

# Check Valve

## CV Series

### Application

CV series check valve with built-in piston is designed to control the correct flow direction, can be used in liquid, suction and hot gas lines in commercial refrigeration system and air conditioning systems.



### Features

- The valve ensures only correct flow direction;
- Damping spring design makes the free installation;
- Reinforced spring type designed for compressor discharge pipes in single or multi compressor system.

### Approvals

UL, Declaration according to PED

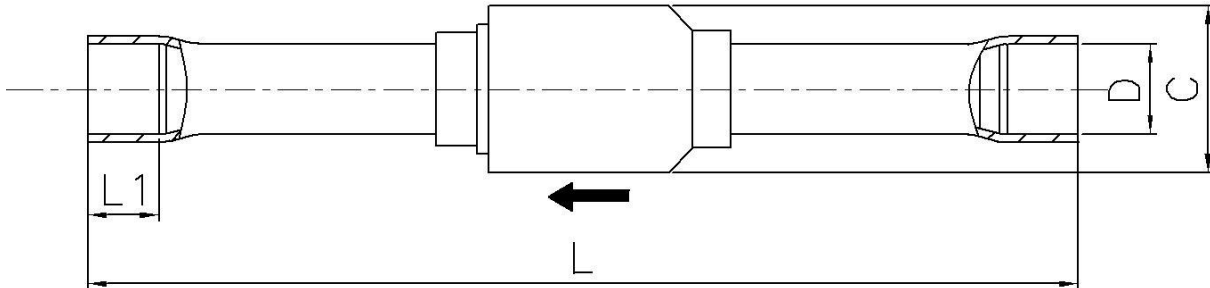
### Technical Data

Applicable Refrigerant: R134a, R407C, R410A, R404A, R290, and R32;

Max. Operating Pressure: 4.9 MPa

Medium Temperature: -40°C~+150°C

## Ordering and Dimensions



Model	Code No.	Dimensions				$K_v$ [m <sup>3</sup> /h]	Min. OPD [bar]
		C	D	L	L <sub>1</sub>		
		[mm]	[mm]	[mm]	[mm]		
CV12S	260610000501	22	12.75	131	10	2.05	0.05
CV16S	260527000101	28	16.1	140	16	3.0	0.05
CV19S	260610001801	34	19.25	165	14	5.5	0.05

The  $K_v$  value is the water flow at a differential pressure of 0.1 MPa.  
Flow Unit: m<sup>3</sup>/h; Density: 1000 kg/m<sup>3</sup>.