

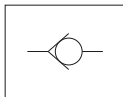
Product feature

1. If you input from one direction, the air will get through; if you input from the opposite direction, the air will not circulate.
2. It can ensure that the output side pressure does not change.

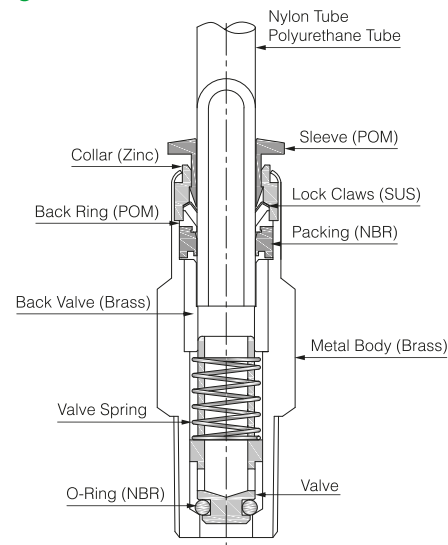
Specifications

Using fluids	Air, water (conditional)
Working pressure range	0~1.0MPa
Use vacuum pressure	-100KPa (10Torr)
Working temperature range	0~60℃

Symbol



Schematic diagram of structure



Control flow direction

CVPC/CVPF/CVPL	CVPC/CVPF/CVPL-B
Flow from male thread to pipe or female thread	Flow from pipe or female thread to male thread

Ordering code (example)

CVPC

Model

8

-

02

-

B

Tube size

Tube size	Metric size					
Code name	4	6	8	10	12	16
Size (mm)	Φ4	Φ6	Φ8	Φ10	Φ12	Φ16

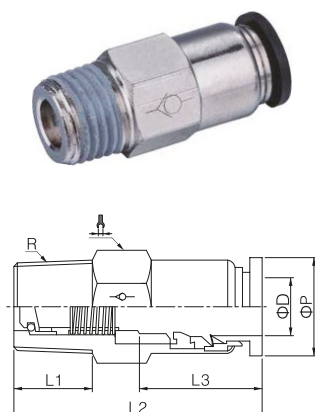
Air flow direction

Air flow direction	
Blank	Male thread flow to pipe (internal thread)
B	Pipe (female thread) flow to external thread

Thread specification

	55° taper pipe thread					Metric thread			55° straight pipe thread				
Code name	01	02	03	04	06	M3	M5	M6	G01	G02	G03	G04	G06
Thread	R1/8	R1/4	R3/8	R1/2	R3/4	M3×0.5	M5×0.8	M6×1.0	G1/8	G1/4	G3/8	G1/2	G3/4

CVPC-R Series



Model	ΦD	R	L1	L2	L3	ΦP	⌋
CVPC4-M5(B)	4	M5	3.5	18.5	15	10	12
CVPC4-M6(B)		M6	4	19	15	10	12
CVPC4-01(B)		R1/8	7.5	21	15	10	12
CVPC6-01(B)	6	R1/8	7.5	22	16	12	12
CVPC6-02(B)		R1/4	10	25	16	12	14
CVPC8-01(B)	8	R1/8	7.5	25	18	14	14
CVPC8-02(B)		R1/4	10	27.5	18	14	14
CVPC8-03(B)		R3/8	10.5	28.5	18	14	17
CVPC10-02(B)	10	R1/4	10	30	20	17	17
CVPC10-03(B)		R3/8	10.5	30.5	20	17	17
CVPC10-04(B)		R1/2	13.5	34	20	17	21
CVPC12-03(B)	12	R3/8	10.5	34	23	20	17
CVPC12-04(B)		R1/2	13.5	34.5	23	20	21

Fittings,
Air Hose

Quick
Fittings

Mini Quick
Fittings

Rotary
Joint

Stop
Fittings

Check
Valves

Speed
Controllers

Hand
Valves

Ball
Valves

Air Control
Valves

Push-IN
Fittings

316L
Fittings

KIS-A
(ISO A)

KIS-B
(ISO B)

KIS-O

KIS-PP

KZD

KZF

ST

TSP

310
(ISO-B6)

430
(ISO-B8)

550
(ISO-B12)

20 (Super
Mini Type)

21
(Mini Type)

320
(EURO 7.6)

410
(EURO 10.5)

210
(ARO210)

19
(ASIA)

200
(ASIA)

Pipe
Fittings

Brass Ball
Valves

US98A,
UE95A

UCS

PA12,
PA6

UN54D

Air Gun

Tracheal
Scissors

Silencers

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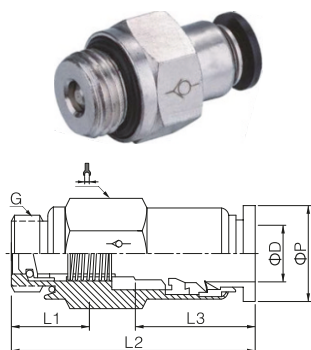
UN54D

Air Gun

Tracheal
Scissors

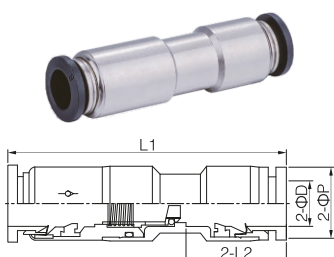
Silencers

CVPC-G Series



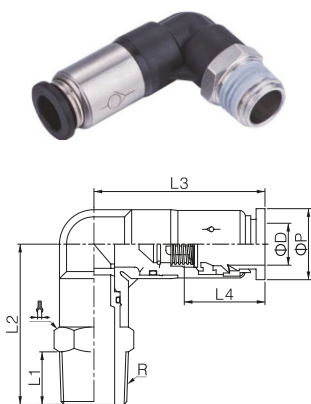
Model	ΦD	G	L1	L2	L3	ΦP	
CVPC4-G01(B)	4	G1/8	5.5	28	15	10	14
CVPC6-G01(B)	6	G1/8	5.5	30	16	12	14
CVPC6-G02(B)		G1/4	6.5	30	16	12	17
CVPC8-G01(B)	8	G1/8	5.5	33	18	14	14
CVPC8-G02(B)		G1/4	6.5	35	18	14	17
CVPC8-G03(B)		G3/8	7.5	35	18	14	20
CVPC10-G02(B)	10	G1/4	6.5	41	20	17	17
CVPC10-G03(B)		G3/8	7.5	41	20	17	20
CVPC10-G04(B)		G1/2	10	41	20	17	24
CVPC12-G03(B)	12	G3/8	7.5	44.5	23	20	20
CVPC12-G04(B)		G1/2	10	44.5	23	20	24

CVPU Series



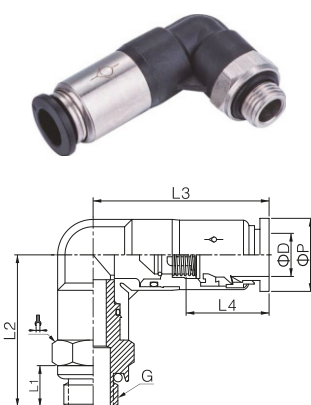
Model	ΦD	L1	L2	ΦP
CVPU4	4	43	15	10
CVPU6	6	46	16	12
CVPU8	8	53	18	14
CVPU10	10	61.5	20	17
CVPU12	12	67	23	20.5

CVPL-R Series



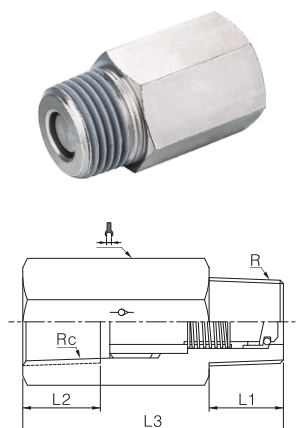
Model	ΦD	R	L1	L2	L3	L4	ΦP	
CVPL4-M5(B)	4	M5	3.5	18.5	35	15	10	12
CVPL4-M6(B)		M6	4	19	35	15	10	12
CVPL4-O1(B)		R1/8	7.5	21	35	15	10	12
CVPL6-O1(B)	6	R1/8	7.5	22	37	16	12	12
CVPL6-O2(B)		R1/4	10	25	37	16	12	14
CVPL8-O1(B)	8	R1/8	7.5	25	44	18	14	14
CVPL8-O2(B)		R1/4	10	27.5	44	18	14	14
CVPL8-O3(B)		R3/8	10.5	28.5	44	18	14	17
CVPL10-O2(B)	10	R1/4	10	30	53	20	17	17
CVPL10-O3(B)		R3/8	10.5	30.5	53	20	17	17
CVPL10-O4(B)		R1/2	13.5	34	53	20	17	21
CVPL12-O3(B)	12	R3/8	10.5	34	56.5	23	20	17
CVPL12-O4(B)		R1/2	13.5	34.5	56.5	23	20	21

CVPL-G Series



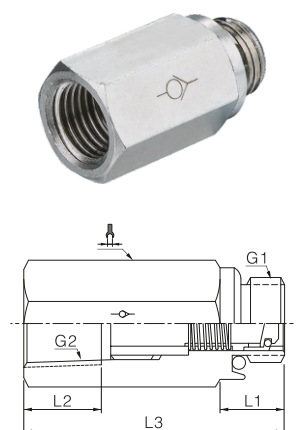
Model	ΦD	G	L1	L2	L3	L4	ΦP	
CVPL4-G01(B)	4	G1/8	5.5	21	35	15	10	14
CVPL6-G01(B)	6	G1/8	5.5	22	37	16	12	14
CVPL6-G02(B)		G1/4	6.5	23	37	16	12	17
CVPL8-G01(B)	8	G1/8	5.5	24.5	44	18	14	14
CVPL8-G02(B)		G1/4	6.5	25.5	44	18	14	17
CVPL8-G03(B)		G3/8	7.5	27.5	44	18	14	20
CVPL10-G02(B)	10	G1/4	6.5	27.5	53	20	17	17
CVPL10-G03(B)		G3/8	7.5	29.5	53	20	17	20
CVPL10-G04(B)		G1/2	10	32	53	20	17	24
CVPL12-G03(B)	12	G3/8	7.5	30	56.5	23	20	20
CVPL12-G04(B)		G1/2	10	32.5	56.5	23	20	24

CVPSF/CVPFS-R Series



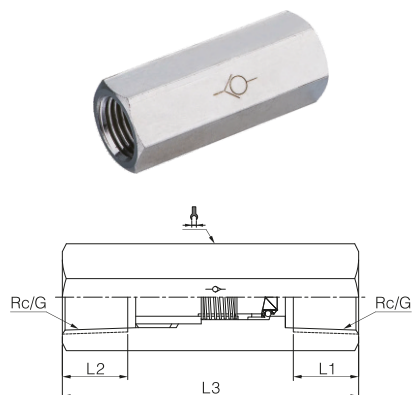
Model	R	Rc	L1	L2	L3	
From external thread to internal thread						
CVPSF 01-01	R1/8	Rc1/8	8	8	26.5	12
CVPSF 02-02	R1/4	Rc1/4	10	10	33.5	17
CVPSF 03-03	R3/8	Rc3/8	11	11	38	20
CVPSF 04-04	R1/2	Rc1/2	14	14	43	24
From internal thread to external thread						
CVPFS 01-01	R1/8	Rc1/8	8	8	26.5	12
CVPFS 02-02	R1/4	Rc1/4	10	10	33.5	17
CVPFS 03-03	R3/8	Rc3/8	11	11	38	20
CVPFS 04-04	R1/2	Rc1/2	14	14	43	24

CVPSF/CVPFS-G Series



Model	G1	G2	L1	L2	L3	
From external thread to internal thread						
CVPSF G01-G01	G1/8	G1/8	5.5	8	26.5	12
CVPSF G02-G02	G1/4	G1/4	6.5	10	33.5	17
CVPSF G03-G03	G3/8	G3/8	7.5	11	38	20
CVPSF G04-G04	G1/2	G1/2	10	14	43	24
From internal thread to external thread						
CVPFS G01-G01	G1/8	G1/8	5.5	8	26.5	12
CVPFS G02-G02	G1/4	G1/4	6.5	10	33.5	17
CVPFS G03-G03	G3/8	G3/8	7.5	11	38	20
CVPFS G04-G04	G1/2	G1/2	10	14	43	24

CVPFF Series



Model	Rc/G	L1/L2	L3	
CVPFF01-01	Rc1/8	8	35	12
CVPFF02-02	Rc1/4	10	44.5	17
CVPFF03-03	Rc3/8	11	50	20
CVPFF04-04	Rc1/2	14	57	24
CVPFFG01-G01	G1/8	8	35	12
CVPFFG02-G02	G1/4	10	44.5	17
CVPFFG03-G03	G3/8	11	50	20
CVPFFG04-G04	G1/2	14	57	24

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