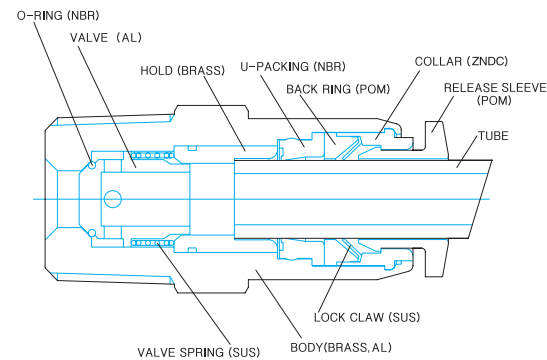


- Applications
- Used in places where air should flow in one direction only.
 - Used in places where the air pressure of the ventilation section should be kept uniform.
 - Good for low pressure devices.

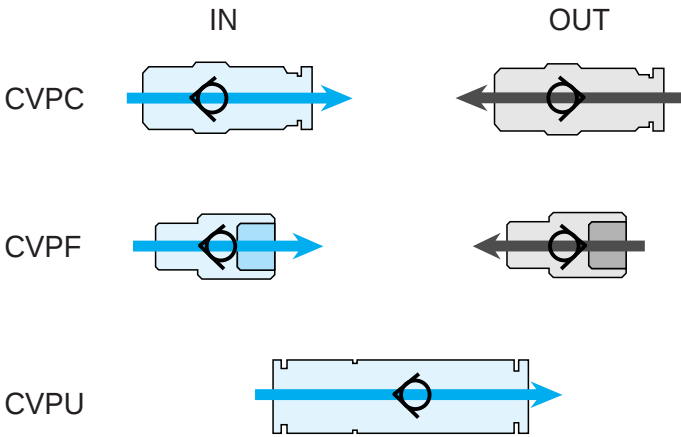
- Features
- Suitable for low pressure applications.
 - This valve allows compressed air from one side flow and blocks the inverse flow to protect and maintain the vacuum line and is easily applied to low pressure piping.

- Specifications
- Fluid type : Air(No other gases or liquids)
 - Working pressure: 0~150PSI / 0~9.9Kgf/cm²(0~990kPa)
 - Negative pressure : -29.5 in Hg / -750mmHg(-750Torr)
 - Working temperature: 32~140° F / 0~60° C
 - Applicable Tube: Polyurethane and Nylon

Structural Diagram



Applied example



Product Code System

METRIC - BSPT(R)			
CVPC 08-01			
CHECK VALVES			
Tube Dia		Thread Size	
CODE	φD	CODE	SIZE
04	φ4	M5	M5×0.8
06	φ6	01	R1/8
08	φ8	02	R1/4
10	φ10	03	R3/8
12	φ12	04	R1/2
Sleeve color		OUT BLUE	
		IN	RED

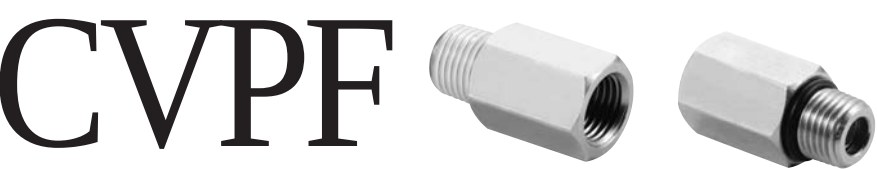
METRIC - BSPP(G)			
CVPC 08-G1			
CHECK VALVES			
Tube Dia		Thread Size	
CODE	φD	CODE	SIZE
04	φ4	G01	G1/8
06	φ6	G02	G1/4
08	φ8	G03	G3/8
10	φ10	G04	G1/2
12	φ12		
Sleeve color		OUT BLUE	
		IN	RED

INCH - NPT			
CVPC 5/16-N1			
CHECK VALVES			
Tube Dia		Thread Size	
CODE	SIZE	CODE	SIZE
1/4	1/4"	N1	NPT1/8
5/16	5/16"	N2	NPT1/4
3/8	3/8"	N3	NPT3/8
1/2	1/2"	N4	NPT1/2
Sleeve color		OUT BLUE	
		IN	RED

- CAUTION
- Be sure to refer to Caution on Safety, Classification of Warning Indications (P7), and Common Caution of Fitting Products (P8) before use.
 - Assemble the fitting according to the proper connection torque value (P7).
 - Proper torque refer to connection by hand and 2~3 rotations using a tool. Excessive pressure may damage the screw.

- WARNING
- Do not force impact or rotation on the body or fitting section.
 - The main body may heat due to too many transfer operations, and it may burn.

Check Valves

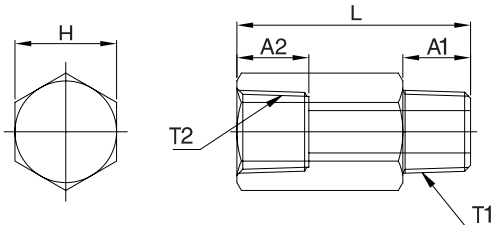


Check Valves



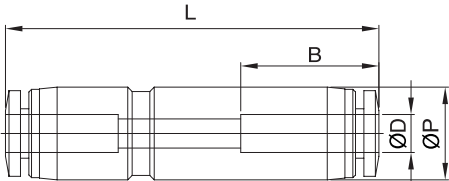
BSPT(R) - BSPT(R)

MODEL	T1	T2	L	A1	A2	H(Hex)	WEIGHT(g)	BOX(EA)
CVPF 01-01	R1/8	Rc1/8	28.1	8.0	8.0	12	16.0	100
CVPF 02-02	R1/4	Rc1/4	34.1	11.0	11.0	17	39.0	50
CVPF 03-03	R3/8	Rc3/8	53.8	12.0	12.0	22	107.0	25
CVPF 04-04	R1/2	Rc1/2	61.0	14.0	14.0	24	130.0	25



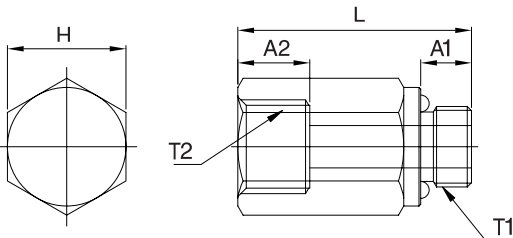
METRIC

MODEL	ØD	ØP	L	B	WEIGHT(g)	BOX(EA)
CVPU 04	4	10.5	423	15.7	5.6	100
CVPU 06	6	12.5	475	17.0	8.4	100
CVPU 08	8	14.8	564	19.1	13.4	50
CVPU 10	10	23.0	652	20.3	16.4	25
CVPU 12	12	25.0	730	23.3	31.2	25



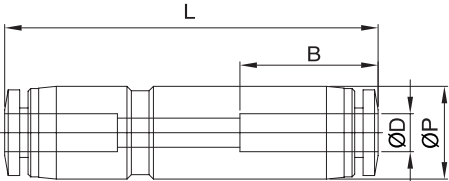
BSPP(G) - BSPP(G)

MODEL	T1	T2	L	A1	A2	H(Hex)	WEIGHT(g)	BOX(EA)
CVFPG01-G01	G1/8	G1/8	26.6	5.0	8.0	14	24.0	100
CVFPG02-G02	G1/4	G1/4	33.1	6.5	10.0	17	40.0	100
CVFPG03-G03	G3/8	G3/8	49.0	6.5	11.0	22	102.0	25
CVFPG04-G04	G1/2	G1/2	55.7	8.0	14.0	24	121.0	25



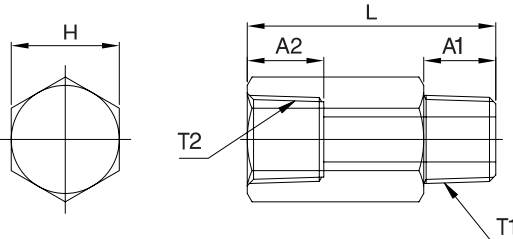
INCH

MODEL	ØD	ØP	L	B	WEIGHT(g)	BOX(EA)
CVPU 5/32	5/32	10.5	423	15.7	5.6	100
CVPU 3/16	3/16	11.5	442	16.9	7.4	100
CVPU 1/4	1/4	13.0	484	17.4	8.4	50
CVPU 5/16	5/16	14.8	564	19.1	13.4	50
CVPU 3/8	3/8	23.0	653	20.3	43.4	25
CVPU 1/2	1/2	25.0	734	23.5	58.0	25



NPT - NPT

MODEL	T1	T2	L	A1	A2	H(Hex)	WEIGHT(g)	BOX(EA)
CVPFN1-N1	NPT1/8	NPT1/8	28.1	8.5	8.5	1/2	19.0	100
CVPFN2-N2	NPT1/4	NPT1/4	34.1	10.5	10.5	11/16	40.0	50
CVPFN3-N3	NPT3/8	NPT3/8	53.8	12.5	11.5	7/8	110.0	25
CVPFN4-N4	NPT1/2	NPT1/2	61.0	14.5	14.5	15/16	135.0	25



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