

YCVS SERIES**CHECK VALVE
PISTON TYPE**

Piston type check valves are designed for installation in commercial refrigerating systems and in residential or industrial air conditioning plants. They are used to control the unidirectional flow of refrigerant so as to prevent backflow.

**FEATURES**

- THIS VALVE CAN ENSURE THE ONLY CORRECT FLOW DIRECTION
- EQUIPPED WITH DAMPING SPRING TO FREELY INSTALL THE VALVE AT POSITIONS WITH PRESSURE PULSE
- AVAILABLE IN TWO TYPES OF MODEL: STRAIGHTWAY VALVE AND L-SHAPE VALVE, EASY TO CONNECT
- SPECIAL VERSION OF CHECK VALVE EQUIPPED WITH REINFORCED SPRING AVAILABLE, APPLICABLE TO COMPRESSOR DISCHARGE PIPES IN SINGLE OR MULTI COMPRESSOR SYSTEMS (YCVSH SERIES)
- LOW PRESSURE DROP DURING OPERATION

**GENERAL
SPECIFICATIONS**

- Applicable for all common HCFC, HFC, HC refrigerants such as: R22, R134a, R404A, R407C, R410A, R507A, R407A/F, R290¹⁾, R32¹⁾, R1234yf¹⁾, R1234ze¹⁾, R448A/R449A, R452A, R450A/R513A, R744
- Medium temperature TS min./max.: -50°C / +140°C
- Max. operating pressure PS: 4,6 MPa (46 bar)
- Installation position:
 - Flow direction corresponds to the arrow
 - Straight-way type: preferably installed with vertical axis and flow upwards, sloping axis up to horizontal is tolerable
 - L-shape type: flow direction from bottom to top
- Declaration according to PED

Note: 1) For all the flammable refrigerants only tube connections below 25 mm (1 inch) can be used

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GENERAL CHARACTERISTICS

Model	Part Number*	Type	Connections ODF		Kv	Min. OPD	Dimensions			PED category
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			[inch]	[mm]	[m³/h]	[kPa]				
YCVS 5-11GSHC-1	10160030202	straight-way	-	6	0,56	5	5	90	18	3,3
YCVS 5-22GSHC-1	10160024502	straight-way	1/4	-	0,56	5	5	90	18	3,3
YCVS 8-33GSHC-1	10160024602	straight-way	3/8	-	1,43	5	8	110	18	3,3
YCVSH 8-33GSHC-1	10160030502	straight-way	3/8	-	1,43	15	8	110	18	3,3
YCVS 8-33GSHC-2	10160031302	straight-way	-	10	1,43	5	8	110	18	3,3
YCVSH 8-33GSHC-2	10160033202	straight-way	-	10	1,43	15	8	110	18	3,3
YCVS 10-33GSHC-1	10160023802	straight-way	-	12	2,1	5	10	130	22	3,3
YCVSH 10-33GSHC-1	10160029102	straight-way	-	12	2,1	15	10	130	22	3,3
YCVS 10-44GSHC-1	10160023902	straight-way	1/2	-	2,1	5	10	130	22	3,3
YCVSH10-44GSHC-1	10160024802	straight-way	1/2	-	2,1	15	10	130	22	3,3
YCVS 13-55GSHC-1	10160024002	straight-way	5/8	16	3,9	5	13	140	28	3,3
YCVSH 13-55GSHC-1	10160024902	straight-way	5/8	16	3,9	15	13	140	28	3,3
YCVS 17-55GSHC-1	10160024202	straight-way	-	18	5,52	5	17	165	34	3,3
YCVSH 17-55GSHC-1	10160036902	straight-way	-	18	5,52	15	17	165	34	3,3
YCVS 17-66GSHC-1	10160024102	straight-way	3/4	-	5,52	5	17	165	34	3,3
YCVSH 17-66GSHC-1	10160028202	straight-way	3/4	-	5,52	15	17	165	34	3,3
YCVS 17-77GSHC-1	10160025002	straight-way	7/8	22	5,52	5	17	165	34	3,3
YCVSH 17-77GSHC-1	10160037502	straight-way	7/8	22	5,52	15	17	165	34	3,3
YCVS 20-77GSHC-1	10160030002	L-shape	7/8	22	13,2	10	20	132	87	3,3
YCVSH 20-77GSHC-1	10160034602	L-shape	7/8	22	13,2	30	20	132	87	3,3
YCVS 26-88GSHC-1	10160037202	L-shape	-	28	19,02	10	26	196	123	3,3
YCVSH 26-88GSHC-1	10160023702	L-shape	-	28	19,02	30	26	196	123	3,3
YCVS 26-99GSHC-1	10160030102	L-shape	1 1/8	-	19,02	10	26	196	123	3,3
YCVSH 26-99GSHC-1	10160034702	L-shape	1 1/8	-	19,02	30	26	196	123	3,3
YCVS 31-BBGSHC-1	10160024402	L-shape	1 3/8	35	29,1	10	31	196	123	I
YCVSH 31-BBGSHC-1	10160037402	L-shape	1 3/8	35	29,1	30	31	196	123	I
YCVS 31-DDGSHC-1	10160037002	L-shape	1 5/8	-	29,1	10	31	196	123	I
YCVSH 31-DDGSHC-1	10160037102	L-shape	1 5/8	-	29,1	30	31	196	123	I
YCVS 31-DDGSHC-2	10160032402	L-shape	-	42	29,1	10	31	196	123	I
YCVSH 31-DDGSHC-2	10160042302	L-shape	-	42	29,1	30	31	196	123	I

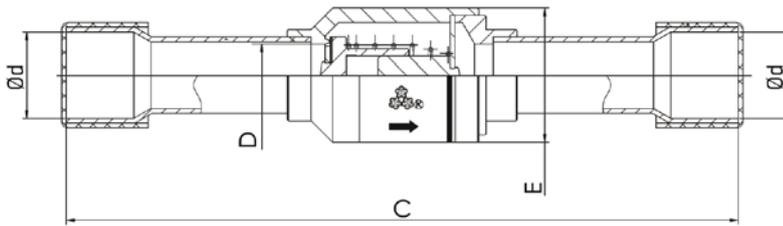
* Available also as industrial package. Contact Sanhua for more details.

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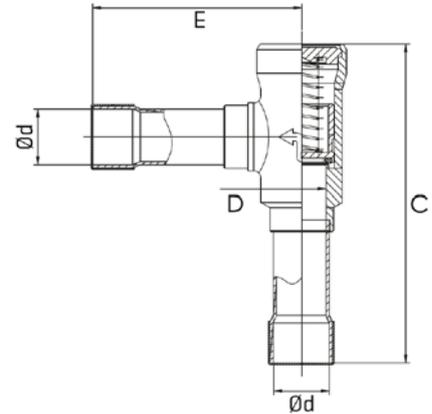


GENERAL CHARACTERISTICS

Straight-way



L-shape



Quick Finder

SELECT THE RIGHT PRODUCT

