



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 and HFC refrigerants such as: R22, R134a, R404A, R407C, R410A, R507A ...
- 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



SANHUA YCV SERIES

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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]	[mm]	[mm]	[mm]	
YCVS 5-11GSHC-1	YCV-15001	straight-way	-	6	0,56	5	5	90	18	3,3
YCVS 5-22GSHC-1	YCV-15002	straight-way	1/4	-	0,56	5	5	90	18	3,3
YCVS 8-33GSHC-1	YCV-15007	straight-way	3/8	-	1,43	5	8	110	18	3,3
YCVSH 8-33GSHC-1	YCV-15008	straight-way	3/8	-	1,43	15	8	110	18	3,3
YCVS 8-33GSHC-2	YCV-15009	straight-way	-	10	1,43	5	8	110	18	3,3
YCVSH 8-33GSHC-2	YCV-15010	straight-way	-	10	1,43	15	8	110	18	3,3
YCVS 10-33GSHC-1	YCV-15015	straight-way	-	12	2,1	5	10	130	22	3,3
YCVSH 10-33GSHC-1	YCV-15016	straight-way	-	12	2,1	15	10	130	22	3,3
YCVS 10-44GSHC-1	YCV-15017	straight-way	1/2	-	2,1	5	10	130	22	3,3
YCVSH10-44GSHC-1	YCV-15018	straight-way	1/2	-	2,1	15	10	130	22	3,3
YCVS 13-55GSHC-1	YCV-15021	straight-way	5/8	16	3,9	5	13	140	28	3,3
YCVSH 13-55GSHC-1	YCV-15022	straight-way	5/8	16	3,9	15	13	140	28	3,3
YCVS 17-55GSHC-1	YCV-15027	straight-way	-	18	5,52	5	17	165	34	3,3
YCVSH 17-55GSHC-1	YCV-15028	straight-way	-	18	5,52	15	17	165	34	3,3
YCVS 17-66GSHC-1	YCV-15029	straight-way	3/4	-	5,52	5	17	165	34	3,3
YCVSH 17-66GSHC-1	YCV-15030	straight-way	3/4	-	5,52	15	17	165	34	3,3
YCVS 17-77GSHC-1	YCV-15051	straight-way	7/8	22	5,52	5	17	165	34	3,3
YCVSH 17-77GSHC-1	YCV-15052	straight-way	7/8	22	5,52	15	17	165	34	3,3
YCVS 20-77GSHC-1	YCV-15033	L-shape	7/8	22	13,2	10	20	132	87	3,3
YCVSH 20-77GSHC-1	YCV-15034	L-shape	7/8	22	13,2	30	20	132	87	3,3
YCVS 26-88GSHC-1	YCV-15039	L-shape	-	28	19,02	10	26	196	123	3,3
YCVSH 26-88GSHC-1	YCV-15040	L-shape	-	28	19,02	30	26	196	123	3,3
YCVS 26-99GSHC-1	YCV-15041	L-shape	1 1/8	-	19,02	10	26	196	123	3,3
YCVSH 26-99GSHC-1	YCV-15042	L-shape	1 1/8	-	19,02	30	26	196	123	3,3
YCVS 31-BBGSHC-1	YCV-15045	L-shape	1 3/8	35	29,1	10	31	196	123	I
YCVSH 31-BBGSHC-1	YCV-15046	L-shape	1 3/8	35	29,1	30	31	196	123	I
YCVS 31-DDGSHC-1	YCV-15047	L-shape	1 5/8	-	29,1	10	31	196	123	I
YCVSH 31-DDGSHC-1	YCV-15048	L-shape	1 5/8	-	29,1	30	31	196	123	I
YCVS 31-DDGSHC-2	YCV-15049	L-shape	-	42	29,1	10	31	196	123	I
YCVSH 31-DDGSHC-2	YCV-15050	L-shape	-	42	29,1	30	31	196	123	I



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GENERAL CHARACTERISTICS

