

Dry All®

Full Range of HVAC&R Line Products



File No. SA45127



SUCTION LINE ACCUMULATORS

Introduction

Accumulator is main components of heating, ventilation, and air conditioning (HVAC) systems to protect compressors and improve system performance. The main function is to prevent liquid refrigerant and excess oil from entering the compressor. In a suction line accumulator, a mixture of vapor and liquid refrigerant enters. The vapor refrigerant flows through to the compressor, while the liquid refrigerant is collected and held at the bottom of the accumulator. This prevents liquid refrigerant from reaching the compressor, protecting it from damage (like liquid slugging).

Key Features

Compressor Protection: Separates liquid refrigerant and vapor to prevent liquid refrigerant from entering the compressor and causing damage.

Pressure equalization: Pressure equalization at the accumulators' inlet and outlet, even during off-cycle periods.

Reducing noise: Minimal pressure drops, reducing noise on the low-pressure side of the system.

Stability in Operation: maintain stable operation under varying load conditions, ensuring consistent comfort levels.

Prevention of Liquid Slugging: Prevents liquid refrigerant from entering the compressor by separating liquid from vapor before it reaches the compressor.

Long-Term Cost Savings: Minimizes repair and maintenance costs by protecting the compressor and improving system efficiency.

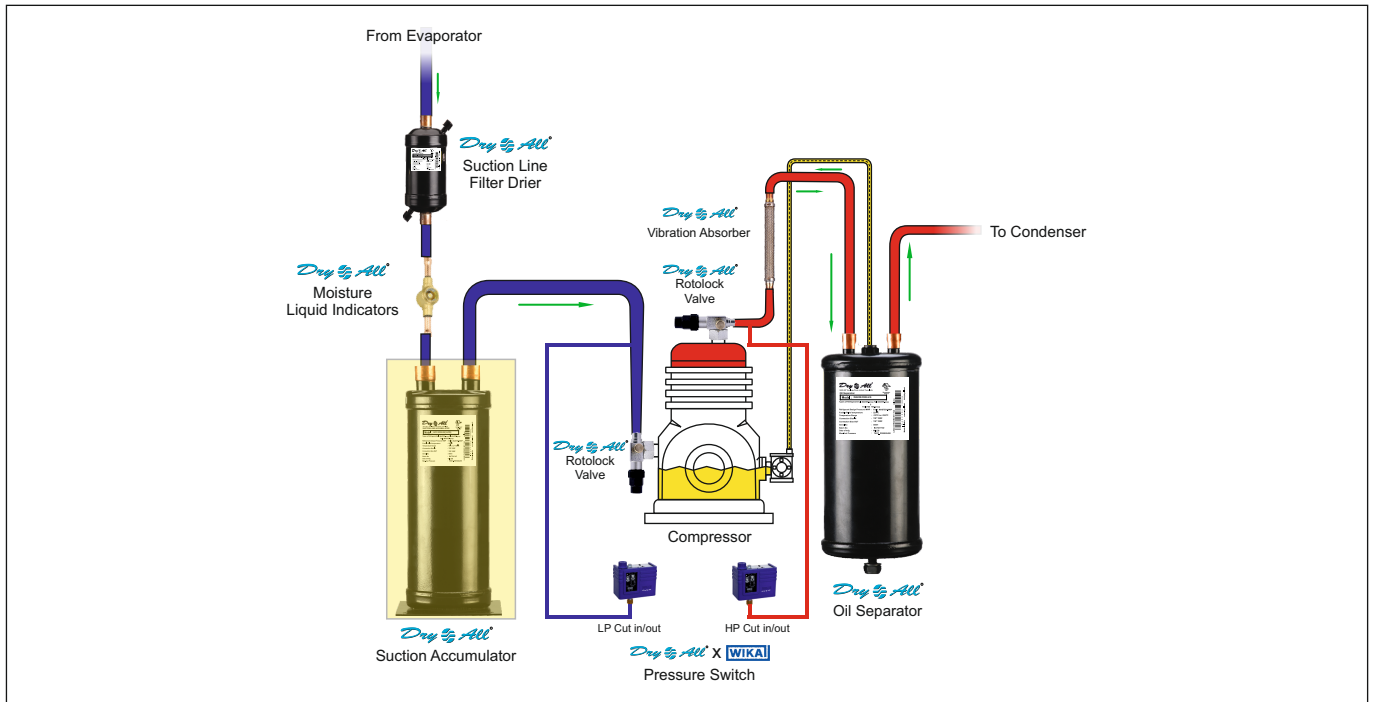
Application

Suction line accumulators are installed in air conditioning and refrigeration systems where a sudden surge of liquid down the suction line is possible. The product range is designed for use with HCFC, HFC and HFO refrigerants, along with their associated oils.

Areas of application includes,

1. Residential Air Conditioning Systems
2. Commercial Air Conditioning Systems
3. Industrial Refrigeration Systems
4. Heat Pumps
5. Process Chillers

Product installed in Refrigeration System



Working Principle

- An accumulator in HVAC&R systems managing the flow of refrigerant to ensure optimal system performance and reliability. It serves as a protective component that prevents compressor damage and supports stable system operation.
- When refrigerant exits the evaporator, it often contains a two-phase mixture—a combination of liquid and vapor. If this mixture were to enter the compressor directly, it could cause significant mechanical damage.
- The accumulator, strategically located between the evaporator and compressor, receives this refrigerant mixture. Inside, a U-tube structure facilitates the separation of liquid refrigerant from vapor through gravitational and phase differentiation.
- The denser liquid refrigerant settles at the bottom of the accumulator, while the lighter vapor phase rises and exits through the discharge outlet tube directed toward the compressor. This ensures that only superheated vapor reaches the compressor, effectively preventing a condition known as liquid slugging, which can result in compressor failure.
- In addition to phase separation, the accumulator functions as a temporary reservoir, storing excess refrigerant during varying load conditions. It also helps regulate refrigerant flow, contributing to system pressure and temperature stability.

Technical Specifications

- Maximum working pressure 31 Bar (450 Psig.)
- Maximum working pressure 25 Bar for few models.
- Fusible plug available on specific model
- Allowable operating temperature = -40°C To +70°C

Certificate/Compliances

- UL listed File no. SA45127 [UL 207]
- RoHS Compliance [ROHS-3.0 2015/863/EU Directive]
- REACH Compliance [EC 1907/2006]
- CE Marking- SEP (A4P3)/CAT1/CAT2

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IMAGES & DRAWINGS

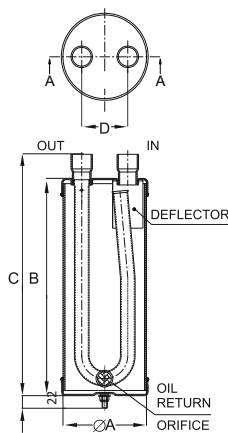


Mounting Stud

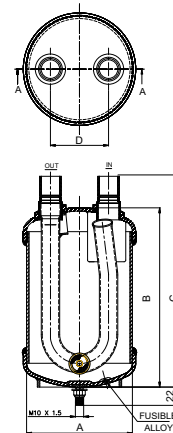


Mounting Flange

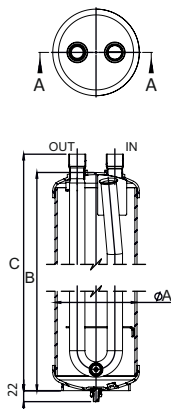
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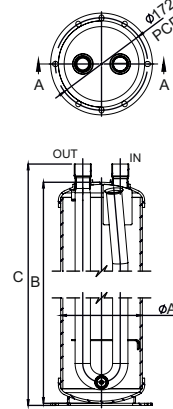
DRAWING - 1



DRAWING - 2



DRAWING - 3



DRAWING - 4

SUCTION LINE ACCUMULATORS

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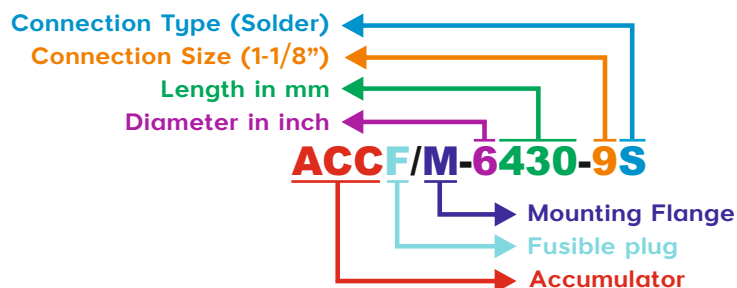
Dimensional Data



Sr No.	Model	Connection Sie (inch)	Dimesions									Mounting Options	Refer Drawing No	
			ØA		B		C		D		E			
			mm	inch	mm	inch	mm	inch	mm	inch	mm			
SERIES - Ø3"														
1	ACC-3185-4S	1/2" ODF	76.2	3	185	7.28	223	8.78	41	1.65	N/A	M8 X 1.25PITCH	1	
2	ACC-3239-5S	5/8" ODF			239	9.41	277	10.91				M8 X 1.25PITCH		
3	ACC-3349-6S	3/4" ODF			349	13.74	387	15.24				M8 X 1.25PITCH		
4	ACC-3370-4S	1/2" ODF			370	14.57	408	16.06				M8 X 1.25PITCH		
SERIES - Ø4"														
5	ACCF-4254-4S	1/2" ODF	101.6	4	254	10	290	11.41	48	1.89	N/A	M10 X 1.5 PITCH	1	
6	ACCF-4254-5S	5/8" ODF										M10 X 1.5 PITCH		
SERIES - Ø5"														
7	ACCF-5216-6S	3/4" ODF	127	5	216	8.51	252.0	9.92	70	2.76	N/A	M10 X 1.5 PITCH	2	
8	ACCF-5216-7S	7/8" ODF			216	8.51	253.5	9.98				M10 X 1.5 PITCH		
9	ACCF-5330-7S	7/8" ODF			330	12.99	367.5	14.46				M10 X 1.5 PITCH		
10	ACCF-5330-9S	1-1/8" ODF			330	12.99	367.5	14.46				M10 X 1.5 PITCH		
11	ACCF-5430-9S	1-1/8" ODF			430	16.93	467.5	18.41				M10 X 1.5 PITCH		
12	ACCF-5430-11S	1-3/8" ODF			430	16.93	474.5	18.68				M10 X 1.5 PITCH		
SERIES - Ø6"														
13	ACCF-6330-7S	7/8" ODF	152.4	6	330	12.99	366.5	14.43	70	2.76	N/A	M10 X 1.5 PITCH	3	
14	ACCF-6330-9S	1-1/8" ODF			330	12.99	366.5	14.43				M10 X 1.5 PITCH		
15	ACCF-6430-7S	7/8" ODF			430	16.93	466.5	18.36				M10 X 1.5 PITCH		
16	ACCF-6430-9S	1"- 1/8 ODF			430	16.93	466.5	18.36				M10 X 1.5 PITCH		
17	ACCF-6430-11S	1-3/8" ODF			430	16.93	473.5	18.64				M10 X 1.5 PITCH		
18	ACCF-6430-13S	1"-5/8 ODF			430	16.93	489	19.25				M10 X 1.5 PITCH		
19	ACCM-6508-13S	1"-5/8 ODF			508	20	567	22.32			172	Round flange		4
20	ACCM-6635-13S	1"-5/8 ODF			635	25	694	27.32						

- 1) The refrigerant holding capacity of Dry All Accumulator is based on average condition of more than 50% fill under running condition.
- 2) When selecting or sizing an Accumulator connections may not necessarily match the suction line size.
- 3) Maximum working pressure - 31.03 Bar (450psig) approx.
- 4) Temperature range: -40°C To +80°C.
- 5) Fusible plug on 4",5", and 6" models.

Nomenclature



SUCTION LINE ACCUMULATORS



Functional Data

UL Listed



Accumulator Rating							
SERIES - Ø3"		Evaporator temperature		R22	R410A	R404	R134a
Sr No.	Model	°F	°C	Kw	Kw	Kw	Kw
1	ACC-3185-4S	40	4.4	10.94	13.59	8.84	7.87
		30	-1.1	9.77	12.63	8.00	7.08
		20	-6.7	8.73	11.51	7.02	6.22
		10	-12	7.76	10.30	6.21	5.54
		0	-18	6.86	9.14	5.47	4.77
		-10	-23	6.03	8.25	4.79	4.20
		-20	-29	5.29	7.25	4.16	3.59
		-30	-34	4.60	6.47	3.60	3.12
		-40	-40	3.98	5.61	3.09	2.62
2	ACC-3239-5S	40	4.4	17.10	21.25	13.82	12.31
		30	-1.1	15.28	19.75	12.50	11.06
		20	-6.7	13.65	17.99	10.97	9.73
		10	-12	12.13	16.10	9.71	8.67
		0	-18	10.73	14.30	8.55	7.46
		-10	-23	9.42	12.89	7.49	6.57
		-20	-29	8.27	11.33	6.51	5.61
		-30	-34	7.20	10.12	5.63	4.88
		-40	-40	6.23	8.78	4.82	4.10
3	ACC-3349-6S	40	4.4	24.71	30.71	19.97	17.79
		30	-1.1	22.08	28.54	18.07	15.99
		20	-6.7	19.72	26.01	15.86	14.06
		10	-12	17.54	23.26	14.04	12.53
		0	-18	15.51	20.66	12.36	10.78
		-10	-23	13.62	18.63	10.82	9.50
		-20	-29	11.96	16.37	9.41	8.11
		-30	-34	10.40	14.62	8.13	7.06
		-40	-40	9.00	12.69	6.97	5.92
4	ACC-3370-4S	40	4.4	10.93	13.59	8.84	7.87
		30	-1.1	9.76	12.63	8.00	7.08
		20	-6.7	8.72	11.51	7.02	6.22
		10	-12	7.75	10.30	6.21	5.54
		0	-18	6.86	9.14	5.47	4.77
		-10	-23	6.02	8.25	4.79	4.20
		-20	-29	5.29	7.25	4.16	3.59
		-30	-34	4.60	6.47	3.60	3.12
		-40	-40	3.98	5.61	3.09	2.62

Note: Recommended refrigerant capacity is based on standard rating conditions: 38°C condensing temperature, 5.5°C superheat, and 0°C subcooling.

SUCTION LINE ACCUMULATORS



Functional Data

UL Listed



Accumulator Rating							
SERIES – Ø4"		Evaporator temperature		R22	R410A	R404	R134a
Sr No.	Model	°F	°C	Kw	Kw	Kw	Kw
5	ACCF-4254-4S	40	4.4	10.93	13.59	8.84	7.87
		30	-1.1	9.76	12.63	8.00	7.08
		20	-6.7	8.72	11.51	7.02	6.22
		10	-12	7.75	10.30	6.21	5.54
		0	-18	6.86	9.14	5.47	4.77
		-10	-23	6.02	8.25	4.79	4.20
		-20	-29	5.29	7.25	4.16	3.59
		-30	-34	4.60	6.47	3.60	3.12
		-40	-40	3.98	5.61	3.09	2.62
6	ACCF-4254-5S	40	4.4	17.10	21.25	13.82	12.31
		30	-1.1	15.28	19.75	12.50	11.06
		20	-6.7	13.65	17.99	10.97	9.73
		10	-12	12.13	16.10	9.71	8.67
		0	-18	10.73	14.30	8.55	7.46
		-10	-23	9.42	12.89	7.49	6.57
		-20	-29	8.27	11.33	6.51	5.61
		-30	-34	7.20	10.12	5.63	4.88
		-40	-40	6.23	8.78	4.82	4.10
SERIES – Ø5"							
7	ACCF-5216-6S	40	4.4	24.60	30.57	19.88	17.71
		30	-1.1	21.98	28.41	17.98	15.92
		20	-6.7	19.63	25.89	15.79	14.00
		10	-12	17.45	23.15	13.97	12.47
		0	-18	15.44	20.57	12.30	10.73
		-10	-23	13.55	18.55	10.77	9.46
		-20	-29	11.90	16.30	9.37	8.07
		-30	-34	10.36	14.55	8.09	7.02
		-40	-40	8.96	12.63	6.94	5.90
8	ACCF-5216-7S	40	4.4	33.50	41.63	27.07	24.12
		30	-1.1	29.93	38.69	24.49	21.68
		20	-6.7	26.73	35.25	21.50	19.06
		10	-12	23.77	31.53	19.03	16.98
		0	-18	21.02	28.01	16.75	14.62
		-10	-23	18.46	25.26	14.67	12.88
		-20	-29	16.21	22.19	12.76	10.99
		-30	-34	14.10	19.82	11.02	9.57
		-40	-40	12.20	17.20	9.45	8.03

Note: Recommended refrigerant capacity is based on standard rating conditions: 38°C condensing temperature, 5.5°C superheat, and 0°C subcooling.

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Accumulator Rating							
SERIES – Ø5"		Evaporator temperature		R22	R410A	R404	R134a
Sr No.	Model	°F	°C	Kw	Kw	Kw	Kw
9	ACCF-5330-7S	40	4.4	33.50	41.63	27.07	24.12
		30	-1.1	29.93	38.69	24.49	21.68
		20	-6.7	26.73	35.25	21.50	19.06
		10	-12	23.77	31.53	19.03	16.98
		0	-18	21.02	28.01	16.75	14.62
		-10	-23	18.46	25.26	14.67	12.88
		-20	-29	16.21	22.19	12.76	10.99
		-30	-34	14.10	19.82	11.02	9.57
		-40	-40	12.20	17.20	9.45	8.03
10	ACCF-5330-9S	40	4.4	55.41	68.87	44.78	39.90
		30	-1.1	49.52	64.01	40.51	35.86
		20	-6.7	44.23	58.32	35.57	31.53
		10	-12	39.32	52.17	31.48	28.09
		0	-18	34.78	46.33	27.72	24.18
		-10	-23	30.54	41.78	24.26	21.30
		-20	-29	26.81	36.71	21.10	18.18
		-30	-34	23.33	32.79	18.23	15.82
		-40	-40	20.19	28.45	15.64	13.28
11	ACCF-5430-9S	40	4.4	55.41	68.87	44.78	39.90
		30	-1.1	49.52	64.01	40.51	35.86
		20	-6.7	44.23	58.32	35.57	31.53
		10	-12	39.32	52.17	31.48	28.09
		0	-18	34.78	46.33	27.72	24.18
		-10	-23	30.54	41.78	24.26	21.30
		-20	-29	26.81	36.71	21.10	18.18
		-30	-34	23.33	32.79	18.23	15.82
		-40	-40	20.19	28.45	15.64	13.28
12	ACCF-5430-11S	40	4.4	82.91	103.04	67.01	59.70
		30	-1.1	74.09	95.76	60.62	53.65
		20	-6.7	66.17	87.26	53.22	47.18
		10	-12	58.84	78.05	47.10	42.02
		0	-18	52.03	69.32	41.47	36.17
		-10	-23	45.69	62.52	36.30	31.87
		-20	-29	40.12	54.93	31.57	27.20
		-30	-34	34.90	49.06	27.28	23.68
		-40	-40	30.20	42.57	23.40	19.87

Note: Recommended refrigerant capacity is based on standard rating conditions: 38°C condensing temperature, 5.5°C superheat, and 0°C subcooling.

SUCTION LINE ACCUMULATORS



Functional Data

UL Listed



Accumulator Rating							
SERIES - Ø6"		Evaporator temperature		R22	R410A	R404	R134a
Sr No.	Model	°F	°C	Kw	Kw	Kw	Kw
13	ACCF-6330-7S	40	4.4	33.49	41.62	27.06	24.11
		30	-1.1	29.92	38.68	24.48	21.67
		20	-6.7	26.73	35.24	21.49	19.05
		10	-12	23.76	31.52	19.02	16.97
		0	-18	21.02	28.00	16.75	14.61
		-10	-23	18.45	25.25	14.66	12.87
		-20	-29	16.20	22.19	12.75	10.99
		-30	-34	14.10	19.81	11.02	9.56
		-40	-40	12.20	17.19	9.45	8.03
14	ACCF-6330-9S	40	4.4	55.38	68.82	44.75	39.87
		30	-1.1	49.48	63.96	40.49	35.84
		20	-6.7	44.20	58.28	35.55	31.51
		10	-12	39.30	52.13	31.46	28.07
		0	-18	34.75	46.30	27.70	24.16
		-10	-23	30.52	41.76	24.25	21.29
		-20	-29	26.80	36.69	21.09	18.17
		-30	-34	23.31	32.77	18.22	15.81
		-40	-40	20.17	28.43	15.63	13.27
15	ACCF-6430-7S	40	4.4	33.49	41.62	27.06	24.11
		30	-1.1	29.92	38.68	24.48	21.67
		20	-6.7	26.73	35.24	21.49	19.05
		10	-12	23.76	31.52	19.02	16.97
		0	-18	21.02	28.00	16.75	14.61
		-10	-23	18.45	25.25	14.66	12.87
		-20	-29	16.20	22.19	12.75	10.99
		-30	-34	14.10	19.81	11.02	9.56
		-40	-40	12.20	17.19	9.45	8.03
16	ACCF-6430-9S	40	4.4	55.38	68.82	44.75	39.87
		30	-1.1	49.48	63.96	40.49	35.84
		20	-6.7	44.20	58.28	35.55	31.51
		10	-12	39.30	52.13	31.46	28.07
		0	-18	34.75	46.30	27.70	24.16
		-10	-23	30.52	41.76	24.25	21.29
		-20	-29	26.80	36.69	21.09	18.17
		-30	-34	23.31	32.77	18.22	15.81
		-40	-40	20.17	28.43	15.63	13.27

Note: Recommended refrigerant capacity is based on standard rating conditions: 38°C condensing temperature, 5.5°C superheat, and 0°C subcooling.

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17	ACCF-6430-11S	40	4.4	82.79	102.89	66.91	59.61
		30	-1.1	73.98	95.62	60.53	53.57
		20	-6.7	66.07	87.13	53.14	47.11
		10	-12	58.75	77.93	47.03	41.96
		0	-18	51.96	69.22	41.41	36.12
		-10	-23	45.62	62.42	36.25	31.82
		-20	-29	40.06	54.85	31.53	27.16
		-30	-34	34.85	48.98	27.24	23.64
		-40	-40	30.16	42.50	23.36	19.84
18	ACCF-6430-13S	40	4.4	115.78	143.90	93.57	83.37
		30	-1.1	103.46	133.73	84.65	74.93
		20	-6.7	92.41	121.85	74.32	65.88
		10	-12	82.16	109.00	65.78	58.68
		0	-18	72.66	96.81	57.91	50.52
		-10	-23	63.80	87.30	50.69	44.51
		-20	-29	56.03	76.70	44.09	37.98
		-30	-34	48.74	68.51	38.09	33.06
		-40	-40	42.17	59.44	32.67	27.75
19	ACCF-6430-13S	40	4.4	115.78	143.90	93.57	83.37
		30	-1.1	103.46	133.73	84.65	74.93
		20	-6.7	92.41	121.85	74.32	65.88
		10	-12	82.16	109.00	65.78	58.68
		0	-18	72.66	96.81	57.91	50.52
		-10	-23	63.80	87.30	50.69	44.51
		-20	-29	56.03	76.70	44.09	37.98
		-30	-34	48.74	68.51	38.09	33.06
		-40	-40	42.17	59.44	32.67	27.75
20	ACCF-6430-13S	40	4.4	115.78	143.90	93.57	83.37
		30	-1.1	103.46	133.73	84.65	74.93
		20	-6.7	92.41	121.85	74.32	65.88
		10	-12	82.16	109.00	65.78	58.68
		0	-18	72.66	96.81	57.91	50.52
		-10	-23	63.80	87.30	50.69	44.51
		-20	-29	56.03	76.70	44.09	37.98
		-30	-34	48.74	68.51	38.09	33.06
		-40	-40	42.17	59.44	32.67	27.75

Note: Recommended refrigerant capacity is based on standard rating conditions: 38°C condensing temperature, 5.5°C superheat, and 0°C subcooling.

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Full Range of HVAC&R Line Products

IMAGES & DRAWINGS

Non UL
Listed Models

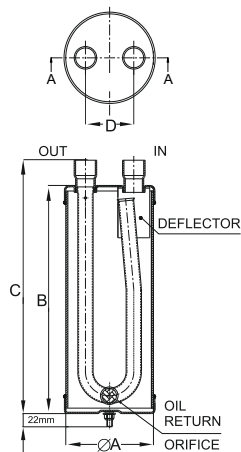


Mounting Stud

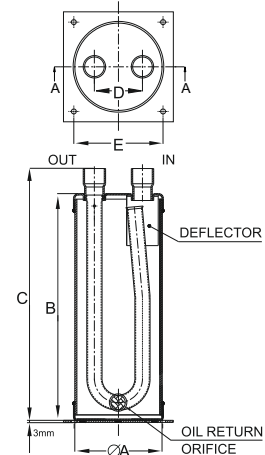


Mounting Flange

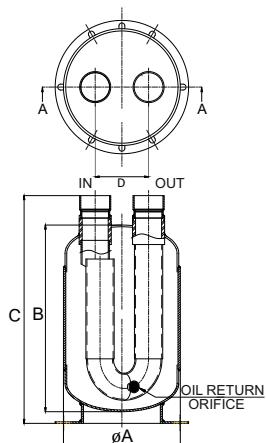
DIMENSIONAL DATA



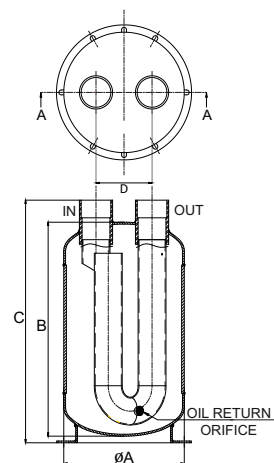
DRAWING - 1



DRAWING - 2



DRAWING - 3



DRAWING - 4

SUCTION LINE ACCUMULATORS

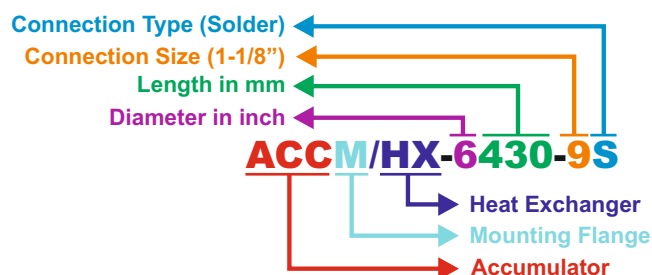
Dimensional Data

Non UL Listed Models

Sr. No.	Model	Holding Capacity at R-22		Approx Max. Ton. R22 AT + 40°F (Evaporating Temp)	Connection Size (inch)	Dimensions										Mounting Flange Options	Refer Drawing No.				
		LBS	KG			ØA		B		C		D		E							
						mm	inch	mm	inch	mm	inch	mm	inch	mm	inch						
SERIES - Ø3"																					
1	ACC-3150-3S*		0.50	0.5	3/8" ODF	76.2	3	150	5.91	187	7.36	40	1.57	122.5	4.82	Mounting Flange	1				
2	ACC-3185-4S*	1.6	0.74	1.02	1/2" ODF			185	7.28	223	8.78	41	1.65	NA	NA	M8 X 1.25PITCH					
3	ACC-3239-5S*	2.18	0.99	2.28	5/8" ODF			239	9.41	277	10.91										
4	ACC-3349-6S*	3.05	1.38	3.43	3/4" ODF			349	13.74	387	15.24										
5	ACC-3370-4S*	3.27	1.48	0.04	1/2" ODF			370	14.57	408	16.06										
SERIES - Ø4"																					
6	ACC-4254-4S*	3.84	1.74	1.02	1/2" ODF	101.6	4	254	10	290	11.41	48	1.89	NA	NA	M10 X 1.5 PITCH	1				
7	ACC-4254-5S*			2.28	5/8" ODF																
SERIES - Ø5"																					
8	ACC-5216-6S*	5.45	2.46	3.43	3/4" ODF	127	5	216	8.51	252	9.92	70	2.76	NA	NA	M10 X 1.5 PITCH	1				
9	ACC-5216-7S*			4.57	7/8" ODF					253.5	9.98			130	5.12	Mounting Flange	2				
10	ACCM-5216-7S*	8.17	3.70		7/8" ODF					253.5	9.98			NA	NA	M10 X 1.5 PITCH	1				
11	ACC-5330-7S*			10.30	1-1/8" ODF			330	12.99	367.5	14.46			130	5.12	Mounting Flange	2				
12	ACCM-5330-7S*													NA	NA	M10 X 1.5 PITCH	1				
13	ACC-5330-9S*	10.90	4.94					430	16.93	467.5	18.41			130	5.12	Mounting Flange	2				
14	ACCM-5330-9S*													NA	NA	M10 X 1.5 PITCH	1				
15	ACC-5430-9S*			19.40	1-3/8" ODF			474.5	18.68	130	5.12			Mounting Flange	2						
16	ACCM-5430-9S*									NA	NA			M10 X 1.5 PITCH	1						
17	ACC-5430-11S*									NA	NA			M10 X 1.5 PITCH	1						
18	ACCM-5430-11S*																	130	5.12	Mounting Flange	2
SERIES - Ø6"																					
19	ACC-6330-7S*	11.99	5.43	4.57	7/8" ODF	152.4	6	330	12.99	366.5	14.43	70	2.76	NA	NA	M10 X 1.5 PITCH	1				
20	ACCM-6330-7S*			10.30	1-1/8" ODF									130	5.12	Mounting Flange	2				
21	ACC-6330-9S*													NA	NA	M10 X 1.5 PITCH	1				
22	ACCM-6330-9S*	15.80	7.17	4.57	7/8" ODF			430	16.93	466.5	18.36			130	5.12	Mounting Flange	2				
23	ACC-6430-7S*				NA									NA	M10 X 1.5 PITCH	1					
24	ACCM-6430-7S*			10.30	1"- 1/8 ODF					430	16.93			466.5	18.36	130	5.12	Mounting Flange	2		
25	ACC-6430-9S															1"- 1/8 ODF	NA	NA	M10 X 1.5 PITCH	1	
26	ACCM-6430-9S															130	5.12	Mounting Flange	2		
27	ACC-6430-11S*	19.40	1-3/8" ODF	430	16.93			473.5	18.64	130	5.12			Mounting Flange	2						
28	ACCM-6430-11S*									NA	NA			M10 X 1.5 PITCH	1						
29	ACC-6430-13S									32.04	1"-5/8 ODF			489	19.25	130	5.12	Mounting Flange	2		
30	ACCM-6430-13S															130	5.12	Mounting Flange	2		
SERIES - Ø8"																					
31	ACCM-8350-17S	24.2	11		*2-1/8" ODF	219	8	350	13.8	427	16.8	100	3.9	-	-	Mounting Flange	3				
SERIES - Ø10"																					
32	ACCM-105485-21S	51.6	23.4		*2-5/8" ODF	273	10	485	19	550	21.7	127	5	-	-	Mounting Flange	4				

1. Mounting flange shown as 'M' in model number, with 4 Holes Of Ø7mm available on customer request as shown in Drawing - 3.
2. In the **Connection Size** column, [*] indicates that the connections are made of steel.
3. In the **Model** column, [*] denotes that the model has a maximum working pressure of 25 bar.

Nomenclature



SUCTION LINE ACCUMULATORS



Functional Data

Non UL Listed

Accumulator Rating							
SERIES - Ø3"		Evaporator temperature		R22	R410A	R404	R134a
Sr No.	Model	°F	°C	Kw	Kw	Kw	Kw
1	ACC-3150-3S	40	4.4	6.09	6.98	3.56	4.54
		30	-1.1	5.57	6.63	3.27	4.13
		20	-6.7	5.07	6.19	2.94	3.65
		10	-12	4.55	5.69	2.66	3.24
		0	-18	4.02	5.16	2.33	2.73
		-10	-23	3.48	4.71	2.07	2.32
		-20	-29	2.95	4.16	1.76	1.84
		-30	-34	2.41	3.70	1.49	1.43
		-40	-40	1.86	3.13	1.36	0.94
2	ACC-3185-4S	40	4.4	10.84	12.40	6.34	8.07
		30	-1.1	9.91	11.78	5.82	7.34
		20	-6.7	9.01	11.01	5.22	6.50
		10	-12	8.09	10.11	4.73	5.76
		0	-18	7.15	9.18	4.15	4.86
		-10	-23	6.19	8.38	3.68	4.13
		-20	-29	5.25	7.40	3.12	3.26
		-30	-34	4.28	6.57	2.65	2.54
		-40	-40	3.30	5.56	2.42	1.68
3	ACC-3239-5S	40	4.4	17.10	21.25	13.82	12.31
		30	-1.1	15.28	19.75	12.50	11.06
		20	-6.7	13.65	17.99	10.97	9.73
		10	-12	12.13	16.10	9.71	8.67
		0	-18	10.73	14.30	8.55	7.46
		-10	-23	9.42	12.89	7.49	6.57
		-20	-29	8.27	11.33	6.51	5.61
		-30	-34	7.20	10.12	5.63	4.88
		-40	-40	6.23	8.78	4.82	4.10
4	ACC-3349-6S	40	4.4	24.71	30.71	19.97	17.79
		30	-1.1	22.08	28.54	18.07	15.99
		20	-6.7	19.72	26.01	15.86	14.06
		10	-12	17.54	23.26	14.04	12.53
		0	-18	15.51	20.66	12.36	10.78
		-10	-23	13.62	18.63	10.82	9.50
		-20	-29	11.96	16.37	9.41	8.11
		-30	-34	10.40	14.62	8.13	7.06
		-40	-40	9.00	12.69	6.97	5.92

Note: Recommended refrigerant capacity is based on standard rating conditions: 38°C condensing temperature, 5.5°C superheat, and 0°C subcooling.

SUCTION LINE ACCUMULATORS



Functional Data

Non UL Listed

5	ACC-3370-4S	40	4.4	10.93	13.59	8.84	7.87
		30	-1.1	9.76	12.63	8.00	7.08
		20	-6.7	8.72	11.51	7.02	6.22
		10	-12	7.75	10.30	6.21	5.54
		0	-18	6.86	9.14	5.47	4.77
		-10	-23	6.02	8.25	4.79	4.20
		-20	-29	5.29	7.25	4.16	3.59
		-30	-34	4.60	6.47	3.60	3.12
		-40	-40	3.98	5.61	3.09	2.62
SERIES – Ø4"							
6	ACC-4254-4S	40	4.4	10.93	13.59	8.84	7.87
		30	-1.1	9.76	12.63	8.00	7.08
		20	-6.7	8.72	11.51	7.02	6.22
		10	-12	7.75	10.30	6.21	5.54
		0	-18	6.86	9.14	5.47	4.77
		-10	-23	6.02	8.25	4.79	4.20
		-20	-29	5.29	7.25	4.16	3.59
		-30	-34	4.60	6.47	3.60	3.12
		-40	-40	3.98	5.61	3.09	2.62
7	ACC-4254-5S	40	4.4	17.10	21.25	13.82	12.31
		30	-1.1	15.28	19.75	12.50	11.06
		20	-6.7	13.65	17.99	10.97	9.73
		10	-12	12.13	16.10	9.71	8.67
		0	-18	10.73	14.30	8.55	7.46
		-10	-23	9.42	12.89	7.49	6.57
		-20	-29	8.27	11.33	6.51	5.61
		-30	-34	7.20	10.12	5.63	4.88
		-40	-40	6.23	8.78	4.82	4.10
SERIES – Ø5"							
8	ACC-5216-6S	40	4.4	24.60	30.57	19.88	17.71
		30	-1.1	21.98	28.41	17.98	15.92
		20	-6.7	19.63	25.89	15.79	14.00
		10	-12	17.45	23.15	13.97	12.47
		0	-18	15.44	20.57	12.30	10.73
		-10	-23	13.55	18.55	10.77	9.46
		-20	-29	11.90	16.30	9.37	8.07
		-30	-34	10.36	14.55	8.09	7.02
		-40	-40	8.96	12.63	6.94	5.90

Note: Recommended refrigerant capacity is based on standard rating conditions: 38°C condensing temperature, 5.5°C superheat, and 0°C subcooling.

SUCTION LINE ACCUMULATORS



Functional Data

Non UL Listed

9	ACC-5216-7S	40	4.4	33.50	41.63	27.07	24.12
		30	-1.1	29.93	38.69	24.49	21.68
		20	-6.7	26.73	35.25	21.50	19.06
		10	-12	23.77	31.53	19.03	16.98
		0	-18	21.02	28.01	16.75	14.62
		-10	-23	18.46	25.26	14.67	12.88
		-20	-29	16.21	22.19	12.76	10.99
		-30	-34	14.10	19.82	11.02	9.57
		-40	-40	12.20	17.20	9.45	8.03
10	ACCM-5216-7S	40	4.4	33.50	41.63	27.07	24.12
		30	-1.1	29.93	38.69	24.49	21.68
		20	-6.7	26.73	35.25	21.50	19.06
		10	-12	23.77	31.53	19.03	16.98
		0	-18	21.02	28.01	16.75	14.62
		-10	-23	18.46	25.26	14.67	12.88
		-20	-29	16.21	22.19	12.76	10.99
		-30	-34	14.10	19.82	11.02	9.57
		-40	-40	12.20	17.20	9.45	8.03
11	ACC-5330-7S	40	4.4	33.50	41.63	27.07	24.12
		30	-1.1	29.93	38.69	24.49	21.68
		20	-6.7	26.73	35.25	21.50	19.06
		10	-12	23.77	31.53	19.03	16.98
		0	-18	21.02	28.01	16.75	14.62
		-10	-23	18.46	25.26	14.67	12.88
		-20	-29	16.21	22.19	12.76	10.99
		-30	-34	14.10	19.82	11.02	9.57
		-40	-40	12.20	17.20	9.45	8.03
12	ACCM-5330-7S	40	4.4	33.50	41.63	27.07	24.12
		30	-1.1	29.93	38.69	24.49	21.68
		20	-6.7	26.73	35.25	21.50	19.06
		10	-12	23.77	31.53	19.03	16.98
		0	-18	21.02	28.01	16.75	14.62
		-10	-23	18.46	25.26	14.67	12.88
		-20	-29	16.21	22.19	12.76	10.99
		-30	-34	14.10	19.82	11.02	9.57
		-40	-40	12.20	17.20	9.45	8.03

Note: Recommended refrigerant capacity is based on standard rating conditions: 38°C condensing temperature, 5.5°C superheat, and 0°C subcooling.

SUCTION LINE ACCUMULATORS



Functional Data

Non UL Listed

13	ACC-5330-9S	40	4.4	55.41	68.87	44.78	39.90
		30	-1.1	49.52	64.01	40.51	35.86
		20	-6.7	44.23	58.32	35.57	31.53
		10	-12	39.32	52.17	31.48	28.09
		0	-18	34.78	46.33	27.72	24.18
		-10	-23	30.54	41.78	24.26	21.30
		-20	-29	26.81	36.71	21.10	18.18
		-30	-34	23.33	32.79	18.23	15.82
		-40	-40	20.19	28.45	15.64	13.28
14	ACCM-5330-9S	40	4.4	55.41	68.87	44.78	39.90
		30	-1.1	49.52	64.01	40.51	35.86
		20	-6.7	44.23	58.32	35.57	31.53
		10	-12	39.32	52.17	31.48	28.09
		0	-18	34.78	46.33	27.72	24.18
		-10	-23	30.54	41.78	24.26	21.30
		-20	-29	26.81	36.71	21.10	18.18
		-30	-34	23.33	32.79	18.23	15.82
		-40	-40	20.19	28.45	15.64	13.28
15	ACC-5430-9S	40	4.4	55.41	68.87	44.78	39.90
		30	-1.1	49.52	64.01	40.51	35.86
		20	-6.7	44.23	58.32	35.57	31.53
		10	-12	39.32	52.17	31.48	28.09
		0	-18	34.78	46.33	27.72	24.18
		-10	-23	30.54	41.78	24.26	21.30
		-20	-29	26.81	36.71	21.10	18.18
		-30	-34	23.33	32.79	18.23	15.82
		-40	-40	20.19	28.45	15.64	13.28
16	ACCM-5330-7S	40	4.4	55.41	68.87	44.78	39.90
		30	-1.1	49.52	64.01	40.51	35.86
		20	-6.7	44.23	58.32	35.57	31.53
		10	-12	39.32	52.17	31.48	28.09
		0	-18	34.78	46.33	27.72	24.18
		-10	-23	30.54	41.78	24.26	21.30
		-20	-29	26.81	36.71	21.10	18.18
		-30	-34	23.33	32.79	18.23	15.82
		-40	-40	20.19	28.45	15.64	13.28

Note: Recommended refrigerant capacity is based on standard rating conditions: 38°C condensing temperature, 5.5°C superheat, and 0°C subcooling.

SUCTION LINE ACCUMULATORS



Functional Data

Non UL Listed

17	ACC-5330-9S	40	4.4	82.91	103.04	67.01	59.70
		30	-1.1	74.09	95.76	60.62	53.65
		20	-6.7	66.17	87.26	53.22	47.18
		10	-12	58.84	78.05	47.10	42.02
		0	-18	52.03	69.32	41.47	36.17
		-10	-23	45.69	62.52	36.30	31.87
		-20	-29	40.12	54.93	31.57	27.20
		-30	-34	34.90	49.06	27.28	23.68
		-40	-40	30.20	42.57	23.40	19.87
18	ACCM-5330-9S	40	4.4	82.91	103.04	67.01	59.70
		30	-1.1	74.09	95.76	60.62	53.65
		20	-6.7	66.17	87.26	53.22	47.18
		10	-12	58.84	78.05	47.10	42.02
		0	-18	52.03	69.32	41.47	36.17
		-10	-23	45.69	62.52	36.30	31.87
		-20	-29	40.12	54.93	31.57	27.20
		-30	-34	34.90	49.06	27.28	23.68
		-40	-40	30.20	42.57	23.40	19.87
SERIES – Ø6"							
19	ACC-6330-7S	40	4.4	33.49	41.62	27.06	24.11
		30	-1.1	29.92	38.68	24.48	21.67
		20	-6.7	26.73	35.24	21.49	19.05
		10	-12	23.76	31.52	19.02	16.97
		0	-18	21.02	28.00	16.75	14.61
		-10	-23	18.45	25.25	14.66	12.87
		-20	-29	16.20	22.19	12.75	10.99
		-30	-34	14.10	19.81	11.02	9.56
		-40	-40	12.20	17.19	9.45	8.03
20	ACCM-6330-7S	40	4.4	33.49	41.62	27.06	24.11
		30	-1.1	29.92	38.68	24.48	21.67
		20	-6.7	26.73	35.24	21.49	19.05
		10	-12	23.76	31.52	19.02	16.97
		0	-18	21.02	28.00	16.75	14.61
		-10	-23	18.45	25.25	14.66	12.87
		-20	-29	16.20	22.19	12.75	10.99
		-30	-34	14.10	19.81	11.02	9.56
		-40	-40	12.20	17.19	9.45	8.03

Note: Recommended refrigerant capacity is based on standard rating conditions: 38°C condensing temperature, 5.5°C superheat, and 0°C subcooling.

SUCTION LINE ACCUMULATORS



Functional Data

Non UL Listed

21	ACC-6330-9S	40	4.4	55.38	68.82	44.75	39.87
		30	-1.1	49.48	63.96	40.49	35.84
		20	-6.7	44.20	58.28	35.55	31.51
		10	-12	39.30	52.13	31.46	28.07
		0	-18	34.75	46.30	27.70	24.16
		-10	-23	30.52	41.76	24.25	21.29
		-20	-29	26.80	36.69	21.09	18.17
		-30	-34	23.31	32.77	18.22	15.81
		-40	-40	20.17	28.43	15.63	13.27
22	ACCM-6330-9S	40	4.4	55.38	68.82	44.75	39.87
		30	-1.1	49.48	63.96	40.49	35.84
		20	-6.7	44.20	58.28	35.55	31.51
		10	-12	39.30	52.13	31.46	28.07
		0	-18	34.75	46.30	27.70	24.16
		-10	-23	30.52	41.76	24.25	21.29
		-20	-29	26.80	36.69	21.09	18.17
		-30	-34	23.31	32.77	18.22	15.81
		-40	-40	20.17	28.43	15.63	13.27
23	ACC-6430-7S	40	4.4	33.49	41.62	27.06	24.11
		30	-1.1	29.92	38.68	24.48	21.67
		20	-6.7	26.73	35.24	21.49	19.05
		10	-12	23.76	31.52	19.02	16.97
		0	-18	21.02	28.00	16.75	14.61
		-10	-23	18.45	25.25	14.66	12.87
		-20	-29	16.20	22.19	12.75	10.99
		-30	-34	14.10	19.81	11.02	9.56
		-40	-40	12.20	17.19	9.45	8.03
24	ACCM-6430-7S	40	4.4	33.49	41.62	27.06	24.11
		30	-1.1	29.92	38.68	24.48	21.67
		20	-6.7	26.73	35.24	21.49	19.05
		10	-12	23.76	31.52	19.02	16.97
		0	-18	21.02	28.00	16.75	14.61
		-10	-23	18.45	25.25	14.66	12.87
		-20	-29	16.20	22.19	12.75	10.99
		-30	-34	14.10	19.81	11.02	9.56
		-40	-40	12.20	17.19	9.45	8.03

Note: Recommended refrigerant capacity is based on standard rating conditions: 38°C condensing temperature, 5.5°C superheat, and 0°C subcooling.

SUCTION LINE ACCUMULATORS



Functional Data

Non UL Listed

25	ACC-6330-9S	40	4.4	55.38	68.82	44.75	39.87
		30	-1.1	49.48	63.96	40.49	35.84
		20	-6.7	44.20	58.28	35.55	31.51
		10	-12	39.30	52.13	31.46	28.07
		0	-18	34.75	46.30	27.70	24.16
		-10	-23	30.52	41.76	24.25	21.29
		-20	-29	26.80	36.69	21.09	18.17
		-30	-34	23.31	32.77	18.22	15.81
		-40	-40	20.17	28.43	15.63	13.27
26	ACCM-6330-9S	40	4.4	55.38	68.82	44.75	39.87
		30	-1.1	49.48	63.96	40.49	35.84
		20	-6.7	44.20	58.28	35.55	31.51
		10	-12	39.30	52.13	31.46	28.07
		0	-18	34.75	46.30	27.70	24.16
		-10	-23	30.52	41.76	24.25	21.29
		-20	-29	26.80	36.69	21.09	18.17
		-30	-34	23.31	32.77	18.22	15.81
		-40	-40	20.17	28.43	15.63	13.27
27	ACC-6430-7S	40	4.4	82.79	102.89	66.91	59.61
		30	-1.1	73.98	95.62	60.53	53.57
		20	-6.7	66.07	87.13	53.14	47.11
		10	-12	58.75	77.93	47.03	41.96
		0	-18	51.96	69.22	41.41	36.12
		-10	-23	45.62	62.42	36.25	31.82
		-20	-29	40.06	54.85	31.53	27.16
		-30	-34	34.85	48.98	27.24	23.64
		-40	-40	30.16	42.50	23.36	19.84
28	ACCM-6430-7S	40	4.4	82.79	102.89	66.91	59.61
		30	-1.1	73.98	95.62	60.53	53.57
		20	-6.7	66.07	87.13	53.14	47.11
		10	-12	58.75	77.93	47.03	41.96
		0	-18	51.96	69.22	41.41	36.12
		-10	-23	45.62	62.42	36.25	31.82
		-20	-29	40.06	54.85	31.53	27.16
		-30	-34	34.85	48.98	27.24	23.64
		-40	-40	30.16	42.50	23.36	19.84

Note: Recommended refrigerant capacity is based on standard rating conditions: 38°C condensing temperature, 5.5°C superheat, and 0°C subcooling.

SUCTION LINE ACCUMULATORS



Functional Data

Non UL Listed

29	ACC-6330-9S	40	4.4	115.78	143.90	93.57	83.37
		30	-1.1	103.46	133.73	84.65	74.93
		20	-6.7	92.41	121.85	74.32	65.88
		10	-12	82.16	109.00	65.78	58.68
		0	-18	72.66	96.81	57.91	50.52
		-10	-23	63.80	87.30	50.69	44.51
		-20	-29	56.03	76.70	44.09	37.98
		-30	-34	48.74	68.51	38.09	33.06
		-40	-40	42.17	59.44	32.67	27.75
30	ACCM-6330-9S	40	4.4	115.78	143.90	93.57	83.37
		30	-1.1	103.46	133.73	84.65	74.93
		20	-6.7	92.41	121.85	74.32	65.88
		10	-12	82.16	109.00	65.78	58.68
		0	-18	72.66	96.81	57.91	50.52
		-10	-23	63.80	87.30	50.69	44.51
		-20	-29	56.03	76.70	44.09	37.98
		-30	-34	48.74	68.51	38.09	33.06
		-40	-40	42.17	59.44	32.67	27.75
SERIES – Ø8"							
31	ACCM-8350-17S	40	4.4	219.56	249.74	127.58	164.63
		30	-1.1	201.59	237.66	117.49	150.35
		20	-6.7	184.06	222.67	105.66	133.85
		10	-12	166.22	205.30	96.00	119.55
		0	-18	148.03	187.08	84.60	101.90
		-10	-23	129.34	171.55	75.30	87.68
		-20	-29	111.13	152.58	64.45	70.71
		-30	-34	92.28	136.47	55.09	56.60
		-40	-40	73.27	116.82	50.60	39.70
SERIES – Ø10"							
32	ACCM-105485-21S	40	4.4	197.95	342.59	175.03	222.98
		30	-1.1	176.89	325.41	160.82	202.77
		20	-6.7	157.99	304.09	144.17	179.37
		10	-12	140.47	279.34	130.57	159.13
		0	-18	124.23	253.42	114.56	134.22
		-10	-23	109.08	231.32	101.50	114.11
		-20	-29	95.79	204.36	86.28	90.12
		-30	-34	83.34	181.45	73.21	70.16
		-40	-40	72.11	153.52	66.89	46.28

Note: Recommended refrigerant capacity is based on standard rating conditions: 38°C condensing temperature, 5.5°C superheat, and 0°C subcooling.

SUCTION LINE ACCUMULATORS

Holding Capacity (Unit in kg)

Sr No.	Model	Total Volume (Lit.)	R22		R410A		R404		R134a	
			4.4 °C	30 °C	4.4 °C	30 °C	4.4 °C	30 °C	4.4 °C	30 °C
1	ACC-3150-3S	0.60	0.38	0.35	0.35	0.31	0.34	0.31	0.38	0.36
2	ACC-3185-4S	0.72	0.46	0.42	0.42	0.37	0.41	0.37	0.46	0.43
3	ACC-3239-5S	0.94	0.60	0.55	0.54	0.49	0.53	0.48	0.60	0.56
4	ACC-3349-6S	1.38	0.87	0.81	0.80	0.72	0.78	0.71	0.88	0.82
5	ACC-3370-4S	1.46	0.92	0.85	0.85	0.76	0.83	0.75	0.93	0.87
6	ACCF-4254-4S	1.93	1.22	1.13	1.12	1.00	1.10	0.99	1.23	1.15
7	ACCF-4254-5S	1.93	1.22	1.13	1.12	1.00	1.10	0.99	1.23	1.15
8	ACCF-5216-6S	2.07	1.31	1.21	1.20	1.07	1.17	1.06	1.32	1.23
9	ACCF-5216-7S	2.07	1.31	1.21	1.20	1.07	1.17	1.06	1.32	1.23
10	ACCF-5330-7S	3.29	2.08	1.93	1.90	1.70	1.87	1.68	2.10	1.95
11	ACCF-5330-9S	3.29	2.08	1.93	1.90	1.70	1.87	1.68	2.10	1.95
12	ACCF-5330-9S	3.29	2.08	1.93	1.90	1.70	1.87	1.68	2.10	1.95
13	ACCF-5430-11S	4.37	2.77	2.56	2.53	2.26	2.48	2.24	2.79	2.59
14	ACCF-6330-7S	4.87	3.08	2.85	2.82	2.52	2.76	2.49	3.11	2.89
15	ACCF-6330-9S	4.87	3.08	2.85	2.82	2.52	2.76	2.49	3.11	2.89
16	ACCF-6430-7S	6.46	4.09	3.78	3.74	3.35	3.67	3.30	4.13	3.83
17	ACCF-6330-9S	4.87	3.08	2.85	2.82	2.52	2.76	2.49	3.11	2.89
18	ACCF-6430-11S	6.46	4.09	3.78	3.74	3.35	3.67	3.30	4.13	3.83
19	ACCF-6430-13S	6.46	4.09	3.78	3.74	3.35	3.67	3.30	4.13	3.83
20	ACCF-6430-13S	6.46	4.09	3.78	3.74	3.35	3.67	3.30	4.13	3.83
21	ACCF-6430-13S	6.46	4.09	3.78	3.74	3.35	3.67	3.30	4.13	3.83
22	ACC-3185-4S	0.69	0.44	0.40	0.40	0.36	0.39	0.35	0.44	0.41
23	ACC-3239-5S	0.91	0.58	0.53	0.53	0.47	0.52	0.47	0.58	0.54
24	ACC-3349-6S	1.35	0.85	0.79	0.78	0.70	0.77	0.69	0.86	0.80
25	ACC-3370-4S	1.43	0.91	0.84	0.83	0.74	0.81	0.73	0.91	0.85
26	ACC-4254-4S	1.93	1.22	1.13	1.12	1.00	1.10	0.99	1.23	1.15
27	ACC-4254-5S	1.93	1.22	1.13	1.12	1.00	1.10	0.99	1.23	1.15
28	ACC-5216-6S	2.48	1.57	1.45	1.44	1.29	1.41	1.27	1.58	1.47
29	ACC-5216-7S	2.48	1.57	1.45	1.44	1.29	1.41	1.27	1.58	1.47
30	ACCM-5216-7S	2.48	1.57	1.45	1.44	1.29	1.41	1.27	1.58	1.47
31	ACC-5330-7S	3.8	2.41	2.22	2.20	1.97	2.16	1.94	2.43	2.25
32	ACCM-5330-7S	3.8	2.41	2.22	2.20	1.97	2.16	1.94	2.43	2.25
33	ACC-5330-9S	3.8	2.41	2.22	2.20	1.97	2.16	1.94	2.43	2.25
34	ACCM-5330-9S	3.8	2.41	2.22	2.20	1.97	2.16	1.94	2.43	2.25
35	ACC-5430-9S	4.96	3.14	2.90	2.87	2.57	2.81	2.54	3.17	2.94
36	ACCM-5430-9S	4.96	3.14	2.90	2.87	2.57	2.81	2.54	3.17	2.94
37	ACC-5430-11S	4.96	3.14	2.90	2.87	2.57	2.81	2.54	3.17	2.94
38	ACCM-5430-11S	4.96	3.14	2.90	2.87	2.57	2.81	2.54	3.17	2.94
39	ACC-6330-7S	4.92	3.11	2.88	2.85	2.55	2.79	2.52	3.14	2.92
40	ACCM-6330-7S	4.92	3.11	2.88	2.85	2.55	2.79	2.52	3.14	2.92
41	ACC-6330-9S	4.92	3.11	2.88	2.85	2.55	2.79	2.52	3.14	2.92
42	ACCM-6330-9S	4.92	3.11	2.88	2.85	2.55	2.79	2.52	3.14	2.92
43	ACC-6430-7S	6.55	4.15	3.84	3.79	3.39	3.72	3.35	4.19	3.89
44	ACCM-6430-7S	6.55	4.15	3.84	3.79	3.39	3.72	3.35	4.19	3.89
45	ACC-6330-9S	4.92	3.11	2.88	2.85	2.55	2.79	2.52	3.14	2.92
46	ACCM-6330-9S	4.92	3.11	2.88	2.85	2.55	2.79	2.52	3.14	2.92
47	ACC-6430-11S	6.55	4.15	3.84	3.79	3.39	3.72	3.35	4.19	3.89
48	ACCM-6430-11S	6.55	4.15	3.84	3.79	3.39	3.72	3.35	4.19	3.89
49	ACC-6430-13S	6.55	4.15	3.84	3.79	3.39	3.72	3.35	4.19	3.89
50	ACCM-6430-13S	6.55	4.15	3.84	3.79	3.39	3.72	3.35	4.19	3.89
51	ACCM-8350-17S	10.86	6.87	6.36	6.29	5.63	6.16	5.56	6.94	6.44
52	ACCM-105485-21S	22.44	14.20	13.14	12.99	11.63	12.73	11.48	14.34	13.31

Note: Refrigerant holding capacity is the weight of refrigerant the suction accumulator can safely hold without the risk of carry-over into the compressor suction line and accumulator selection based on refrigerant type, temperature, and required liquid capacity. For R134a at 4.4°C use 50% of internal volume for liquid storage — e.g., a 0.6 L accumulator holds ~0.383 kg of liquid refrigerant.

Possible Customization on Demand

- Specifics volumes and connections.
- Different supports and dimensions.

Selection Guideline

- The accumulator should have adequate holding capacity. Normally, the accumulator should not be sized for less than 50% of the total system charge.
- The system designer must verify that both the minimum and maximum refrigeration capacities of the system fall within the accumulator limits, as well as system designer verify the suction line fittings.
- The maximum capacities are based on accumulator pressure loss and oil return.
- The pressure loss is equivalent to a maximum of 1/2°C. The minimum kW capacities are to ensure proper oil return.

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