

SILENSYS®



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LBP

R452A

MODEL NUMBER	REFRIGERATION OUTPUT 32° amb., 10K superheating, 3K subcooling, Mid/Mid Evaporation temperature (°C):						REFRIG. OUTPUT EN13215 Evap. T -35°C		Aco. P db(A)	Air flow m3/h	Liq. Rec. Vol.	Diam. for tubing O.D.		Net/ Gross weight kg	No. Dim	Maximum current according to voltage code		
	-35°	-30°	-25°	-20°	-15°	-10°	Perf. (W)	COP (W/W)				Suc.	Liqu. Line			FZ	KZ	TZ
SILRG2426Z	315	412	530	671	836	1028	356	1.03	26	1650	0.75	3/8"	1/4"	61/78	S	3.7	na	na
SILRG2432Z	387	504	642	805	994	1211	439	1.08	27	1650	0.75	3/8"	1/4"	61/78	S	4.5	na	na
SILAJ2432Z	350	506	697	927	1198	1511	392	0.88	26	1650	1.50	1/2"	1/4"	71/88	S	6.2	na	na
SILAJ2440Z	429	601	806	1048	1331	1662	484	0.95	26	1650	1.50	1/2"	1/4"	70/87	S	6.0	na	na
SILRG2446Z	523	682	874	1101	1367	1674	594	1.12	27	1650	1.50	3/8"	1/4"	63/80	S	5.7	na	na
SILAJ2446Z	564	761	996	1276	1607	1996	643	1.03	26	1650	1.50	1/2"	3/8"	72/89	S	8.5	na	3.2
SILAJ2464Z	765	1026	1337	1699	2116	2589	867	1.02	27	1650	1.50	1/2"	3/8"	74/91	S	10.3	na	4.1
SILFH2480Z	1012	1403	1847	2345	2904	3532	1142	1.05	39	1650	2.35	5/8"	1/2"	74/95	M	17.3	11.7	6.6
SILFH2511Z	1350	1866	2481	3202	4037	4994	1415	0.98	44	2700	2.35	5/8"	1/2"	71/92	M	26.0	14.4	8.3
SILAG2513Z	1351	1962	2665	3464	4365	5387	1518	0.97	40	2970	3.90	7/8"	1/2"	103/119	M	na	20.4	9.3
SILAG2516Z	1756	2530	3424	4436	5566	6821	1970	1.16	38	2970	3.90	7/8"	1/2"	128/144	M	na	25.3	10.3
SILAG2519Z	2055	2891	3855	4945	6158	7505	2321	1.61*	na	2970	3.90	7/8"	1/2"	108/129	M	na	na	11.2
SILAG2522Z	2349	3250	4295	5486	6835	8366	2669	1.62*	40	2700	3.90	7/8"	1/2"	112/128	M	na	30.2	14.2
SILAG2525Z	2614	3591	4695	5930	7306	8850	2971	1.60*	44	2700	3.90	7/8"	1/2"	112/128	M	na	26.7	14.1
SILAGD2532Z	3488	5112	7061	9332	11903	14726	3900	1.65*	43	6600	9.50	1"1/8	5/8"	236/257	XL	na	na	22.0
SILAGD2538Z	3972	5678	7728	10115	12803	15727	4491	1.66*	na	6600	9.50	1"1/8	5/8"	236/257	XL	na	na	22.0
SILSH2534Z	4315	5849	7647	9729	12110	14812	4425	1.71*	44	5000	12.00	1"3/8	5/8"	244/265	XL	na	na	16.2[c]
SILAGD2544Z	5002	6883	9147	11793	14795	18097	5725	1.72*	43	6600	9.50	1"1/8	5/8"	252/273	XL	na	na	28.0

Statement of the seasonal COP / na: not applicable / [a] voltage code XC, [b] voltage code XG, [c] voltage code YZ, [d] voltage code MZ



LBP

R404A



Silensys®

MODEL NUMBER	REFRIGERATION OUTPUT 32° amb., 10K superheating, 3K subcooling Evaporation temperature (°C):						REFRIG. OUTPUT EN13215 Evap. T -35°C		Aco. P db(A)	Air flow m3/h	Liq. Rec. Vol.	Diam. for tubing O.D.		Net/ Gross weight kg	No. Dim	Maximum current according to voltage code		
	-35°	-30°	-25°	-20°	-15°	-10°	Perf. (W)	COP (W/W)				Suc.	Liqu. Line			FZ	KZ	TZ
SILRG2426Z	268	359	470	601	754	930	331	0.89	26	1650	0.75	3/8"	1/4"	61/78	S	3.7	na	na
SILRG2432Z	351	457	586	739	916	1116	435	0.98	27	1650	0.75	3/8"	1/4"	61/88	S	4.5	na	na
SILAJ2432Z	380	531	714	931	1184	1476	469	1.03	26	1650	1.50	1/2"	1/4"	71/87	S	6.2	na	na
SILAJ2440Z	449	611	807	1037	1306	1618	555	1.01	26	1650	1.50	1/2"	1/4"	70/80	S	6.0	na	na
SILRG2446Z	467	612	786	992	1231	1506	579	1.02	27	1650	1.50	3/8"	1/4"	63/92	S	5.7	na	na
SILAJ2446Z	573	768	999	1270	1586	1951	712	1.07	26	1650	1.50	1/2"	3/8"	72/91	S	8.5	na	3.2
SILAJ2464Z	774	1033	1337	1688	2087	2532	957	1.09	27	1650	1.50	1/2"	3/8"	74/91	S	10.3	na	4.1
SILFH2480Z	1056	1429	1851	2324	2853	3441	1311	1.11	39	1650	2.35	5/8"	1/2"	74/91	M	17.3	11.7	6.6
SILFH2511Z	1357	1867	2472	3177	3988	4912	1688	1.13	44	2700	2.35	5/8"	1/2"	71/124	M	26.0	14.4	8.3
SILAG2513Z	1380	1974	2657	3427	4285	5238	1726	1.01	40	2970	3.90	7/8"	1/2"	103/144	M	na	20.4	9.3
SILAG2516Z	1786	2535	3409	4400	5498	6690	2225	1.67*	38	2970	3.90	7/8"	1/2"	128/124	M	na	25.3	10.3
SILAG2519Z	2030	2816	3731	4768	5913	7153	2540	1.67*	na	2970	3.90	7/8"	1/2"	108/133	M	na	na	11.2
SILAG2522Z	2396	3275	4295	5454	6749	8180	2991	1.70*	40	2700	3.90	7/8"	1/2"	112/128	M	na	30.2	14.2
SILAG2525Z	2619	3554	4614	5794	7092	8510	3276	1.66*	44	2700	3.90	7/8"	1/2"	112/252	M	na	26.7	14.1
SILAGD2532Z	3508	5096	7003	9220	11715	14422	4378	1.73*	43	6600	9.50	1"1/8	5/8"	236/257	XL	na	na	22.0
SILSH2534Z-YZ	4406	5880	7583	9525	11716	14173	4950	1.86*	44	5000	12.00	1"3/8	5/8"	244/265	XL	na	na	16.2[b]
SILAGD2538Z	3999	5676	7686	10014	12613	15397	5009	1.74*	na	6600	9.50	1"1/8	5/8"	236/272	XL	na	na	22.0
SILAGD2544Z	4551	6328	8453	10905	13620	16485	5710	1.76*	43	6600	9.50	1"1/8	5/8"	252/286	XL	na	na	28.0

Statement of the seasonal COP / na: not applicable / [a] voltage code XC, [b] voltage code XG, [c] voltage code YZ, [d] voltage code MZ

For information, the cooling capacity of fluids R449A and R448A: at the evaporation point To = -30°C, SH10K, apply the multiplier ratio 0.94 to the cooling capacities read with R404A.





Silensys®

MHBP

R452A

MODEL NUMBER	REFRIGERATION OUTPUT 32° amb., 10K superheating, 3K subcooling, Mid/Mid Evaporation temperature (°C):							REFRIG. OUTPUT EN13215 Evap. T -10°C		Aco. P db(A)	Air flow m3/h	Liq. Rec. Vol.	Diam. for tubing O.D.		Net/ Gross weight kg	No. Dim	Maximum current according to voltage code		
	-25°	-15°	-10°	-5°	0°	5°	15°	Perf. (W)	COP (W/W)				Suc.	Liqu. Line			FZ	KZ	TZ
SILAE4450Z	368	638	805	1004	1237	1506	2167	820	1.78	27	1620	0.75	3/8"	1/4"	73/87	S	5.4	na	na
SILAE4460Z	470	771	957	1178	1436	1735	2470	981	1.84	27	1620	0.75	3/8"	1/4"	72/86	S	6.2	na	na
SILRG4467Z	498	800	986	1206	1462	1757	2478	1013	2.16	26	1650	0.75	3/8"	1/4"	62/79	S	4.8	na	na
SILRG4480Z	595	951	1170	1429	1730	2079	2941	1203	2.20	26	1650	1.50	3/8"	3/8"	62/79	S	5.6	na	na
SILAJ9480Z	607	1027	1286	1590	1943	2348	3329	1316	1.90	28	1650	1.50	1/2"	3/8"	70/87	S	7.0	na	3.7
SILRG4492Z	669	1066	1307	1591	1918	2294	3204	1350	2.21	26	1650	1.50	1/2"	3/8"	63/80	S	6.2	na	na
SILAJ9510Z	758	1252	1554	1908	2318	2789	3942	1600	1.86	26	1650	1.50	5/8"	3/8"	72/89	S	8.7	na	4.1
SILRG4512Z	836	1329	1628	1977	2378	2836	3934	1681	2.20	26	1650	1.50	1/2"	3/8"	65/82	S	7.0	na	na
SILAJ9513Z	914	1568	1968	2432	2963	3566	5005	2021	2.08	26	1650	1.50	5/8"	3/8"	74/91	S	11.6	na	4.7
SILAJ4517Z	1008	1689	2094	2562	3097	3711	5216	2171	1.96	27	1650	2.35	5/8"	3/8"	73/92	S	13.0	6.3	4.7
SILAJ4519Z	1226	2093	2596	3171	3828	4587	6519	2708	1.72	28	1650	2.35	5/8"	3/8"	74/91	S	15.5	11.2	6.5
SILFH4524Z	1319	2439	3122	3911	4807	5821	8236	3213	1.82	35	2700	2.35	5/8"	1/2"	69/90	M	20.8	11.1	8.9
SILFH4531Z	1797	3150	3947	4868	5922	7129	10089	4092	1.90	45	2700	3.90	7/8"	1/2"	72/93	M	24.0	14.6	9.4
SILAW4538Z	2174	3851	4814	5877	7027	8267	11132	5008	2.98*	38	2700	3.90	7/8"	1/2"	80/111	M	27.0[a]	na	9.7[b]
SILAG4546Z	2306	4485	5791	7249	8873	10703	15357	5957	2.66*	46	5940	6.00	7/8"	1/2"	128/143	L	na	23.7	14.9
SILAG4553Z	2712	5259	6774	8458	10326	12418	17663	6956	2.72*	48	5940	6.00	7/8"	5/8"	133/149	L	na	27.8	15.6
SILAG4561Z	3123	5763	7276	8933	10765	12843	18374	7550	2.60*	47	5940	6.00	1"1/8	5/8"	134/149	L	na	30.0	16.9
SILAG4568Z	3900	6941	8738	10745	12998	15766	22218	9047	2.75*	43	5940	6.00	1"1/8	5/8"	138/153	L	na	36.0	19.4
SILAG4573Z	4297	7392	9228	11267	13534	16083	22551	9595	2.59*	42	5940	6.00	1"1/8	5/8"	139/154	L	na	33.0	20.6
SILAG4581Z	4728	8333	10448	12783	15345	18157	24773	10813	2.59*	42	5400	6.00	1"1/8	5/8"	145/154	L	na	39.0	22.0
SILAGD4590Z	4621	8988	11750	14884	18351	22082	30018	12034	3.06*	47	6600	9.50	1"1/8	5/8"	246/267	XL	na	na	25.0
SILAGD4610Z	5252	10038	13002	16321	19936	23756	31589	13381	3.00*	47	6600	9.50	1"1/8	7/8"	249/270	XL	na	na	29.0
SILSH4591Z	6469	10317	13317	15411	18461	21862	na	13192	3.29*	na	6600	12	1"3/8	5/8"	244/264	XL	na	na	15.1[c]
SILAGD4612Z	6111	12232	14352	17852	21514	25375	33102	14858	2.92*	48	6600	12	1"3/8	7/8"	253/274	XL	na	na	32.0
SILAGD4614Z	7381	12937	16356	20135	24158	28253	36338	17045	2.94*	45	6600	12	1"3/8	7/8"	256/277	XL	na	na	37.0
SILAGD4615Z	8081	13829	17286	21048	24986	28917	36431	18100	2.76*	45	6600	12	1"3/8	7/8"	257/278	XL	na	na	39.0

Statement of the seasonal COP / na: not applicable/[a] voltage code XC, [b] voltage code XG, [c] voltage code YZ, [d] voltage code MZ



MHBP

R404A



Silensys®

MODEL NUMBER	REFRIGERATION OUTPUT 32° amb., 10K superheating, 3K subcooling Evaporation temperature (°C):							REFRIG. OUTPUT EN13215 Evap. T -10°C		Aco. P db(A)	Air flow m3/h	Liq. Rec. Vol.	Diam. for tubing O.D.		Net/ Gross weight kg	No. Dim	Maximum current according to voltage code		
	-25°	-15°	-10°	-5°	0°	5°	15°	Perf. (W)	COP (W/W)				Suc.	Liqu. Line			FZ	KZ	TZ
SILAE4450Z	370	627	790	980	1199	1450	2065	870	1.81	27	1620	0.75	3/8"	1/4"	73/90	S	5.4	na	na
SILRG4467Z	456	729	906	1114	1353	1628	2299	999	2.07	26	1650	0.75	3/8"	1/4"	62/79	S	4.8	na	na
SILAE4460Z	476	762	942	1152	1394	1673	2354	1039	1.87	27	1620	0.75	3/8"	1/4"	72/89	S	6.2	na	na
SILRG4480Z	559	888	1101	1349	1635	1963	2763	1214	2.09	26	1650	1.50	3/8"	3/8"	62/79	S	5.6	na	na
SILRG4492Z	625	988	1220	1488	1797	2149	3010	1349	2.15	26	1650	1.50	1/2"	3/8"	63/80	S	6.2	na	na
SILAJ9480Z	614	1014	1266	1556	1888	2265	3172	1396	1.93	28	1650	2.35	1/2"	3/8"	70/87	S	7.0	na	3.7
SILAJ9510Z	768	1248	1549	1894	2286	2730	3793	1710	1.95	26	1650	2.35	5/8"	3/8"	72/89	S	8.7	na	4.1
SILRG4512Z	811	1279	1570	1901	2277	2703	3730	1736	2.19	26	1650	1.50	1/2"	3/8"	65/82	S	7.0	na	na
SILAJ9513Z	886	1518	1894	2313	2780	3298	4515	2094	2.05	26	1650	2.35	5/8"	3/8"	74/91	S	11.6	na	4.7
SILAJ4517Z	1016	1671	2066	2512	3012	3575	4941	2296	1.97	27	1650	2.35	5/8"	3/8"	73/90	S	13.0	6.3	4.7
SILAJ4519Z	1223	2068	2562	3108	3719	4408	6141	2860	1.73	28	1650	2.35	5/8"	3/8"	74/91	S	15.5	11.2	6.5
SILFH4524Z	1316	2397	3064	3817	4658	5593	7793	3405	1.85	35	2970	2.35	5/8"	1/2"	69/90	M	20.8	11.1	8.9
SILFH4531Z	1809	3112	3892	4767	5747	6847	9517	4333	1.93	45	2970	3.90	7/8"	1/2"	72/93	M	24.0	14.6	9.4
SILAW4538Z	2203	3774	4704	5724	6828	8007	10621	5239	2.97*	38	2970	3.90	7/8"	1/2"	80/101	M	27.0[a]	na	9.7[b]
SILAG4546Z	2348	4317	5543	6931	8485	10212	14292	6158	2.65*	46	5940	6.00	7/8"	5/8"	128/144	L	na	23.7	14.9
SILAG4553Z	2838	5097	6499	8087	9866	11845	16509	7206	2.70*	48	5940	6.00	7/8"	5/8"	133/149	L	na	27.8	15.6
SILAG4561Z	3227	5562	6976	8562	10327	12288	16972	7773	2.58*	47	5940	6.00	1"1/8	5/8"	134/150	L	na	30.0	16.9
SILAG4568Z	3993	6733	8412	10313	12450	14851	20688	9352	2.73*	43	5940	6.00	1"1/8	5/8"	138/154	L	na	36.0	19.4
SILAG4573Z	4347	7177	8900	10831	12980	15363	21042	9912	2.57*	42	5940	6.00	1"1/8	5/8"	139/155	L	na	33.0	20.6
SILAG4581Z	4738	8103	10097	12304	14722	17353	23332	11208	2.58*	42	5400	6.00	1"1/8	5/8"	145/161	L	na	39.0	22.0
SILAGD4590Z	4545	8769	11430	14447	17779	21364	28970	12674	3.10*	47	6600	9.50	1"1/8	5/8"	246/267	XL	na	na	25.0
SILSH4591Z	6462	10228	12510	15065	17899	21016	na	13215	3.15*	na	6600	9.50	1"3/8	5/8"	244/264	XL	na	na	15.1[c]
SILAGD4610Z	5181	9819	12683	15885	19372	23056	30582	14087	3.04*	47	6600	9.50	1"1/8	7/8"	249/270	XL	na	na	29.0
SILAGD4612Z	6064	11025	14037	17368	20949	24673	32059	15622	2.95*	48	6600	12.00	1"3/8	7/8"	253/274	XL	na	na	32.0
SILAGD4614Z	7385	12735	16024	19658	23529	27468	34966	17893	2.96*	45	6600	12.00	1"3/8	7/8"	256/277	XL	na	na	37.0
SILAGD4615Z	8093	13654	16995	20631	24439	28238	35112	19007	2.78*	45	6600	12.00	1"3/8	7/8"	257/278	XL	na	na	39.0

Statement of the seasonal COP / na : not applicable

For information, the cooling capacity of fluids R449A and R448A: at the evaporation point To = -30°C, SH10K, apply the multiplier ratio 0.94 to the cooling capacities read with R404A.





Silensys®

MHBP

R513A

MODEL NUMBER	REFRIGERATION OUTPUT 32° amb., 10K superheating, 3K subcooling Evaporation temperature (°C)							REFRIG. OUTPUT EN13215 Evap. T -10°C		Aco. P db(A)	Air flow m3/h	Liq. Rec. Vol.	Diam. for tubing O.D.		Net/ Gross weight kg	No. Dim	Maximum current according to voltage code		
	-15°	-10°	-5°	0°	5°	10	15°	Perf. (W)	COP (W/W)				Suc.	Liqu. Line			FZ	KZ	TZ
SILAE4450Y	616	773	959	1178	1435	1734	2079	835	1.66	28	1650	0.75	3/8"	1/4"	73/87	S	4.9	na	na
SILAJ4461Y	691	885	1117	1391	1712	2083	2507	957	1.74	26	1650	1.50	1/2"	1/4"	68/85	S	6.1	na	2.5
SILAJ4476Y	798	1032	1306	1626	1999	2429	2922	1117	1.98	26	1650	1.50	1/2"	3/8"	70/79	S	7.2	na	na
SILAJ4492Y	1035	1323	1656	2036	2466	2947	3480	1430	1.94	26	1650	1.50	1/2"	3/8"	70/87	S	9.2	na	3.1
SILAJ4511Y	1329	1675	2065	2503	2987	3516	4089	1815	2.10	27	1650	1.50	5/8"	3/8"	72/89	S	8.9	na	3.9
SILFH4518Y	1685	2231	2863	3590	4416	5347	6387	2421	1.79	33	2970	2.35	5/8"	3/8"	85/106	M	12.4	8.1	5.4
SILFH4525Y	2377	3026	3776	4634	5606	6699	7919	3297	1.92	40	2970	2.35	5/8"	3/8"	87/108	M	16.4	13.1	7.9
SILAG4528Y	2958	3788	4716	5749	6897	8179	9620	4106	2.54	39	2970	3.90	7/8"	1/2"	102/123	M	na	24.8	10.8
SILAG4534Y	3173	4135	5226	6453	7820	9331	10992	4486	2.33	37	2970	3.90	7/8"	1/2"	104/126	M	na	24.8	10.6
SILAG4537Y	3608	4698	5936	7330	8893	10636	12584	5092	2.36	37	2970	3.90	7/8"	1/2"	104/125	M	na	24.8	10.2
SILAG4543Y	3968	5168	6515	8018	9687	11538	13596	5603	3.02*	38	2970	3.90	7/8"	1/2"	107/128	M	na	24.8	11.5
SILAG4547Y	4325	5606	7062	8700	10523	12531	14723	6078	2.63*	37	2970	3.90	7/8"	1/2"	107/128	M	na	24.8	11.3
SILAGD4556Y	5950	7738	9763	12036	14576	17406	20570	8364	3.32*	43	6600	9.50	1"1/8	5/8"	234/255	XL	na	na	22.3
SILAGD4568Y	6371	8425	10801	13507	16528	19824	23329	9127	3.14*	42	6600	9.50	1"1/8	5/8"	236/257	XL	na	na	21.9
SILAGD4574Y	6992	9163	11652	14478	17651	21176	25051	9935	2.96*	42	6600	9.50	1"1/8	5/8"	246/267	XL	na	na	23.0
SILAGD4586Y	7852	10358	12232	16489	20124	24119	28436	11232	3.31*	42	6600	9.50	1"1/8	5/8"	246/267	XL	na	na	24.0

Statement of the seasonal COP / na: not applicable

Silensys®

MHBP

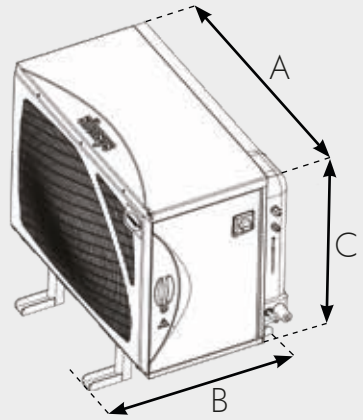
R134a

MODEL NUMBER	REFRIGERATION OUTPUT 32° amb., 10K superheating, 3K subcooling, Mid/Mid Evaporation temperature (°C):							REFRIG. OUTPUT EN13215 Evap. T -10°C		Aco. P db(A)	Air flow m3/h	Liq. Rec. Vol.	Diam. for tubing O.D.		Net/ Gross weight kg	No. Dim	Maximum current according to voltage code		
	-15°	-10°	-5°	0°	5°	10	15°	Perf. (W)	COP (W/W)				Suc.	Liqu. Line			FZ	KZ	TZ
SILRG4445Y	414	530	674	846	1048	1283	1550	566	1.79	26	1650	0.75	3/8"	1/4"	61/78	S	3.9	na	na
SILRG4450Y	504	644	815	1020	1262	1544	1868	688	1.76	26	1650	0.75	3/8"	1/4"	61/78	S	4.2	na	na
SILRG4460Y	560	713	902	1133	1409	1736	2119	762	1.84	26	1650	0.75	1/2"	1/4"	62/79	S	4.6	na	na
SILAE4450Y	571	730	918	1138	1395	1691	2032	780	1.90	27	1620	0.75	3/8"	1/4"	73/87	S	4.9	na	na
SILAJ4461Y	633	827	1060	1338	1666	2049	2493	883	1.71	26	1650	1.50	1/2"	1/4"	68/85	S	6.1	na	2.5
SILRG4476Y	734	932	1169	1447	1768	2136	2553	996	1.96	26	1650	1.50	1/2"	3/8"	62/79	S	5.8	na	na
SILAJ4476Y	740	975	1250	1571	1943	2369	2856	1043	1.71	26	1650	1.50	1/2"	3/8"	70/87	S	7.2	na	na
SILAJ4492Y	947	1235	1571	1960	2404	2908	3474	1319	1.91	26	1650	1.50	1/2"	3/8"	70/87	S	9.2	na	3.1
SILAJ4511Y	1220	1568	1967	2418	2924	3486	4105	1679	2.08	27	1650	1.50	5/8"	3/8"	72/89	S	8.9	na	3.9
SILFH4518Y	1548	2091	2730	3473	4330	5308	6421	2242	1.76	33	2700	2.35	5/8"	3/8"	85/106	M	12.4	8.1	5.4
SILFH4525Y	2190	2848	3616	4504	5523	6686	8012	3062	1.89	40	2700	2.35	5/8"	3/8"	87/108	M	16.4	13.1	7.9
SILAG4528Y	1956	2851	3904	5093	6397	7805	9313	3048	2.01	39	2700	3.90	7/8"	1/2"	102/123	M	na	24.8	10.8
SILAG4534Y	2693	3705	4910	6282	7792	9413	11117	3964	2.20	37	2700	3.90	7/8"	1/2"	104/126	M	na	24.8	10.6
SILAG4537Y	3203	4332	5685	7235	8955	10823	12819	4632	2.29	37	2700	3.90	7/8"	1/2"	104/125	M	na	24.8	10.2
SILAG4543Y	3353	4489	5910	7578	9455	11509	13716	4801	2.24	38	2700	3.90	7/8"	1/2"	107/128	M	na	24.8	11.5
SILAG4547Y	3968	5249	6727	8412	10313	12440	14808	5623	2.61	37	2700	3.90	7/8"	1/2"	107/128	M	na	na	11.3
SILAGD4556Y	3935	5809	8048	10602	13424	16474	19725	6197	2.56	43	6600	9.50	1"1/8	5/8"	234/255	XL	na	na	21.0
SILAGD4568Y	5404	7530	10108	13078	16362	19858	23438	8048	2.88	42	6600	9.50	1"1/8	5/8"	236/256	XL	na	na	23.0
SILAGD4574Y	6242	8474	11180	14302	17775	21528	25479	9063	2.81	42	6600	9.50	1"1/8	5/8"	246/266	XL	na	na	21.0
SILAGD4586Y	6645	8995	11983	15536	19561	23948	28574	9621	2.96	42	6600	9.50	1"1/8	5/8"	246/267	XL	na	na	24.0

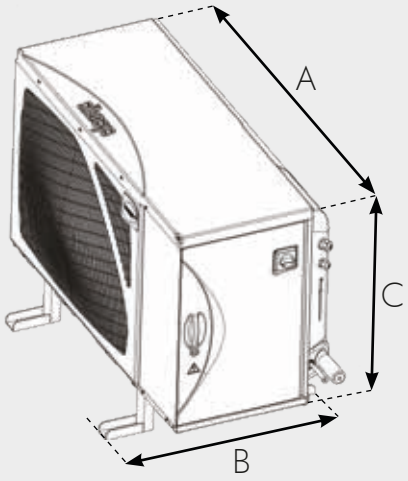
na: not applicable

DIMENSIONS

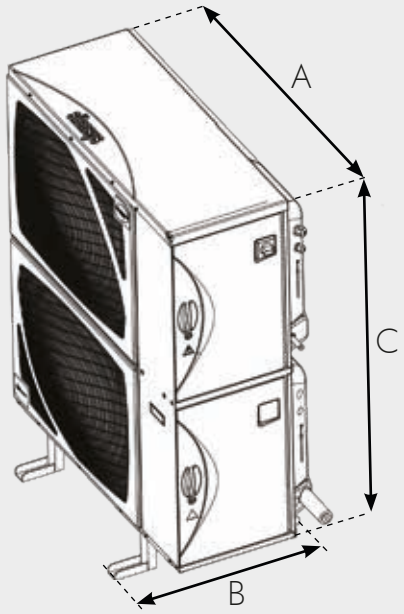
Silensys®



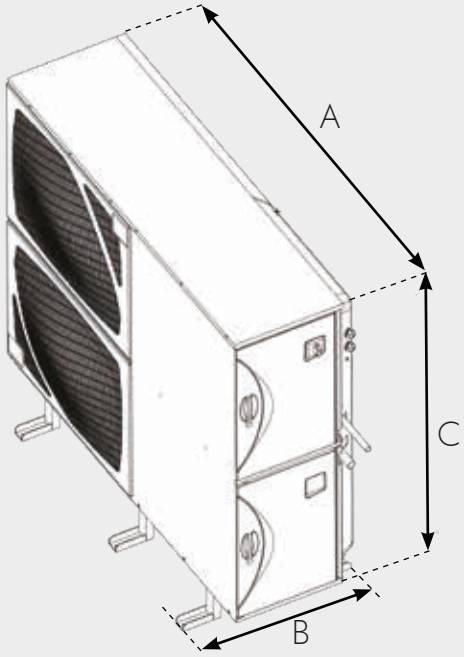
SIZE S



SIZE M



SIZE L

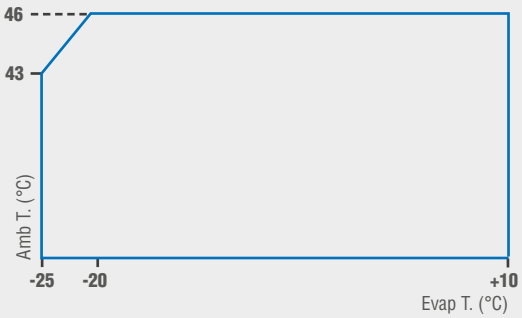


SIZE XL

		A	B	C
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	M	1174	654	837
	L	1209	654	1465
	XL	1666	654	1457

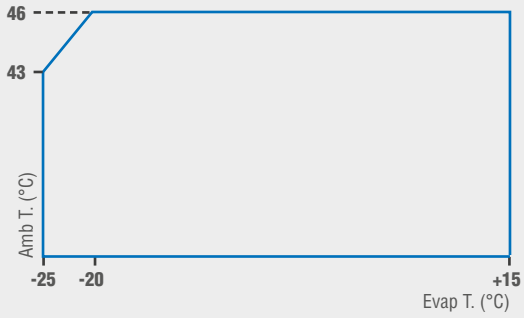
APPLICATION WINDOWS

LBP R452A R404A

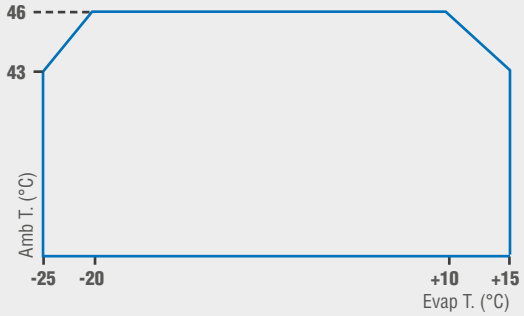


MODEL NUMBER
SIL RG 2426 Z
SIL RG 2432 Z
SIL RG 2446 Z
SIL AJ 2432 Z
SIL AJ 2440 Z
SIL AJ 2446 Z
SIL AJ 2464 Z
SIL FH 2480 Z
SIL FH 2511 Z
SIL AG 2513 Z
SIL AG 2516 Z
SIL AG 2519 Z
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SIL AGD 2538 Z
SIL AGD 2544 Z
SIL SH 2534 Z

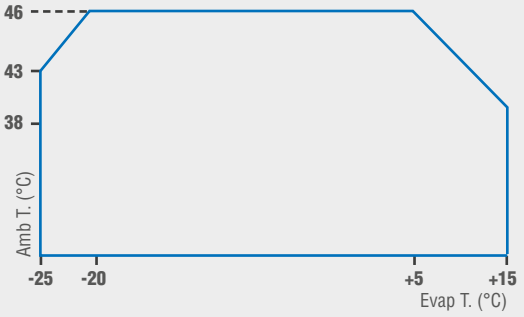
MHBP R452A R404A



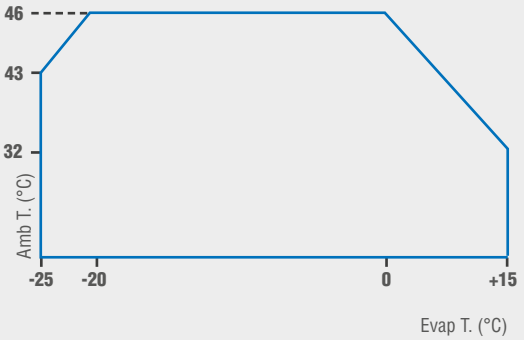
MODEL NUMBER
SIL AE 4450 Z
SIL AE 4460 Z
SIL RG 4467 Z
SIL RG 4480 Z
SIL RG 4492 Z
SIL RG 4512 Z
SIL AJ 9480 Z
SIL AJ 9510 Z
SIL AJ 9513 Z



MODEL NUMBER
SIL AJ 4517 Z
SIL FH 4524 Z
SIL AG 4553 Z
SIL AG 4581 Z
SIL AGD 4590 Z



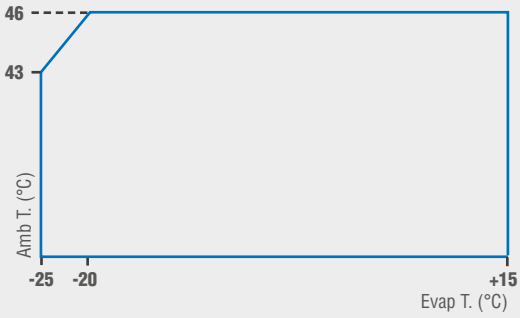
MODEL NUMBER
SIL AJ 4519 Z
SIL FH 4531 Z
SIL AW 4538 Z
SIL AG 4546 Z
SIL AG 4561 Z
SIL AG 4568 Z
SIL AG 4573 Z
SIL AGD 4610 Z
SIL AGD 4612 Z



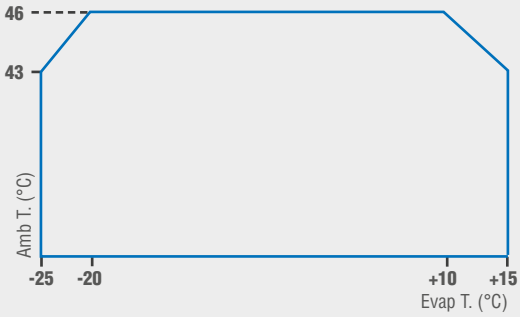
MODEL NUMBER
SIL AGD 4614 Z
SIL AGD 4615 Z
SIL SH 4591 Z

For R449A/R448A refrigerants, refer to the recommendations for use on our website www.tecumseh.com

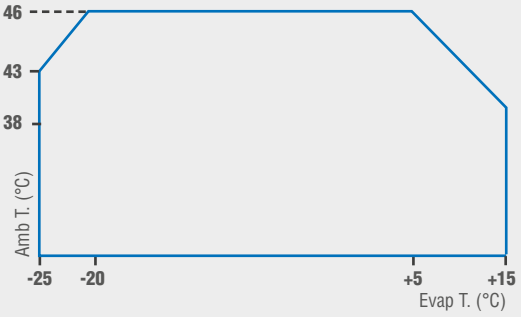
MHBP R513A R134a



MODEL NUMBER
SIL RG 4445 Y
SIL RG 4450 Y
SIL RG 4460 Y
SIL RG 4476 Y
SIL AE 4450 Y
SIL AJ 4461 Y
SIL AJ 4476 Y
SIL AJ 4492 Y
SIL AGD 4556 Y
SIL AGD 4568 Y
SIL AGD 4574 Y



MODEL NUMBER
SIL AJ 4511 Y
SIL FH 4518 Y
SIL AG 4528 Y
SIL AG 4534 Y
SIL AG 4537 Y
SIL AG 4543 Y
SIL AG 4547 Y
SIL AGD 4586 Y



MODEL NUMBER
SIL FH 4525 Y



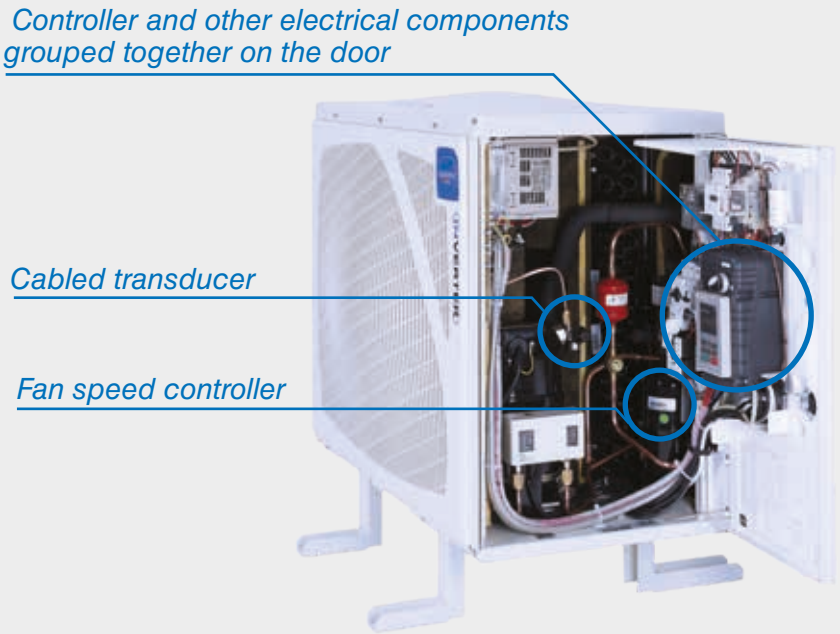


Plug & Play power variation

Acoustic level of the SILENSYS®

REGULATION OF THE REFRIGERATING SYSTEM:

- Dual control, inverter/pressure-actuated mode, ensuring continuity of the cold without additional wiring
- Variation of capacity thanks to a frequency variator
- Supply of 2 or 3 evaporators
- Energy efficiency: the capacity variation permits balanced energy and optimum efficiency: reduction of power consumption by up to 25%
- Precise regulation ensuring better temperature and humidity control





SILENSYS® INVERTER

MHBP

R452A

Silensys® Inverter

MODEL NUMBER	Freq.	REFRIGERATION OUTPUT 32° amb., 10K superheating, 3K subcooling, Mid/Mid Evaporation temperature (°C): -25°	-15°	-10°	-5°	0°	5°	15°	REFRIG. OUTPUT EN13215 Evap. T -35°C Perf. (W)	COP (W/W)	Aco. P db(A)	Air flow m3/h	Liq. Rec. Vol.	Diam. for tubing O.D. Suc.	Liqu. Line	Net/ Gross weight kg	No. Dim	Max. current according to voltage code TZ
SILAJV9513Z	60	986	1724	2176	2688	3261	3901	5308	2429	2.00	26	1650	1.50	5/8"	3/8"	93/110	S	4.8
	30	514	899	1135	1402	1702	2035	2818										
SILAJV4517Z	60	1061	1871	2336	2848	3413	4042	5697	2459	1.86	27	1650	2.35	5/8"	3/8"	92/110	S	5.1
	30	583	1049	1326	1636	1982	2370	3294										
SILFHV4524Z	60	1457	2717	3458	4280	5191	6199	8808	3624	1.80	35	2700	2.35	5/8"	1/2"	74/95	M	9.1
	30	800	1524	1968	2468	3025	3639	5060										
SILFHV4531Z	60	1982	3499	4353	5294	6342	7521	10701	4599	1.82	45	2700	3.90	7/8"	1/2"	78/93	M	10.4
	30	1097	1985	2512	3100	3755	4485	6214										
SILFHV4540Z	60	2680	4573	5627	6752	7951	9230	12442	5964	1.75*	40	2700	6.00	7/8"	1/2"	101/116	M	14.1
	30	1489	2612	3265	3985	4776	5646	7675										
SILAGV4546Z	60	2568	4798	6112	7558	9142	10872	15284	6403	1.83*	46	5940	6.00	7/8"	1/2"	133/148	L	14.6
	30	1412	2708	3508	4412	5426	6555	9213										
SILAGV4553Z	60	3098	5698	7212	8875	10694	12684	17773	7544	1.90*	47	5940	6.00	7/8"	5/8"	150/166	L	16.4
	30	1706	3219	4142	5182	6343	7635	10665										
SILAGV4568Z	60	4407	7529	9328	11302	13470	15858	22079	9842	2.01*	43	5940	6.00	1"1/8	5/8"	133/148	L	20.2
	30	2447	4294	5416	6678	8093	9673	13424										
SILSHV4610V	60	8936	13816	16615	19747	23866	25428	na	18252	2.45*	na	5000	12.00	1"3/8	7/8"	260/280	XL	20.0
	30	4964	7676	9231	10970	13259	14126											

Statement of the seasonal COP / na: not applicable

For information, the cooling capacity of fluids R449A and R448A: at the evaporation point To = -30°C, SH10K, apply the multiplier ratio 0.94 to the cooling capacities read with R404A.

MHBP

R404A

Silensys® Inverter

MODEL NUMBER	Freq.	REFRIGERATION OUTPUT 32° amb., 10K superheating, 3K subcooling Evaporation temperature (°C): -25°	-15°	-10°	-5°	0°	5°	15°	REFRIG. OUTPUT EN13215 Evap. T -10°C Perf. (W)	COP (W/W)	Aco. P db(A)	Air flow m3/h	Liq. Rec. Vol.	Diam. for tubing O.D. Suc.	Liqu. Line	Net/ Gross weight kg	No. Dim	Max. current according to voltage code TZ
SILAJV9513Z	60	959	1676	2107	2591	3129	3728	5141	2312	1.77	26	1650	1.50	5/8"	3/8"	93/110	S	4.8
	30	524	931	1184	1472	1797	2162	2973	1288	2.10								
SILAJV4517Z	60	1146	1940	2405	2924	3504	4156	5728	2648	1.61	27	1650	2.35	5/8"	3/8"	92/110	S	5.1
	30	629	1083	1358	1668	2016	2404	3264	1481	1.85								
SILFHV4524Z	60	1485	2705	3427	4233	5127	6122	8474	3787	1.59	35	2700	2.35	5/8"	1/2"	74/95	M	9.1
	30	815	1511	1943	2431	2975	3578	4883	2124	1.77								
SILFHV4531Z	60	2031	3493	4326	5246	6271	7424	10236	4795	1.61	45	2700	3.90	7/8"	1/2"	78/93	M	10.3
	30	1126	1975	2487	3059	3697	4406	5961	2722	1.96								
SILFHV4540Z	60	2717	4539	5574	6684	7868	9126	11915	6182	1.72	40	2700	3.90	7/8"	1/2"	95/116	M	10.4
	30	1506	2582	3220	3925	4698	5541	7329	3525	2.12								
SILAGV4546Z	60	2654	4846	6159	7607	9187	10899	14774	6804	2.46*	46	5940	6.00	7/8"	1/2"	133/148	L	14.6
	30	1458	2723	3518	4417	5421	6529	8916	3843									
SILAGV4553Z	60	3203	5731	7239	8907	10735	12732	17309	7981	2.57*	47	5940	6.00	7/8"	5/8"	150/166	L	16.4
	30	1762	3223	4138	5174	6331	7613	10390	4512									
SILAGV4568Z	60	4768	7516	9229	11152	13274	15590	20845	10214	2.77*	43	5940	6.00	1"1/8	5/8"	133/148	L	20.2
	30	2657	4278	5347	6573	7947	9462	12671	5841									
SILSHV4610Z	60	9469	14769	17352	19899	22425	24953	na	18303	3.63*	na	5000	12.00	1"3/8	7/8"	260/281	XL	20.0
	30	5214	8409	10342	12510	14919	17580	23262	10757									

Statement of the seasonal COP / na: not applicable



MHBP

R513A

Silensys® Inverter

MODEL NUMBER	Freq.	REFRIGERATION OUTPUT 32° amb., 10K superheating, 3K subcooling Evaporation temperature (°C):							REFRIG. OUTPUT EN13215 Evap. T -10°C		Aco. P db(A)	Air flow m3/h	Liq. Rec. Vol.	Diam. for tubing O.D.		Net/ Gross weight kg	No. Dim	Max. current according to voltage code
		-15°	-10°	-5°	0°	5°	10°	15°	Perf. (W)	COP (W/W)				Suc.	Liqu. Line			TZ
SILAJV4492Y	60	1095	1438	1825	2258	2743	3285	3886	1557	1.92	26	1650	1.50	1/2"	3/8"	90/107	S	3.1
	30	592	781	999	1246	1529	1850	2213	844	2.12								
SILAJV4511Y	60	1435	1819	2252	2734	3273	3870	4527	1974	1.74	27	1650	1.50	5/8"	3/8"	91/108	S	4.2
	30	784	1002	1253	1536	1856	2218	2621	1084	1.99								
SILFHV4518Y	60	2063	2641	3321	4113	5030	6088	7299	2867	1.77	33	2700	2.35	5/8"	3/8"	85/106	M	5.8
	30	1127	1458	1850	2311	2849	3470	4180	1575	1.98								
SILFHV4525Y	60	2822	3530	4329	5227	6241	7386	8678	3846	2.11	40	2700	2.35	5/8"	3/8"	71/92	M	8.5
	30	1559	1972	2446	2986	3603	4304	5099	2137	2.41								
SILAGV4534Y	60	3236	4364	5691	7178	8792	10502	12263	4738	2.01	40	2970	3.90	7/8"	1/2"	82/103	M	11.1
	30	1757	2393	3154	4023	4988	6031	7134	2588	2.36								
SILAGV4543Y	60	4030	5279	6829	8626	10630	12795	15068	5729	3.13*	40	2700	3.90	7/8"	1/2"	85/106	M	11.3
	30	2191	2897	3788	4842	6041	7366	8792	3133									

Statement of the seasonal COP



MHBP

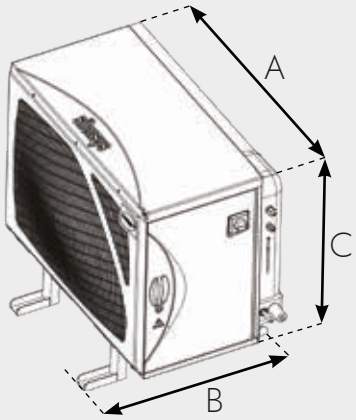
R134a

Silensys® Inverter

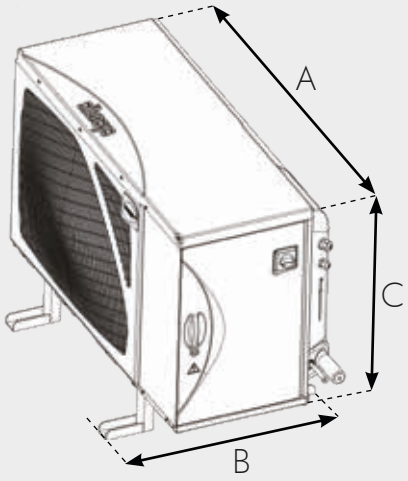
MODEL NUMBER	Freq.	PRODUCTION FRIGORIFIQUE 32° amb., 10K surchauffe, 3K sous-ref. Température d'évaporation (°C) :							REFRIG. OUTPUT EN13215 Evap. T -10°C		Aco. P db(A)	Air flow m3/h	Liq. Rec. Vol.	Diam. for tubing O.D.		Net/ Gross weight kg	No. Dim	Max. current according to voltage code
		-15°	-10°	-5°	0°	5°	10°	15°	Perf. (W)	COP (W/W)				Suc.	Liqu. Line			TZ
SILAJV4492Y	60	1015	1359	1747	2182	2666	3204	3798	1454	1.91	26	1650	1.50	1/2"	3/8"	90/107	S	3.1
	30	549	738	956	1204	1486	1804	2163	788	2.11								
SILAJV4511Y	60	1331	1719	2155	2642	3181	3774	4425	1843	1.73	27	1650	1.50	5/8"	3/8"	91/108	S	4.2
	30	727	947	1199	1484	1804	2163	2562	1012	1.98								
SILFHV4518Y	60	1913	2495	3179	3974	4889	5938	7134	2677	1.76	33	2700	2.35	5/8"	3/8"	85/106	M	5.8
	30	1045	1377	1771	2233	2769	3384	4086	1471	1.97								
SILFHV4525Y	60	2617	3335	4143	5050	6066	7204	8482	3591	2.10	40	2700	2.35	5/8"	3/8"	71/92	M	8.5
	30	1446	1863	2341	2885	3502	4198	4984	1995	2.40								
SILAGV4534Y	60	3001	4123	5447	6935	8546	10243	11986	4424	2.00	40	2970	3.90	7/8"	1/2"	82/103	M	11.1
	30	1629	2261	3019	3887	4848	5882	6973	2417	2.35								
SILAGV4543Y	60	3737	4987	6536	8334	10332	12479	14728	5349	3.11	40	2700	3.90	7/8"	1/2"	85/106	M	11.3
	30	2032	2737	3626	4678	5872	7184	8593	2925									

DIMENSIONS

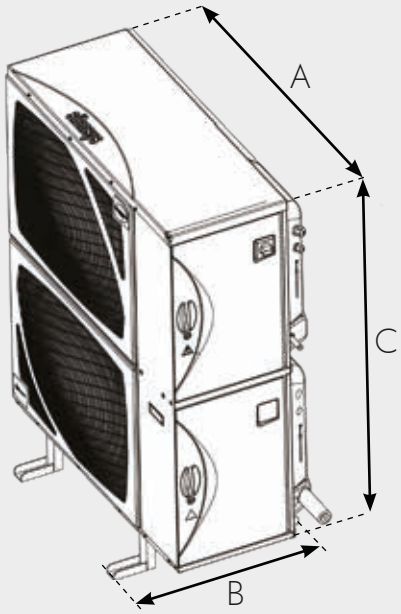
Silensys® Inverter



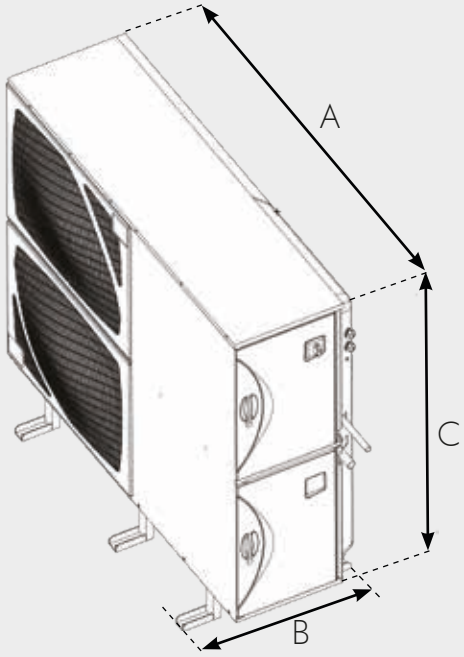
SIZE S



SIZE M



SIZE L



SIZE XL

		A	B	C
	S	942	654	837
	M	1174	654	837
	L	1209	654	1465
	XL	1666	654	1457