



# Suction accumulators and ball valves

## Suction accumulators

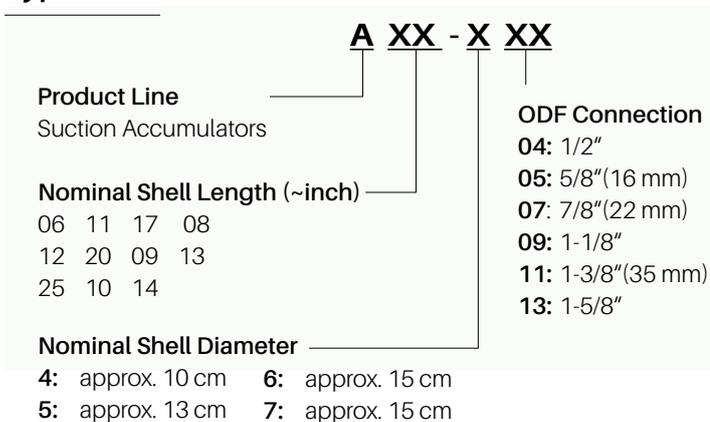
### Features

- Hermetic design
- ODF Copper fittings for easy brazing
- Corrosion-resistant epoxy powder coating
- Internal orifice with strainer for optimum oil return
- Temperature range TS: -45°C...+65°C
- Max. allowable pressure PS:  
20.7 bar (-10°C...+65°C)  
15.5 bar (-45°C...-10°C)
- **CE** marking for certain types according PED
- UL/CUL file number: SA 34115
- **UL** US LISTED pending



A08

### Type code





**Selection table**

Type	Part No.	Connection		Nominal Capacity (kW)																Conformity Assessment		Volume (l) *	
				R407C		R134a		R404A / R507		R450A		R513A		R448A / R449A		R410A		R1234ze		Category	Procedure		
		mm	Inch	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.				
A08-304	001973		1/2"	7.0	1.1	4.2	0.6	4.6	0.7	4.1	0.6	3.7	0.6	7.2	1.1	8.6	1.3	3.5	0.5	CE Marking Not Required Cat. I / Mod. A	0.73		
A10-305	001977	16	5/8"	10.5	1.6	6.0	0.9	7.0	1.1	5.8	0.9	5.2	0.8	10.8	1.6	12.9	1.9	5.0	0.8		0.93		
A06-405	001989	16	5/8"	10.5	1.6	6.0	0.9	7.0	1.1	5.8	0.9	5.2	0.8	10.8	1.6	12.9	1.9	5.0	0.8		0.93		
A12-305	001978	16	5/8"	10.5	1.6	6.0	0.9	7.0	1.1	5.8	0.9	5.2	0.8	10.8	1.6	12.9	1.9	5.0	0.8		1.16		
A12-306	001979		3/4"	14.0	2.1	8.1	1.2	9.1	1.4	7.8	1.2	7.1	1.1	14.4	2.2	17.1	2.6	6.7	1.0		1.16		
A14-305	001980	16	5/8"	10.5	1.6	6.0	0.9	7.0	1.1	5.8	0.9	5.2	0.8	10.8	1.6	12.9	1.9	5.0	0.8		1.40		
A14-306	001987		3/4"	14.0	2.1	8.1	1.2	9.1	1.4	7.8	1.2	7.1	1.1	14.4	2.2	17.1	2.6	6.7	1.0		1.40		
A10-405	001990	16	5/8"	10.5	1.6	6.0	0.9	7.0	1.1	5.8	0.9	5.2	0.8	10.8	1.6	12.9	1.9	5.0	0.8		1.75		
A10-406	001994		3/4"	14.0	2.1	8.1	1.2	9.1	1.4	7.8	1.2	7.1	1.1	14.4	2.2	17.1	2.6	6.7	1.0		1.75		
A09-506	881995		3/4"	14.0	2.1	8.1	1.2	9.1	1.4	7.8	1.2	7.1	1.1	14.4	2.2	17.1	2.6	6.7	1.0		Cat. I Mod. D1	2.33	
A09-507	882455	22	7/8"	25.6	3.8	14.0	2.1	16.1	2.4	13.6	2.0	12.3	1.8	26.3	3.9	31.3	4.7	11.7	1.8	2.33			
A12-506	881996		3/4"	14.0	2.1	8.1	1.2	9.1	1.4	7.8	1.2	7.1	1.1	14.4	2.2	17.1	2.6	6.7	1.0	3.29			
A12-507	881998	22	7/8"	25.6	3.8	14.0	2.1	16.1	2.4	13.6	2.0	12.3	1.8	26.3	3.9	31.3	4.7	11.7	1.8	3.29			
A13-507	882007	22	7/8"	25.6	3.8	14.0	2.1	16.1	2.4	13.6	2.0	12.3	1.8	26.3	3.9	31.3	4.7	11.7	1.8	3.80			
A13-509	882011		1-1/8"	41.4	6.2	25.3	3.8	26.7	4.0	24.5	3.7	22.2	3.3	42.5	6.4	50.6	7.6	21.0	3.2	3.80			
A17-509	882012		1-1/8"	41.4	6.2	25.3	3.8	26.7	4.0	24.5	3.7	22.3	3.3	42.5	6.4	50.6	7.6	21.0	3.2	4.87			
A17-511	882013	35	1-3/8"	66.0	9.9	37.6	5.6	42.8	6.4	36.4	5.5	33.3	5.0	67.6	10.1	80.6	12.1	31.3	4.7	4.87			
A11-607	882014	22	7/8"	25.6	3.8	14.0	2.1	16.1	2.4	13.6	2.0	12.3	1.8	26.3	3.9	31.3	4.7	11.7	1.8	4.30			
A13-607	882015	22	7/8"	25.6	3.8	14.0	2.1	16.1	2.4	13.6	2.0	12.3	1.8	26.3	3.9	31.3	4.7	11.7	1.8	4.98			
A13-609	882019		1-1/8"	41.4	6.2	25.3	3.8	26.7	4.0	24.5	3.7	22.2	3.3	42.5	6.4	50.6	7.6	21.0	3.2	4.98			
A14-611	882020	35	1-3/8"	66.0	9.9	37.6	5.6	42.8	6.4	36.4	5.5	33.3	5.0	67.6	10.1	80.6	12.1	31.3	4.7	5.48			
A17-613	882022		1-5/8"	100.0	15.0	59.7	9.0	63.9	9.6	57.8	8.7	52.4	7.9	102.5	15.4	122.2	18.3	49.7	7.5	6.85			
A17-642	889023	42		100.0	15.0	59.7	9.0	63.9	9.6	57.8	8.7	52.4	7.9	102.5	15.4	122.2	18.3	49.7	7.5	6.85			
A20-613	882021		1-5/8"	100.0	15.0	59.7	9.0	63.9	9.6	57.8	8.7	52.4	7.9	102.5	15.4	122.2	18.3	49.7	7.5	8.21			
A25-613	882023		1-5/8"	100.0	15.0	59.7	9.0	63.9	9.6	57.8	8.7	52.4	7.9	102.5	15.4	122.2	18.3	49.7	7.5	Cat II		Mod. D1	10.23

Note 1: For selection of other operating conditions, please use Copeland Select software.

Note 2: \*) Functional volume

A2L

Type	Part No.	Connection		Nominal Capacity (kW)																Conformity Assessment		Volume (l)*
				R452B		R455A		R454A		R454B		R454C		R1234yf		R1234ze		R32		Category	Procedure	
		mm	Inch	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.			
A08-304-L	882453			5.1	0.8	7.9	1.2	7.2	1.1	5.4	0.8	8.2	1.2	3.6	0.5	3.5	0.5	11.0	1.7	CE Marking Not Required	0.73	
A10-305-L	882457	16	5/8"	7.7	1.2	11.8	1.8	10.8	1.6	8.0	1.2	12.4	1.9	5.1	0.8	5.0	0.8	16.5	2.5		0.93	
A06-405-L	882462	16	5/8"	7.7	1.2	11.8	1.8	10.8	1.6	8.0	1.2	12.4	1.9	5.1	0.8	5.0	0.8	16.5	2.5		0.93	
A12-305-L	882458	16	5/8"	7.7	1.2	11.8	1.8	10.8	1.6	8.0	1.2	12.4	1.9	5.1	0.8	5.0	0.8	16.5	2.5	Cat. I	Mod. A	1.16
A12-306-L	882459		3/4"	10.3	1.5	15.8	2.4	14.4	2.2	10.7	1.6	16.5	2.5	6.9	1.0	6.7	1.0	22.0	3.3			1.16
A14-305-L	882460	16	5/8"	7.7	1.2	11.8	1.8	10.8	1.6	8.0	1.2	12.4	1.9	5.1	0.8	5.0	0.8	16.5	2.5			1.40
A14-306-L	882461		3/4"	10.3	1.5	15.8	2.4	14.4	2.2	10.7	1.6	16.5	2.5	6.9	1.0	6.7	1.0	22.0	3.3			1.40
A10-405-L	882463	16	5/8"	7.7	1.2	11.8	1.8	10.8	1.6	8.0	1.2	12.4	1.9	5.1	0.8	5.0	0.8	16.5	2.2			1.75
A10-406-L	882464		3/4"	10.3	1.5	15.8	2.4	14.4	2.2	10.7	1.6	16.4	2.5	6.9	1.0	6.7	1.0	22.0	3.3			1.75
A09-506-L	881994		3/4"	10.3	1.5	15.8	2.4	14.4	2.2	10.7	1.6	16.4	2.5	6.9	1.0	6.7	1.0	22.0	3.3	Cat. II	Mod. D1	2.33
A09-507-L	882456	22	7/8"	18.8	2.8	28.8	4.3	26.2	3.9	19.5	2.9	30.1	4.5	12.1	1.8	11.7	1.8	40.2	6.0			2.33
A12-506-L	881997		3/4"	10.3	1.5	15.8	2.4	14.4	2.2	10.7	1.6	16.4	2.5	6.9	1.0	6.7	1.0	22.0	3.3			3.29
A12-507-L	881999	22	7/8"	18.8	2.8	28.8	4.3	26.2	3.9	19.5	2.9	30.1	4.5	12.1	1.8	11.7	1.8	40.2	6.0			3.29
A13-507-L	882000	22	7/8"	18.8	2.8	28.8	4.3	26.2	3.9	19.5	2.9	30.1	4.5	12.1	1.8	11.7	1.8	40.2	6.0			3.80
A13-509-L	882001		1-1/8"	30.3	4.5	46.6	7.0	42.4	6.4	31.6	4.7	48.7	7.3	21.7	3.3	21.0	3.2	64.9	9.7			3.80
A17-509-L	882002		1-1/8"	30.3	4.5	46.6	7.0	42.4	6.4	31.6	4.7	48.7	7.3	21.7	3.3	21.0	3.2	64.9	9.7			4.87
A17-511-L	882003	35	1-3/8"	48.3	7.2	74.2	11.1	67.5	10.1	50.3	7.5	77.5	11.6	32.3	4.8	31.3	4.7	103.4	15.5			4.87
A11-607-L	882004	22	7/8"	18.8	2.8	28.8	4.3	26.2	3.9	19.5	2.9	30.1	4.5	12.1	1.8	11.7	1.8	40.2	6.0			4.30
A13-607-L	882005	22	7/8"	18.8	2.8	28.8	4.3	26.2	3.9	19.5	2.9	30.1	4.5	12.1	1.8	11.7	1.8	40.2	6.0			4.98
A13-609-L	882006		1-1/8"	30.3	4.5	46.6	7.0	42.4	6.4	31.6	4.7	48.7	7.3	21.7	3.3	21.0	3.2	64.9	9.7			4.98
A14-611-L	882008	35	1-3/8"	48.3	7.2	74.2	11.1	67.5	10.1	50.3	7.5	77.5	11.6	32.3	4.8	31.3	4.7	103.4	15.5			5.48
A17-613-L	882009		1-5/8"	73.2	11.0	112.5	16.9	102.4	15.4	76.3	11.4	117.5	17.6	51.3	7.5	49.7	7.5	156.8	23.5			6.85
A17-642-L	882010	42		73.2	11.0	112.5	16.9	102.4	15.4	76.3	11.4	117.5	17.6	51.3	7.5	49.7	7.5	156.8	23.5			6.85
A20-613-L	882016		1-5/8"	73.2	11.0	112.5	16.9	102.4	15.4	76.3	11.4	117.5	17.6	51.3	7.5	49.7	7.5	156.8	23.5	8.21		
A25-613-L	882017			-	-	-	-	-	-	-	-	-	-	-	-	49.7	7.5	-	-	Cat II	Mod. D1	10.23