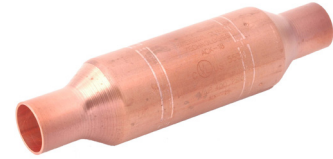


The ACK check valve is a normally closed magnetic check valve that prevents reverse refrigerant flow in liquid lines and compressor discharge lines.



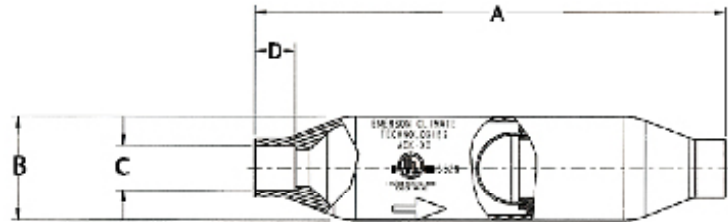
Features

- Copper Connection Sizes 1/4" through 2-5/8"
- Hermetic Spun Copper Design
- Magnetic Checking Action
- Built-In 30 Mesh Stainless Steel Strainer
- Can Be Installed In Any Position

Specifications

- UL/CUL File number: SA 5312

Dimensional Data



Nomenclature example: ACK-4

ACK	4
Check Valve Series	Copper ODF Connection Size (in 1/16")

Ordering Information and Dimensional Data (in)

Cross Reference

PCN	Model	Connection Size	A	B	C	D	Opening Pressure (oz/sq in)	Opening Pressure (psig)	MWP (psig)	A-1 Components	Superior
064985	ACK-4	1/4 ODF	4.00	0.88	0.254 ± 0.002	0.19	1.2	0.08	800	MS-4	900M-4S
064986	ACK-6	3/8 ODF			0.379 ± 0.002	0.4				MS-6	900M-6S
064987	ACK-8	1/2 ODF	5.00	1.13	0.504 ± 0.002	0.364	3.5	0.22	680	MS-8	900M-8S
064988	ACK-10	5/8 ODF			0.629 ± 0.002	0.5				MS-10	900M-10S
064989	ACK-12	3/4 ODF	7.00	1.63	0.754 ± 0.002	0.63	3.8	0.24	680	MS-12	900M-12S
064990	ACK-14	7/8 ODF			0.879 ± 0.003	0.342				MS-14	900M-14S
064991	ACK-18	1-1/8 ODF	8.38	2.13	1.130 ± 0.003	0.394	6.8	0.43	680	MS-18	N/A
064992	ACK-22	1-3/8 ODF	9.38	2.63	1.380 ± 0.003	1.04	10.2	0.64	680	MS-22	N/A
064993	ACK-26	1-5/8 ODF	10.50	3.13	1.630 ± 0.003	1.07	11.4	0.71	680	MS-26	N/A
064994	ACK-34	2-1/8 ODF	12.00	3.63	2.130 ± 0.003	1.34	18.1	1.13	680	MS-34	N/A
064995	ACK-42	2-5/8 ODF	13.00	4.13	2.630 ± 0.003	1.50	23.00	1.44	680	MS-42	N/A

Model	Nominal Tons R-22 Suction 40°F @ 1 psi	Nominal Tons R-22 Liquid 40°F @ 1 psi	Nominal Tons R-404A Discharge 40°F @ 2 psi	Nominal Tons R-404A Suction 40°F @ 1 psi	Nominal Tons R-404A Liquid 40°F @ 1 psi	Nominal Tons R-410A Discharge 40°F @ 2 psi	Nominal Tons R-410A Suction 40°F @ 1 psi	Nominal Tons R-410A Liquid 40°F @ 1 psi	Cv
ACK-4	0.40	2.60	.59	0.34	1.77	0.80	0.48	2.59	0.9
ACK-6	0.60	3.10	1.20	0.50	2.11	1.63	0.72	3.09	1.0
ACK-8	1.20	9.40	2.23	1.01	6.39	3.01	1.44	9.37	3.1
ACK-10	1.40	13	2.67	1.18	8.84	3.61	1.68	12.96	3.6
ACK-12	3.30	27	5.82	2.77	18.36	7.87	3.96	26.92	8.0
ACK-14	3.70	29	6.71	3.11	19.72	9.08	4.44	28.91	9.2
ACK-18	6	51	10.55	5.04	34.68	14.27	7.20	50.85	15.4
ACK-22	9.50	79	17.73	7.98	53.72	23.98	11.40	78.76	23.8
ACK-26	17	102	26.04	14.28	69.36	35.21	20.40	101.69	24.2
ACK-34	30	213	41.13	25.20	144.84	55.62	36.00	212.36	38.7
ACK-42	50	375	50.70	42.00	255.00	68.56	60.00	373.88	71.7