



ACK 4

ACK Series Check Valve

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
- Compatible with all A1 and A2L class refrigerants, as well as R-290 and R-744

Specifications

Maximum working pressure 680 psig (47 bar)
 Maximum working pressure (ACK-4 & -6 only) 800 psig (55 bar)
 Approvals UL/CUL File Number SA5312
 Canadian CRN OC21506.513467890YTN

Model number nomenclature - Example: ACK-4

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

ACK Series Check Valves

Connection size & type (in)	Nominal tons liquid & suction 40°F @ 1 psi, discharge 2 psi										Cv	Model number	Item number
	R22		R-404A / R-448A / R-449A			R-410A			R-450A / R-513A				
	Liquid	Suction	Liquid	Suction	Discharge	Liquid	Suction	Discharge	Liquid	Suction			
1/4 ODF	2.60	0.40	1.77	0.34	0.59	2.59	0.48	0.80	1.79	0.28	0.9	ACK 4	064985
3/8 ODF	3.10	0.60	2.11	0.50	1.20	3.09	0.72	1.63	2.14	0.42	1	ACK 6	064986
1/2 ODF	9.40	1.20	6.39	1.01	2.23	9.37	1.44	3.01	6.48	0.84	3.1	ACK 8	064987
5/8 ODF	13.00	1.40	8.84	1.18	2.67	12.96	1.68	3.61	8.96	0.98	3.6	ACK 10	064988
3/4 ODF	27.00	3.30	18.36	2.77	5.82	26.92	3.96	7.87	18.62	2.31	8	ACK 12	064989
7/8 ODF	29.00	3.70	19.72	3.11	6.71	28.91	4.44	9.08	20.00	2.59	9.2	ACK 14	064990
1-1/8 ODF	51.00	6.00	34.68	5.04	10.55	50.85	7.20	14.27	35.16	4.20	15.4	ACK 18	064991
1-3/8 ODF	79.00	9.50	53.72	7.98	17.73	78.76	11.4	23.98	54.47	6.65	23.8	ACK 22	064992
1-5/8 ODF	102.00	17.00	69.36	14.28	26.04	101.69	20.4	35.21	70.33	11.89	24.2	ACK 26	064993
2-1/8 ODF	213.00	30.00	144.84	25.20	41.13	212.36	36.00	55.62	146.86	20.99	38.7	ACK 34	064994
2-5/8 ODF	375.00	50.00	255.00	42.00	50.70	373.88	60.00	68.56	258.56	34.98	71.7	ACK 42	064995