CHECK VALVES

Application

- Check Valves permit airflow in one direction.
- Used for maintaining the output pressure at a constant level.

Feature

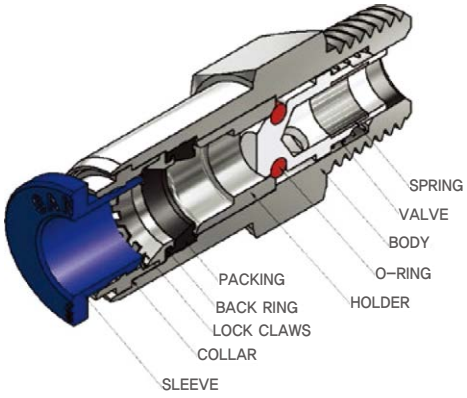
- The check valves permit the airflow in one direction but stops in the reverse direction.
- The check valve works at the pressure of 0.1Kgf/㎠, keeps 1.42PSI in vacuum and connects at a low pressure.

Specification

Fluid	Air(No other gases or liquids)	
Working Pressure Range	0~284PSI	0~20Kgf/㎠(0~1960kPa)
Negative Pressure	-29.5inHg	-750mmHg(10Torr)
Temperature Range	32~176℉	0~80℃
Applicable Tube Material	Polyurethane and Nylon	



Structural Diagram



Product Code System

GPCVC 06 - 01 O

① ② ③ ④

① Type

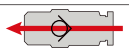
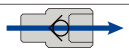
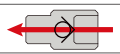
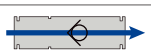
② Tube Dia(ØD)

Code	04	06	08	10	12
Dia	Ø4	Ø6	Ø8	Ø10	Ø12

③ Thread Size(T)

	Metric size		Taper Pipe Thread			
Code	M5	M6	01	02	03	04
Size	M5X0.8	M6X1.0	R1/8	R1/4	R3/8	R1/2

④ Control Method

Type	Meter IN	Meter OUT
Air Flow	Thread to Tube	Tube to Thread
PCVC		
PCVF		
PCVF		In case of PCVU model, you should pipe accoring to signal of the body.

CAUTION

- Be sure to read the "Common Precautions" and "Using Precautions of Fitting Series" (P14) before using.
- Be sure to confirm the direction of the stop instrument Reverse direction will not allow airflow.

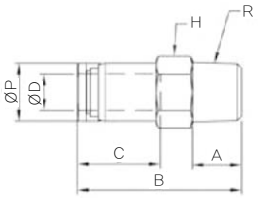
WARNING

- Be careful of a scald by the heat generation on the body for the high frequency of stop circulation effect.

GPCVC

Straight





MODEL [ØD – T] Tube (Metric) – Thread(R) (mm)

CODE	MODEL	ØD	R	H	C	ØP	B	A	W.G(g)	Q´ty/ Inbox
21210402	GPCVC 04M5	4	M5	9	14.5	8.8	31.3	5.4	9.7	100
21210403	GPCVC 04M6	4	M6	9	14.5	8.8	32.3	6.4	10.1	100
21210411	GPCVC 0401	4	R1/8	10	14.5	8.8	25.9	8	10.8	100
21210611	GPCVC 0601	6	R1/8	12	15.5	11	32.25	8	13.6	100
21210612	GPCVC 0602	6	R1/4	14	15.5	11	32.25	11	22	50
21210811	GPCVC 0801	8	R1/8	14	17.8	13	32.6	8	18.1	50
21210812	GPCVC 0802	8	R1/4	14	17.8	13	36.6	11	21.6	50
21211013	GPCVC 1003	10	R3/8	24	19.4	25	60.7	12	43	20
21211014	GPCVC 1004	10	R1/2	27	19.4	28	66.5	15	54.2	20
21211213	GPCVC 1203	12	R3/8	24	22.4	25	63.5	12	48.1	20
21211214	GPCVC 1204	12	R1/2	27	22.4	28	69.5	15	61.1	20