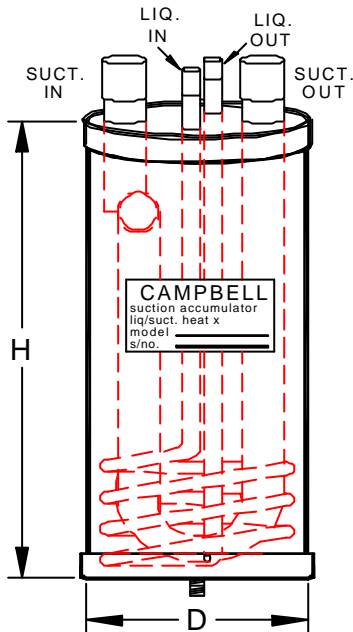




CAMPBELL CASLH SERIES LIQUID TO SUCTION HEAT EXCHANGER & SUCTION ACCUMULATOR ARE AVAILABLE IN CAPACITIES FROM 3 kW TO 100 kW.

PREVENTS COMPRESSOR DAMAGE DUE TO LIQUID REFRIGERANT RETURN IN THE SUCTION LINE. INCREASES SYSTEM EFFICIENCY BY SUB-COOLING LIQUID REFRIGERANT IN THE LIQUID LINE.



APPLICATIONS.

CASLH liquid/suction accumulators are for installation in refrigeration systems where liquid flood back to the compressor is a problem during load fluctuations. The liquid/suction heat exchanger reduces liquid temperature in the liquid line to prevent flashing in long line liquid runs. By reducing flash gas after T.X. valve, evaporator efficiency is improved particularly in low temperature liquid chillers & D.X. systems.

REFRIGERANTS.

Suitable for use with R22, R404A, R134A & most low pressure refrigerant blends.

OIL RETURN.

The internal "U" tube has an oil return hole for continuous oil return.

Model	Dimensions (mm)		Connections		Max. Refrig. Holding (kg)		
	H	D	Suct.	Liq.	R134A	R22	R404A
CASLH-10/2	254	140	3/4"	3/8"	2.9	2.7	2.4
CASLH-14/3	330	140	7/8"	1/2"	3.6	3.5	3.2
CASLH-31/6	356	165	1 1/8"	5/8"	6.1	5.4	5.2
CASLH-60/10	508	170	1 3/8"	5/8"	8.1	7.5	7.3
CASLH-100/18	610	170	1 5/8"	3/4"	10.4	9.5	9.2

Model		Recommended Capacity kW														
		Refrigerant R134A Evaporating Temp. (°C)					Refrigerant R22 Evaporating Temp. (°C)					Refrigerant R404A / 507 Evaporating Temp. (°C)				
		+5°	-7°	-18°	-29°	-40°	+5°	-7°	-18°	-29°	-40°	+5°	-7°	-18°	-29°	-40°
CASLH-10/2	Max	6.4	4.10	2.50	1.70	1.00	11	7.50	5.50	3.90	2.10	10	7	5	2.80	1.75
	Min	0.52	0.42	.40	0.32	0.25	0.80	0.70	0.60	0.50	0.35	0.80	0.65	0.56	0.46	0.35
CASLH-14/3	Max	8.8	6.40	3.50	2.50	1.45	14	11	8	5.30	3.20	14	10.5	7	4.60	2.50
	Min	1.3	1.10	.92	0.75	0.59	1.80	1.60	1.40	1.20	0.95	1.85	1.60	1.40	1.20	0.95
CASLH-31/6	Max	18	11.3	7.40	5	3.20	32	22	15	10	6.40	32	21	14	8.80	5
	Min	2	1.60	1.30	1.10	0.60	3	2.30	2	1.70	1.40	2.70	2.30	1.97	1.65	1.34
CASLH-60/10	Max	28	21	14	8.50	4.92	60	39	27	18	10.5	54	35	25	16	8.70
	Min															
CASLH-100/18	Max	46	32	21	14	7	100	67	46	30	17.6	88	64	43	25	14
	Min															