

CV型 单向阀
Model CV Check Valve



- Model CV check valve is used on the piping of liquid, suction gas or hot air on the freezing, cold storage and air conditioner units.
- The valve seat and seals of Model CV check valve have excellent sealing performance.
- For Model CV check valve, both threaded and welded connections are available.

特点 Features

- Ensure one flow direction and avoid reversal
- With the built-in damper and could be mounted on the piping with pressure pulsation.
- Prevent refrigerant back flow from high temperature evaporator to low temperature evaporator.
- Applicable to the refrigeration unit in parallel with compressor.
- Both direct flow type and right-angle type are available.

技术参数 Technical Parameters

适用制冷剂Applicable Refrigerant	HCFC、HFC
适用介质温度Applicable Medium Temperature	-40℃ ~ +120℃
最大工作压力 Maximum Working Pressure	3.0MPa
最大试验压力 Maximum Test Pressure	4.5MPa
最小开阀压差 Minimum Opening Pressure Differential	△P=0.03 MPa

造型 Selection

型 号 Model	型式Type	规格Spec		通 径I.D. (mm)	Kv值Value (m ³ /h)
		喇叭口Flare	焊接口Welded		
CV-6	直通型 Direct Flow	1/4 SAE	1/4 ODF	4.8	0.56
CV-10		3/8 SAE	3/8 ODF	8	1.43
CV-12		1/2 SAE	1/2 ODF	10	2.05
CV-16		5/8 SAE	5/8 ODF	13	3.60
CV-19		3/4 SAE	3/4 ODF	16	5.50
CVR-22	直角型 Right Angle	---	7/8 ODF	19	8.50
CVR-28		---	1-1/8 ODF	25	19.0
CVR-35		---	1-3/8 ODF	32	29.0

1) Kv值：密度为1吨/m³的水在通过单向阀的压差等于100KPa时的流量，单位为m³/h；

1) Kv value: When the pressure differential is 100 KPa, the flowrate at m³/h of water in density 1 t/m³ flows through the solenoid valve.

结构 Structure

- 1.铜接管 copper tube
- 2.阀体 valve body
- 3.阀芯部件 valve core
- 4.回复弹簧 recovery spring
- 5.接头 (阀盖) connection (valve cover)

