CHECK VALVES

Application

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

Feature

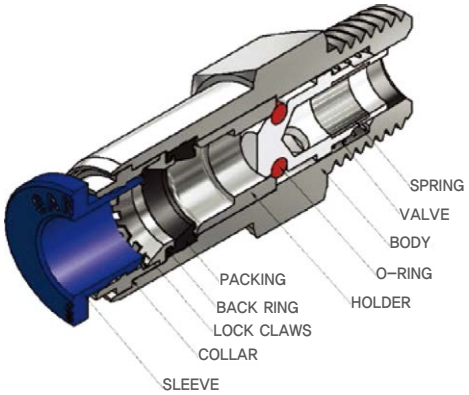
- The check valves permit the airflow in one direction but stops in the reverse direction.
- The check valve works at the pressure of 0.1Kgf/㎠, keeps 1.42PSI in vacuum and connects at a low pressure.

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 0

① ② ③ ④

① Type

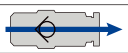
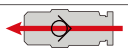
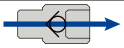
② Tube Dia(ØD)

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

③ Thread Size(T)

	Taper Pipe Thread			
Code	G01	G02	G03	G04
Size	G1/8	G1/4	G3/8	G1/2

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.

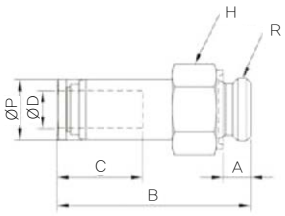
WARNING

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

GPCVC-G

Straight





MODEL [ØD-T] Tube (Metric)-Thread(G) (mm)

CODE	MODEL	ØD	R	H	C	ØP	B	A	W.G(g)	Q'ty/Inbox
21210431	GPCVC 04G01	4	G1/8	14	14.5	8.8	25.9	5	15.5	100
21210631	GPCVC 06G01	6	G1/8	14	15.5	11	36.05	5	19.2	100
21210632	GPCVC 06G02	6	G1/4	17	15.5	11	32.25	6	28.1	50
21210831	GPCVC 08G01	8	G1/8	14	17.8	13	36.4	5	23.2	50
21210832	GPCVC 08G02	8	G1/4	17	17.8	13	41.9	6	32.8	50
21211033	GPCVC 10G03	10	G3/8	24	19.4	25	57.7	7	43	20
21211034	GPCVC 10G04	10	G1/2	27	19.4	28	63	8.5	54.2	20
21211233	GPCVC 12G03	12	G3/8	24	22.4	25	60.5	7	48.1	20
21211234	GPCVC 12G04	12	G1/2	27	22.4	28	66	8.5	61.1	20