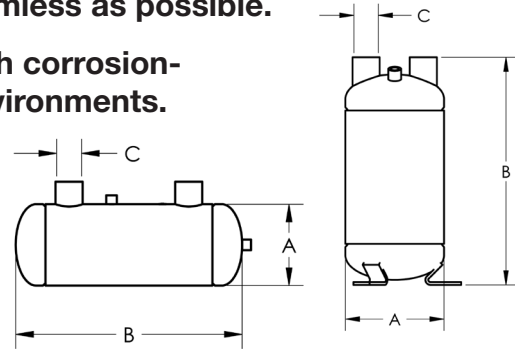
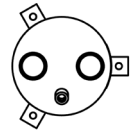


A.S.M.E. SUCTION ACCUMULATORS (R410A)

- Refrigeration Research, Inc. is pleased to announce new, A.S.M.E. certified suction accumulators intended for use with R410A refrigerant (450 P.S.I.).
- A.S.M.E. suction accumulators available in standard sizes and volumes, to make your transition to R410A as seamless as possible.
- All A.S.M.E. suction accumulators are finished with corrosion-resistant powder paint suitable for most harsh environments.
- Refrigeration Research, Inc. also has the ability to provide Canadian Registration Numbers with these quality components.
- CE documentation provided.



APPLICATION DATA FOR A.S.M.E. SUCTION ACCUMULATORS (450 P.S.I.)

PART NUMBER	VERTICAL OR HORIZONTAL	DIAMETER (INCHES)	LENGTH #	WEIGHT	MAXIMUM REFRIGERANT HOLDING CAPACITY (LBS.)				HX INLET I.D.	SUCTION INLET OUTLET I.D. SIZE	EVAP TEMP	† RECOMMENDED TONS OF REFRIGERATION							
					R-410A	R-134A	R-22	R-404A				REFRIGERANT							
												R-410A		R-134A		R-22		R-404A	
												MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
									C		+40°F	29.40	2.10	11.70	1.35	28.00	2.00	25.00	2.00
3648	V	8-5/8	20	44	27.5	31.3	30.9	27.2	3/4"	1-5/8	+20°F	19.90	2.00	8.10	1.16	19.00	1.90	18.00	1.90
HX3648	V	8-5/8	20	50	27.5	31.3	30.9	27.2			0°F	13.60	1.68	5.40	0.97	13.00	1.60	12.00	1.60
											-20°F	8.40	1.36	3.60	0.87	8.00	1.30	7.00	1.30
											-40°F	5.25	1.15	1.80	0.68	5.00	1.10	4.00	1.10
3642	V	8-5/8	20	44	27.5	31.3	30.9	27.2	7/8"	2-1/8	+40°F	61.90	5.46	28.80	3.57	59.00	5.80	55.00	5.80
3649	V	10-3/4	20	60.5	45	51	50	44			+20°F	43.00	5.09	18.90	3.09	41.00	5.20	39.00	5.20
HX3642	V	8-5/8	20	50	27.5	31.3	30.9	27.2			0°F	28.30	4.51	12.60	2.51	27.00	4.30	26.00	4.30
HX3649	V	10-3/4	20	66.5	45	51	50	44			-20°F	18.50	3.88	7.20	2.03	18.00	3.70	16.00	3.70
											-40°F	12.60	2.83	4.50	1.64	12.00	2.70	10.00	2.70
HX3847	H	8-5/8	24	63	39.8	45.2	44.6	39.5	1-3/8"	2-5/8	+40°F	94.50	9.97	45.00	5.70	90.00	9.50	85.00	5.80
3643	V	10-3/4	20	57	45.2	51.4	50.7	44.7	+20°F		65.10	8.82	29.70	5.02	62.00	8.40	60.00	5.20	
3847	H	8-5/8	24	48	39.8	45.2	44.6	39.3	0°F		44.10	7.35	19.80	4.06	42.00	7.00	40.00	4.30	
8830	H	8-5/8	48	106	66	75.1	74.2	65.3	-20°F		29.40	6.30	11.70	3.28	28.00	6.00	25.00	3.70	
HX3643	V	10-3/4	20	66.5	45	51	50	44	1-3/8"		-40°F	18.50	4.41	7.20	2.70	18.00	4.20	15.00	2.70
HX3644	V	10-3/4	26	85	64	72	72	63	1-3/8"	3-1/8	+40°F	136.50	15.70	63.0	9.66	130.0	15.0	125.0	15.00
3644	V	10-3/4	26	75	64.6	72.7	72.5	63.9	+20°F		94.50	13.60	48.60	8.40	90.00	13.0	90.0	13.00	
3846	H	10-3/4	24	63	62.8	71.3	70.4	62	0°F		63.00	11.50	33.30	6.57	60.00	11.00	60.00	11.00	
3645	V	12-3/4	26	100	85.4	93.5	93	84	-20°F		42.00	9.76	20.70	5.89	40.00	9.30	40.00	9.30	
HX3846	H	10-3/4	24	72	62	71	70	61	1-3/8"		-40°F	29.40	7.87	11.70	4.64	28.00	7.50	25.00	4.50

† Maximum recommended tons based on pressure drop through Suction Accumulator
 † Minimum recommended tons based on oil return through Suction Accumulator
 # ASME Length includes Nipples
 HX designates Heat Exchanger - Suction Accumulator with heat exchanger coil added for increased liquid line subcooling.

