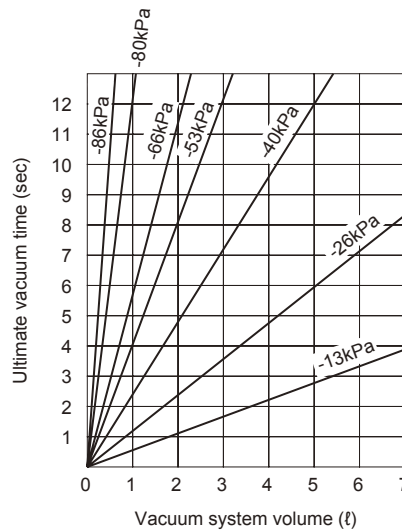
● VSU-H05



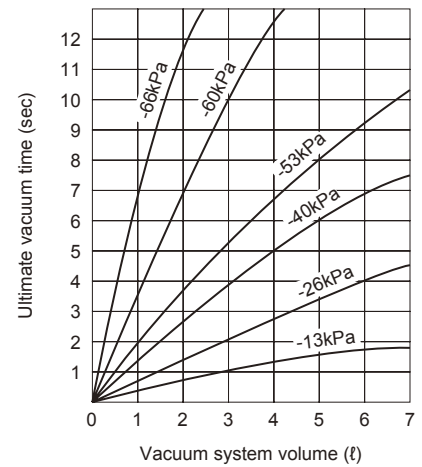
● VSU-L05



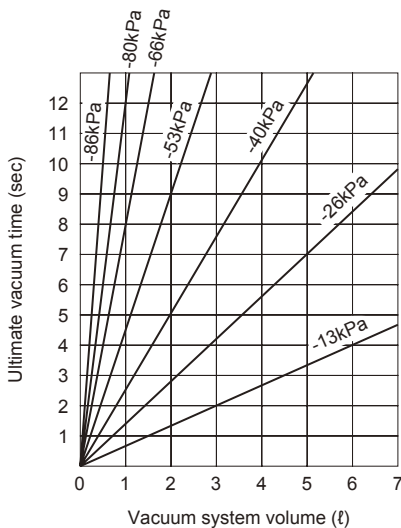
● VSU-H07



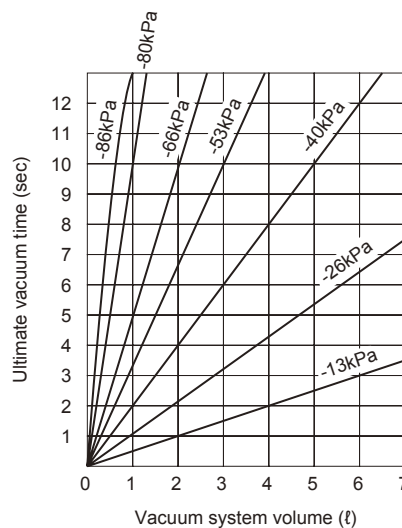
● VSU-L07



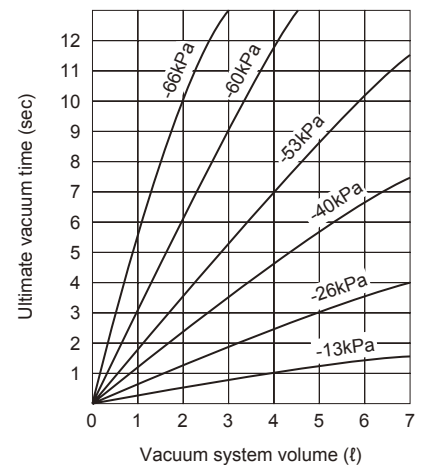
● VSU-E07



● VSH-H07, VSB-H07



● VSH-L07, VSB-L07



Ejector system

VSJ

VSH-VSU  
VSB-VSC

VSG

VSK  
VSKM

VSJ  
VSJM

VSX  
VSXM

VSQ

VSZM

# 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

Ejector system

VSU

VSH-VSU  
VSB-VSC

VSG

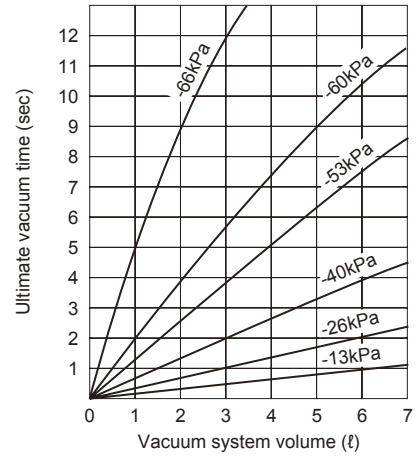
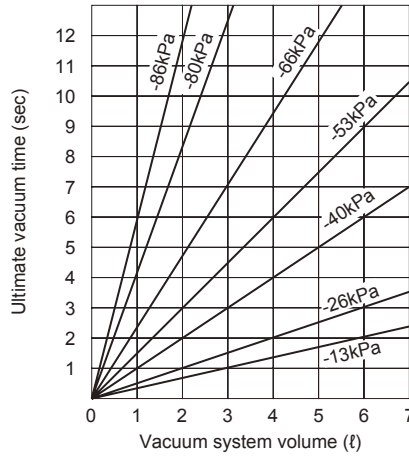
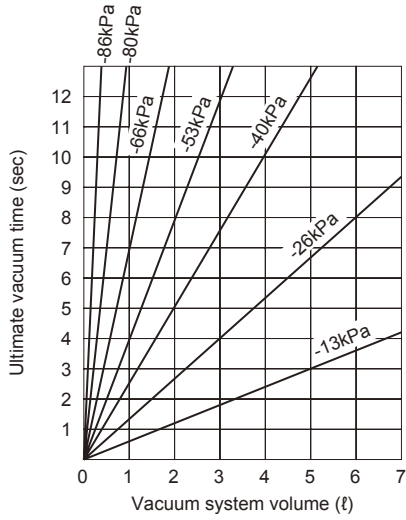
VSK  
VSKM

VSJ  
VSJM

VSX  
VSXM

VSQ

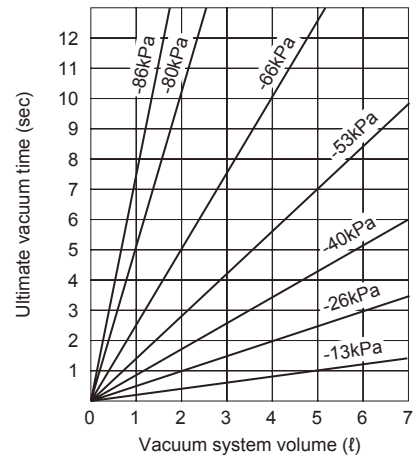
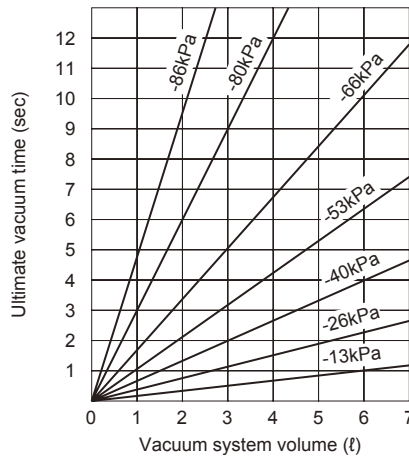
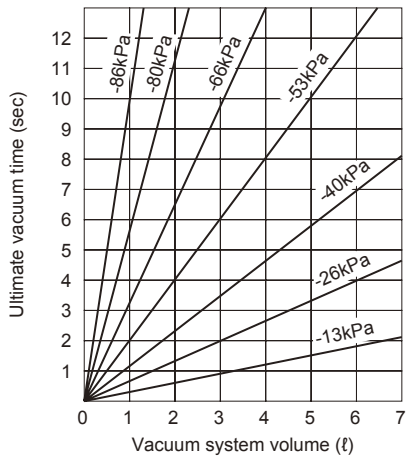
VSZM



● VSH-E10

● VSH-H12, VSB-H12

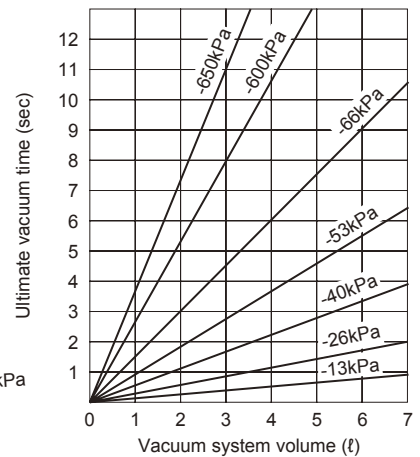
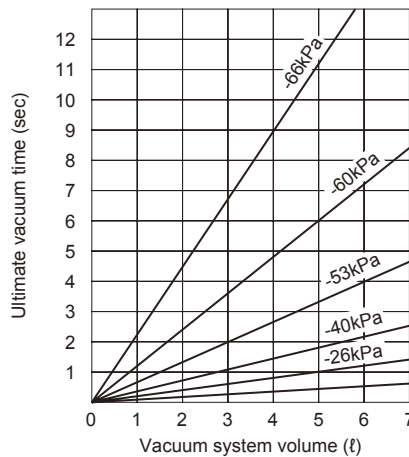
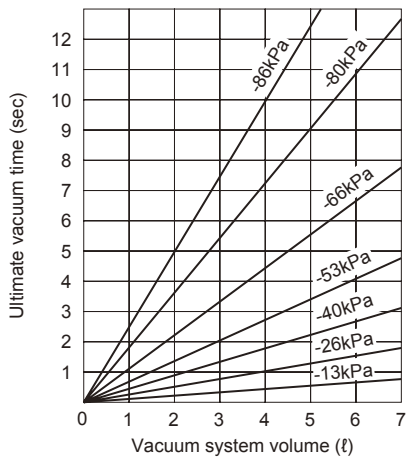
● VSH-E12, VSB-E12



● VSH-H15

● VSH-L15

● VSH-E15



# VSH/VSU/VSB/VSC Series

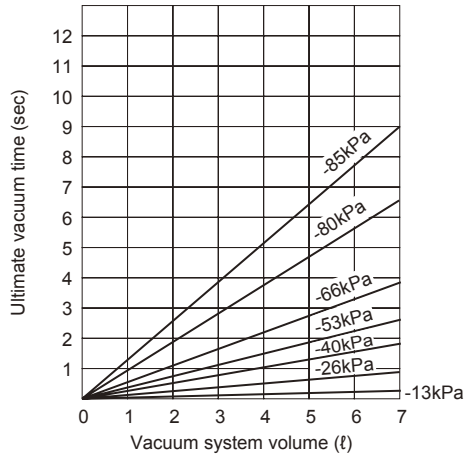
Vacuum characteristics / internal structure and parts list

## Vacuum characteristics

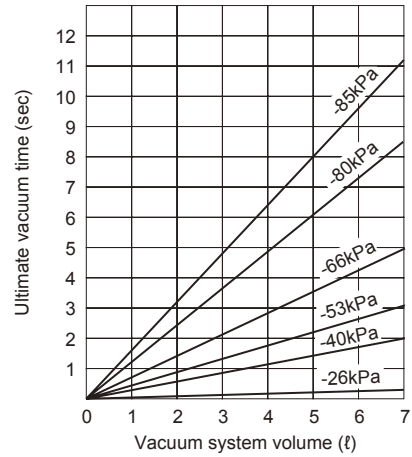
(References) Ultimate vacuum time (supply pressure H type: 0.5MPa, L type: 0.5MPa, E type: 0.3 to 0.5MPa)

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

● VSH-H20, VSC-H20

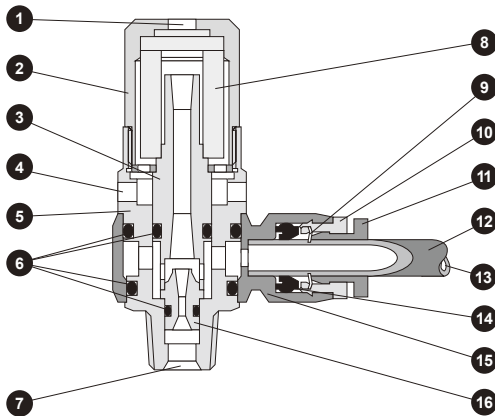


● VSH-E20, VSC-E20



## 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

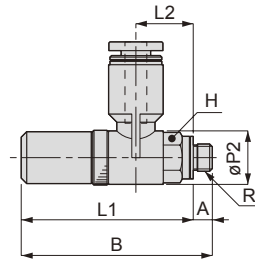
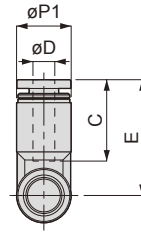
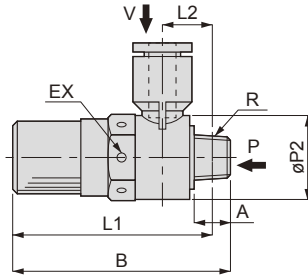
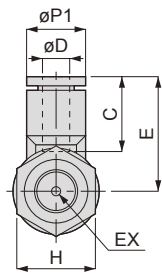
VSX  
VSXM

VSQ

VSZM

## Dimensions

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



Meter screw type

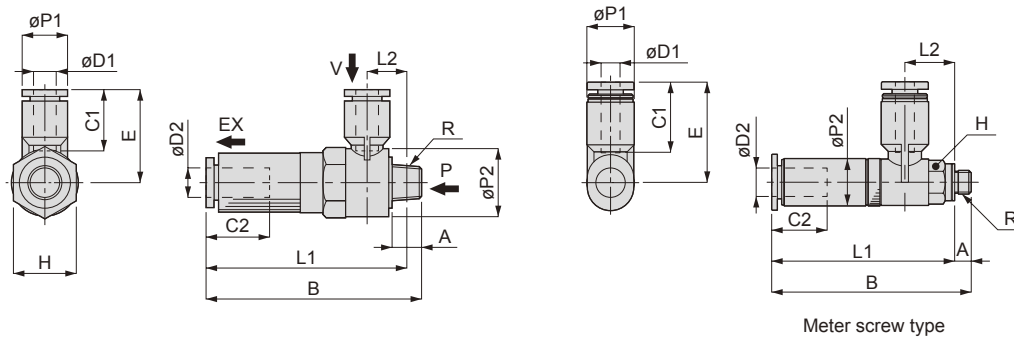
Unit: mm

	Model no.	O.D. $\phi D$	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	37.5						
	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	17.6	22	20.2	31.2	22	1.5	63	100	79.5
	VSH-H 20-108AS																				15.1	17.6	28	20.2	33.6	24	2.0	104	200	116
VSH-H 20-128AS	16.8													21	28						23.4	36.4	24	2.0	104	200	116			
VSH-VSJM VSK-VSKM	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	66	42	46	37.5										
	VSH-L 15-88AS																				14.8	17.6	22	20.2	31.2	22	1.5	95	100	77.5
	VSH-L 15-108AS	10	R1/4	11	99.6	93.5	16.5	16.8	21	28	23.4	36.9	24			2.0	66	174	200	116										
	VSH-L 15-128AS																				16.5	21	22	23.4	36.9	24	2.0	174	200	116
	VSH-L 20-108AS																				15.1	17.6	28	20.2	33.6	24	2.0	174	200	116
VSH-L 20-128AS	16.8													21	28						23.4	36.4	24	2.0	174	200	116			
VSH-VSQ	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	21	34	38.5								
	VSH-E 12-86AS	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 15-88AS																		14.8	17.6	22	20.2	31.2	24	2.0	42	70	80		
	VSH-E 15-108AS																		15.1	17.6	28	20.2	33.6	24	2.0	82	150	116		
	VSH-E 20-108AS																		16.8	21	28	23.4	36.4	24	2.0	82	150	116		
VSH-E 20-128AS	12			99.6	93.5	16.8	21	28	23.4	36.4	24	2.0	92	42	70	80														

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

### Dimensions

#### ● VSH-\*\*-\*J (common exhaust)



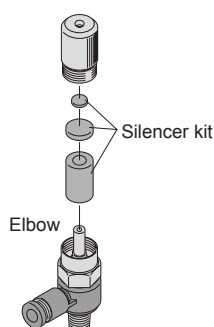
Unit: mm

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	17	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	100	94.5
VSH-H 20-108AJ							15.1										33.6	200	128
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	17	1	0.5	66	42	46	45	
VSH-L 15-88AJ							13.5						28.9						
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
VSH-L 20-108AJ	10				89.4	83.3	15.1	17.6	28	20.2		33.6	24	2.0		174	200	128	
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	46.5	
VSH-E 10-86AJ							1							21			34	45.5	
VSH-E 12-86AJ	8						12.4	14.4	18.1	18.1	28.4	17	1.2	0.35	92	27	47	45.5	
VSH-E 15-88AJ							13.5						28.9			42	70	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 20-108AJ							15.1										17.6	20.2	23.3
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

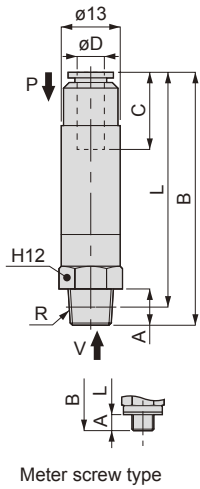
Note: For VSH-\*20-\*\*\*, VSC-20-SK (silencer kit for VSC-20) is used.



## Dimensions

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

Unit: mm

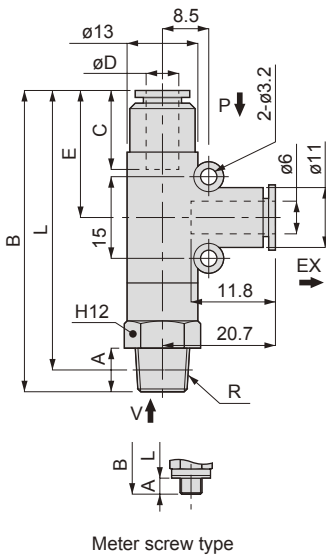


Model no.	O.D. øD	R	A	B	L	C	Nozzle diameter (mm)	Ultimate vacuum (-kPa)	Suction flow (l/min. (ANR))	Air consumption (l/min. (ANR))	Weight (g)								
VSU-H 05-M54S	4	M5 x 0.8	3	50.3	47.3	10.9	0.5	90	7	11.5	17.5								
VSU-H 05-M56S	6			51.3	48.3	11.7					17								
VSU-H 05-6A4S	4	R1/8	8	54.3	50.3	10.9					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



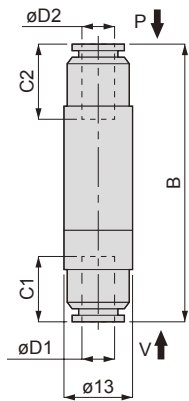
Model no.	O.D. øD	R	A	B	L	C	E	Nozzle diameter (mm)	Ultimate vacuum (-kPa)	Suction flow (l/min. (ANR))	Air consumption (l/min. (ANR))	Weight (g)								
VSU-H 05-M54J	4	M5 x 0.8	3	50.3	47.3	11.2	22.3	0.5	90	7	11.5	20								
VSU-H 05-M56J	6			51.3	48.3	11.9	23.3					19.5								
VSU-H 05-6A4J	4	R1/8	8	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									17.5				
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													19.5
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													18.5
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	20
VSU-L 05-66S		6	51.6		11.9													19
VSU-L 07-44S	4	4	56.7	11.2	11.2	0.7	66	20	23									19
VSU-L 07-46S		6	57.4		11.9													18.5
VSU-L 07-64S	6	4	57.4	11.9	11.2					0.7	66	22	23					17.5
VSU-L 07-66S		6	58.1		11.9													19
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													19.5
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													19

Ejector system

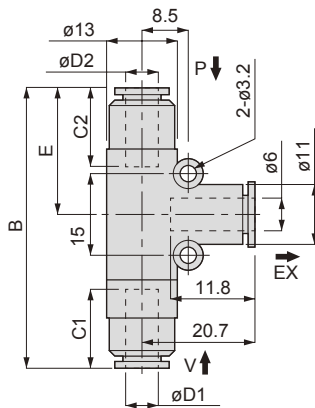
VSU

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		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		23.3	19.5													
VSU-H 07-44J	4	4	56.7	11.2	11.2	29.1									0.7	92	12.5	23	22.5
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									20.5
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					21
VSU-L 05-46J		6	50.9		23.3	20.5													
VSU-L 05-64J	6	4	50.6	11.9	11.2	22.3									0.7	66	20	23	20
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									22
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					21.5
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	22
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									20.5
VSU-E 07-66J		6	58.1		11.9	29.8													20.5

VSK  
VSKM

VSJ  
VSJM

VSX  
VSXM

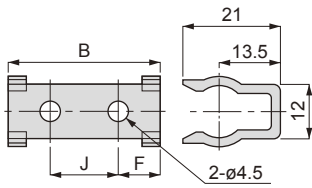
VSQ

VSZM

## Dimensions

### ● VSU fixing bracket

Unit: mm



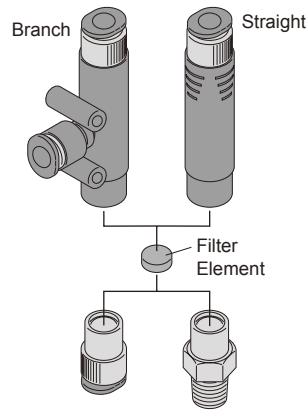
Model no.	B	F	J	Weight (g)
VSU-05-B	33.2	9	15	2
VSU-07-B	39.2	10	20	2

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

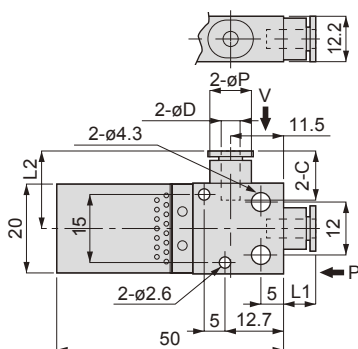
VSQ

VSZM

## Dimensions

### ● VSB-\*-\* (atmospheric release)

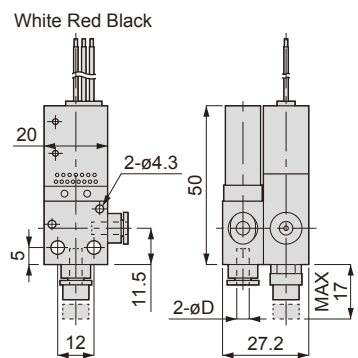
Unit: mm



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

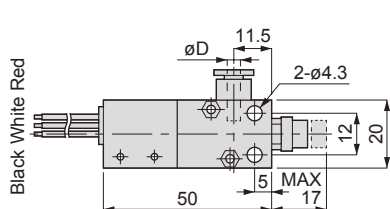


Model no.	O.D. øD	Nozzle diameter (mm)	Working pressure (MPa)	Ultimate vacuum (-kPa)	Suction flow (l/min. (ANR))	Air consumption (l/min. (ANR))	Weight (g)
VSB-H 05-44V	4	0.5	0.5	90	7	11.5	46.5
VSB-H 07-66V	6	0.7	0.5	93	13	23	46
VSB-H 10-66V		1			28	46	47
VSB-H 12-66V		1.2			38	70	47.5
VSB-L 05-44V	4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

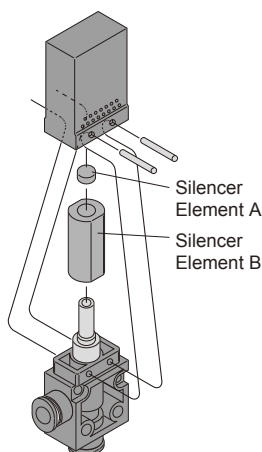


Model no.	Tube outer diameter		Weight (g)
	øD		
VSB-VUSM-4	4		29
VSB-VUSM-6	6		29

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

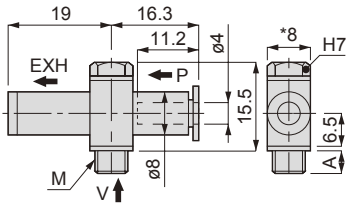
Note: VSB / VSG / VSJ common part

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

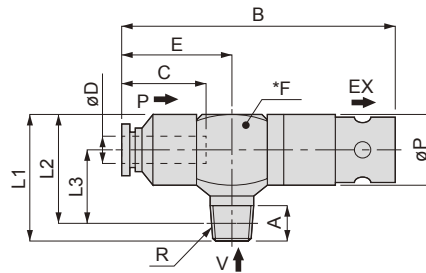
VSX  
VSXM

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									
VSC-H 15-8A10S	10	R1/4	11		33	21		105.9	30.9	20.7									
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		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											
VSC-H 20-10A10S		R3/8	12	32.7	20.7	105.9	30.9	20.7											
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									
VSC-L 10-6A8S	8							65.2	27.2	18.2									
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									
VSC-L 15-8A10S	10	R1/4	11		33	21		105.9	30.9	20.7									
VSC-L 15-10A10S		R3/8	12		32.7	20.7		105.9	30.9	20.7									
VSC-L 20-8A8S	8	R1/4	11		33	21		104.2	29.2	18.2		2				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											
VSC-L 20-10A10S		R3/8	12	32.7	20.7	105.9	30.9	20.7											
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									
VSC-E 10-6A8S	8							65.2	27.2	18.2									
VSC-E 12-6A6S	6							62.5	24.5	17		1.2							
VSC-E 12-6A8S	8							65.2	27.2	18.2									
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									
VSC-E 15-8A10S	10	R1/4	11		33	21		105.9	30.9	20.7									
VSC-E 15-10A10S		R3/8	12		32.7	20.7		105.9	30.9	20.7									
VSC-E 20-8A8S	8	R1/4	11		33	21		104.2	29.2	18.2		2				84	150	92.5	
VSC-E 20-10A8S	8	R3/8	12		32.7	20.7		104.2	29.2	18.2									
VSC-E 20-8A10S	10	R1/4	11	33	21	105.9	30.9	20.7											
VSC-E 20-10A10S		R3/8	12	32.7	20.7	105.9	30.9	20.7											

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

Ejector system

VSY

VSH-VSU  
VSB-VSC

VSG

VSK  
VSKM

VSJ  
VSJM

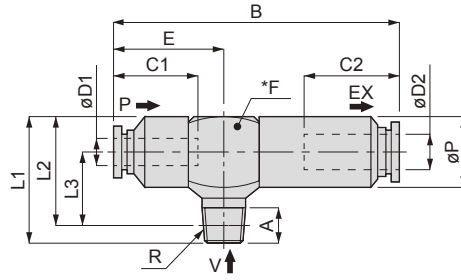
VSX  
VSXM

VSQ

VSZM

## Dimensions

### ● VSC-\*-\*J (common exhaust)



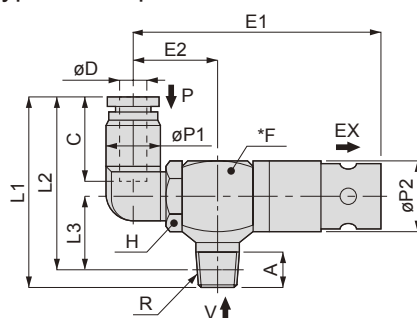
Unit: mm

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								64.7	24.5	17														
VSC-H 10-6A8J	8								67.4	27.2	18.2														
VSC-H 12-6A6J	6								64.7	24.5	17														
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	R3/8		12	31.7		20.7	99.5																		
VSC-H 15-8A10J	R1/4		11	32		21	100.5																		
VSC-H 15-10A10J	R3/8		12	31.7		20.7	103																		
VSC-H 20-8A8J	8		R1/4	11		32	21		94	29.2	18.2							104							
VSC-H 20-10A8J	R3/8		12	31.7		20.7	105																		
VSC-H 20-8A10J	10	R1/4	11	32	21	95.7	30.9	20.7	110	200	105														
VSC-H 20-10A10J	10	R3/8	12	31.7	20.7	95.7	30.9	20.7	110	200	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								64.7	24.5	17														
VSC-L 10-6A8J	8								67.4	27.2	18.2														
VSC-L 15-8A8J	8								R1/4	11	32								21	94	29.2	18.2	95	100	97
VSC-L 15-10A8J	R3/8								12	31.7	20.7								98						
VSC-L 15-8A10J	R1/4	11	32	21	23.3	22	1.5	66	95	100	99														
VSC-L 15-10A10J	R3/8	12	31.7	20.7							99														
VSC-L 20-8A8J	8	R1/4	11	32							21	94	29.2	18.2	180	200	98.5								
VSC-L 20-10A8J	R3/8	12	31.7	20.7							99.5														
VSC-L 20-8A10J	10	R1/4	11	32							21	95.7	30.9	20.7			100								
VSC-L 20-10A10J	10	R3/8	12	31.7							20.7	95.7	30.9	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								64.7	24.5	17														
VSC-E 10-6A8J	8								67.4	27.2	18.2														
VSC-E 12-6A6J	6								64.7	24.5	17														
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	R3/8		12	31.7		20.7	100.5																		
VSC-E 15-8A10J	R1/4		11	32		21	101.5																		
VSC-E 15-10A10J	R3/8		12	31.7		20.7			104.5																
VSC-E 20-8A8J	8		R1/4	11		32			21	94	29.2							18.2	84	150	104.5				
VSC-E 20-10A8J	R3/8		12	31.7		20.7			105.5																
VSC-E 20-8A10J	10	R1/4	11	32	21	95.7		30.9	20.7	105.5															
VSC-E 20-10A10J	10	R3/8	12	31.7	20.7	95.7		30.9	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	24	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	24	18.1							86.5				
VSC-H 15-8A10LS	10	R1/4	11	56.5	50.5	21	100.8	25.8	17.5	24	20.2							90.5				
VSC-H 15-10A10LS	10	R3/8	12	56.5	50.2	20.7	100.8	25.8	17.5	24	20.2							91.5				
VSC-H 20-8A8LS	8	R1/4	11	52.7	46.7	21	98.3	23.3	14.5	24	18.1							90				
VSC-H 20-10A8LS	8	R3/8	12	52.7	46.4	20.7	98.3	23.3	14.5	24	18.1							91				
VSC-H 20-8A10LS	10	R1/4	11	56.5	50.5	21	100.8	25.8	17.5	24	20.2	95										
VSC-H 20-10A10LS	10	R3/8	12	56.5	50.2	20.7	100.8	25.8	17.5	24	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	24	18.1	84
VSC-L 15-10A8LS	8			R3/8	12		52.7	46.4	20.7		98.3							23.3	14.5	24	18.1	85
VSC-L 15-8A10LS	10	R1/4	11	56.5	50.5	21	100.8	25.8	17.5	24	20.2	89										
VSC-L 15-10A10LS	10	R3/8	12	56.5	50.2	20.7	100.8	25.8	17.5	24	20.2	90										
VSC-L 20-8A8LS	8	R1/4	11	52.7	46.7	21	98.3	23.3	14.5	24	18.1	85.5										
VSC-L 20-10A8LS	8	R3/8	12	52.7	46.4	20.7	98.3	23.3	14.5	24	18.1	86.5										
VSC-L 20-8A10LS	10	R1/4	11	56.5	50.5	21	100.8	25.8	17.5	24	20.2	90.5										
VSC-L 20-10A10LS	10	R3/8	12	56.5	50.2	20.7	100.8	25.8	17.5	24	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	24	18.1	86.5										
VSC-E 15-10A8LS	8	R3/8	12	52.7	46.4	20.7	98.3	23.3	14.5	24	18.1	87.5										
VSC-E 15-8A10LS	10	R1/4	11	56.5	50.5	21	100.8	25.8	17.5	24	20.2	91.5										
VSC-E 15-10A10LS	10	R3/8	12	56.5	50.2	20.7	100.8	25.8	17.5	24	20.2	92.5										
VSC-E 20-8A8LS	8	R1/4	11	52.7	46.7	21	98.3	23.3	14.5	24	18.1	91.5										
VSC-E 20-10A8LS	8	R3/8	12	52.7	46.4	20.7	98.3	23.3	14.5	24	18.1	92.5										
VSC-E 20-8A10LS	10	R1/4	11	56.5	50.5	21	100.8	25.8	17.5	24	20.2	96.5										
VSC-E 20-10A10LS	10	R3/8	12	56.5	50.2	20.7	100.8	25.8	17.5	24	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

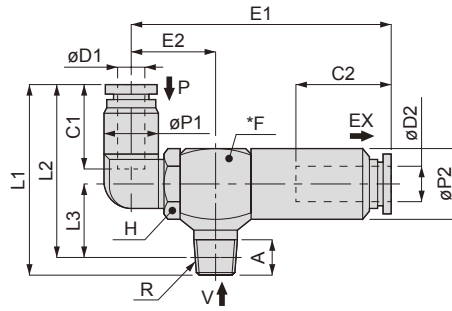
VSQ

VSZM



## Dimensions

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



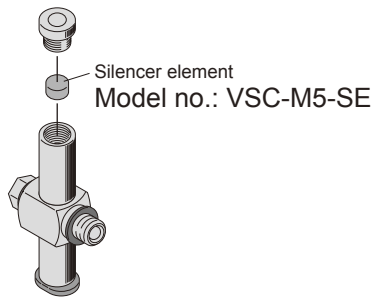
Unit: mm

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	19	22	1.5	66	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	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															

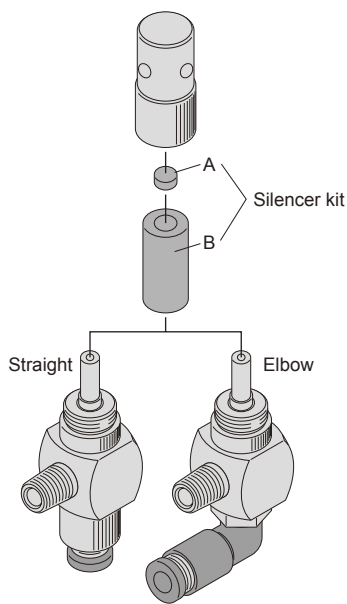
Note: L1, L2 and L3 dimensions are references applicable after screw tightening.

Model no.

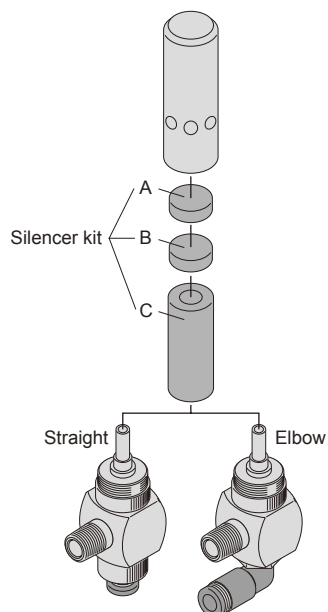
● Silencer element



● Silencer kit  
• VSC-\*07, 10, 12



• VSC-\*15, 20



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

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