WITH MORE THAN 50 YEARS OF EXPERIENCE IN COMPRESSOR TECHNOLOGY AND HIGHLY COMMITTED EMPLOYEES, OUR FOCUS IS TO DEVELOP AND APPLY THE ADVANCED COMPRESSOR TECHNOLOGIES TO ACHIEVE STANDARD SETTING PERFORMANCE FOR LEADING PRODUCTS AND BUSINESSES AROUND THE WORLD.

COMPRESSORS FOR ICE CREAM CABINETS AND DISPLAY CABINETS

SECOP

Compressors for Display Cabinets • 220-240V / 50 Hz

Refrigerant	Compressor	Code number	Application	EN 12900 Capacity [W] Tc=45°C. Tliq=45°C. Tsuc=20°C Evaporating temperature [°C]						EN 12900 LBP rating point -25°C / 55°C		EN 12900 MBP rating point -10°C / 45°C		EN 12900 HBP rating point 5°C / 50°C		ASHRAE Capacity [W] Tc=54.4°C. Tliq=32.2°C. Tsuc=32.2°C Evaporating temperature [°C]					
				-35	-15	-5	0	10	15	Cooling capacity [W]	COP [W/W]	Cooling capacity [W]	COP [W/W]	Cooling capacity [W]	COP [W/W]	-35	-15	-5	0	10	15
R600a	HMK80AA	15950000	LBP	64	178					102	1.18	220	1.92			67	207				
	HMK95AA	15460700	LBP	68	218					125	1.20	268	2.04			81	253				
	HMK12AA	16236200	LBP	86	253					149	1.21	305	1.93			100	291				
	HXK70AA	15690400	LBP	56	156					88	1.47	192	2.36			57	181				
	HXK80AA	15621800	LBP	65	181					105	1.50	222	2.30			71	210				
	HXK95AA	15592900	LBP	79	221					129	1.51	270	2.31			89	255				
	HXK12AA	15593100	LBP	92	259					152	1.50	313	2.30			101	299				
	HTD30AA	16250500	LBP	17	70	107				34	1.17	87	2.12			17	76	120			
	HTD35AA	16250700	LBP	24	82	125				41	1.19	102	2.15			24	90	141			
	HTD40AA	16250900	LBP	30	96	146				50	1.22	120	2.19			31	106	165			
	HTD45AA	16251100	LBP	33	114	168				61	1.24	140	2.09			37	127	194			
	HTD55AA	16251300	LBP	47	135	201				76	1.27	166	2.07			49	154	231			
	HTD60AA	16255700	LBP	56	153	234				87	1.27	191	2.08			62	176	269			
	HXD30AA	16260300	LBP	17	70	107				34	1.32	87	2.38			17	76	120			
	HXD35AA	16260700	LBP	24	82	125				41	1.33	102	2.42			24	90	141			
	HXD40AA	16261700	LBP	30	96	146				50	1.36	120	2.44			31	106	165			
	HXD45AA	16261900	LBP	33	114	168				61	1.40	140	2.36			37	127	194			
	HXD55AA	16257500	LBP	47	135	201				76	1.44	166	2.37			49	154	231			
	HXD60AA	16302500	LBP	55	153					88	1.43	190	2.34			59	177				
R404A/R507	TL4DL	102U2038	M/HBP		199	301	370	530				243	1.14	395	1.38		227	363	455	672	
	NF7MLX	105F3721	MBP		539	811	974					666	1.34	1041	1.51		663	1031	1259		
	NL6.1MLX	105F3611	MBP		442	665	799					546	1.41	854	1.65		544	846	1032		
	FR6DL	103U2680	M/HBP		335	497	598	839				409	1.10	626	1.22		404	600	731	1059	
	SC10DL	104L2525	M/HBP		532	835	1021	1467	1725			673	1.33	1100	1.64		645	1053	1302	1919	2299
	SC12DL	104L2625	M/HBP		702	1104	1341	1897	2213			892	1.36	1441	1.70		866	1409	1731	2512	2989
	SC15DL	104L2856	M/HBP		840	1288	1564	2228	2611			1047	1.38	1682	1.71		1036	1643	2015	2933	3498
	SC15DLX.2	104L2871	M/HBP		857	1297	1563	2187	2542			1063	1.37	1669	1.70		1056	1648	2012	2912	3464
	SC10MLX	104L2506	MBP		599	907	1095					742	1.36	1162	1.64		723	1129	1382		
	SC12MLX	104L2606	MBP		730	1097	1321					900	1.38	1401	1.64		887	1371	1673		
	SC15MLX	104L2869	MBP		904	1358	1636					1114	1.36	1752	1.61		1119	1720	2105		
	SC18MLX	104L2139	MBP		1055	1581	1902					1299	1.43	2037	1.70		1307	2004	2450		
	SC18MLX.3	104L2146	MBP		1103	1637	1964					1351	1.46	2109	1.71		1386	2100	2556		
	SC10/10DL	104L4091	M/HBP		1064	1670	2042	2935	3450			1345	1.33	2199	1.64		1290	2105	2604	3838	4597
	SC12/12DL	104L4092	M/HBP		1404	2208	2682	3793	4426			1783	1.36	2883	1.70		1732	2817	3461	5024	5978
	SC15/15DL	104L4093	M/HBP		1680	2576	3128	4455	5222			2094	1.38	3364	1.71		2071	3286	4029	5865	6995
	GS21MLX	107B0502	MBP		1394	2164	2650					1748	1.81	2858	2.23		1711	2709	3358		
	GS26MLX	107B0503	MBP		1810	2764	3351					2254	1.86	3615	2.24		2243	3519	4325		
	GS34MLX	107B0504	MBP		2408	3575	4283					2953	1.71	4580	1.97		2998	4554	5527		
R290	TL3CN	102H4380	L/MBP	49	143	216	259			77	0.69	177	1.25	281	1.57	49	161	249	304		
	TL4CN	102H4490	L/MBP	70	183	267	317			108	0.82	222	1.30	344	1.63	76	212	316	380		
	TL5CN	102H4590	L/MBP	98	252	368	437			153	0.91	306	1.38	472	1.60	109	296	437	522		
	DLE4CN	102H4465	L/MBP	90	232	332	386			142	1.14	280	1.79	411	2.13	103	277	401	469		
	DLE4.8CN	102H4565	L/MBP	96	276	403	482			182	1.21	335	1.75	539	2.25	128	339	495	596		
	DLE5.7CN	102H4653	L/MBP	145	342	493	588			224	1.18	412	1.76	650	2.18	168	415	604	723		
	DLE6.5CN	102H4765	L/MBP	148	368	538	643			236	1.19	446	1.75	709	2.13	168	446	653	784		
	DLE7.5CN	102H4853	L/MBP	181	435	634	756			275	1.14	528	1.75	828	2.08	209	520	766	920		
	NL7CN	105H6756	L/MBP	149	407	600	716			242	1.04	498	1.63	782	1.90	175	475	713	860		
	NL9CN	105H6856	L/MBP	173	468	687	819			284	1.07	571	1.62	890	1.88	205	549	816	981		
	NLE8.8CN	105H6880	L/MBP	222	513	741	881	1219		322	1.22	619	1.80	964	2.20	236	612	895	1069	1499	
	NLE10CN	105H6175	L/MBP	246	595	864	1024	1396		363	1.14	721	1.73	1115	2.08	268	703	1039	1242	1724	
	NLE11CNL	105H6174	LBP	261	653	943				403	1.18	790	1.72			301	779	1145			
	SC10CNX	104H8065	L/MBP	161	472	716	862			263	0.98	586	1.54	953	2.02	176	548	854	1044		
	SC12CNX	104H8265	L/MBP	224	603	928	1138			351	1.01	751	1.57	1279	2.00	227	712	1112	1374		
	SC15CNX	104H8565	L/MBP	266	789	1174	1403			434	1.04	970	1.65	1549	1.93	252	919	1417	1719		
	SC18CNX	104H8865	L/MBP	305	919	1364	1628			534	1.05	1129	1.52	1806	1.72	316	1107	1686	2034		
	SC10MNX	104H8075	MBP		505	780	946					634	1.51	1043	2.04		576	922	1133		
	SC12MNX	104H8275	MBP		659	996	1198					817	1.57	1330	2.06		758	1196	1463		
	SC15MNX	104H8575	MBP		789	1168	1396					966	1.56	1512	1.96		968	1411	1681		
	SC18MNX	104H8875	MBP		921	1331	1583					1112	1.48	1747	1.85		1110	1624	1946		

ASHRAE						Motor type	Run capacitor (* optional)	Power	Displacement	Voltage and frequencies (* Dual frequencies 50/60Hz)	Compressor cooling (refer-data sheet)	Dimensions						alt. connectors available
LBP rating point -23.3°C / 54.4°C		MBP rating point -6.7°C / 54.4°C		HBP rating point 7.2°C / 54.4°C								Height [mm]		Connectors location/I.D. [mm]				
Cooling capacity	COP	Cooling capacity	COP	Cooling capacity	COP									Suction	Process	Dis-charge	Oil cooler	
[W]	[W/W]	[W]	[W/W]	[W]	[W/W]		µF	[HP]	[cm³]			A	B	C	D	E	F	
136	1.51					RSIR		1/8	8.10	187-264 V. 50 Hz	S	159	165.5	6.15	6.0 (O.D.)	5.15		X
168	1.55					RSIR		1/7	9.60	187-264 V. 50 Hz	S	167	173.5	6.15	6.0 (O.D.)	5.15		X
199	1.54					RSIR		1/5	11.10	187-264 V. 50 Hz	S	167	173.5	6.15	6.0 (O.D.)	5.15		X
119	1.88					RSCR	3	1/10	6.60	187-264 V. 50 Hz	S	167	173.5	6.15	6.0 (O.D.)	5.15		X
141	1.91					RSCR	3	1/8	8.10	187-264 V. 50 Hz	S	167	173.5	6.15	6.0 (O.D.)	5.15		X
172	1.92					RSCR	4	1/6	9.60	187-264 V. 50 Hz	S	167	173.5	6.15	6.0 (O.D.)	5.15		X
203	1.91					RSCR	4	1/5	11.10	187-264 V. 50 Hz	S	167	173.5	6.15	6.0 (O.D.)	5.15		X
46	1.53	101	2.18			RSIR/RSCR	1 *	1/25	3.00	187-264 V. 50 Hz	S	133		6.2	6.0 (O.D.)	5.0		
56	1.55	119	2.19			RSIR/RSCR	1.5 *	1/20	3.50	187-264 V. 50 Hz	S	133		6.2	6.0 (O.D.)	5.0		
68	1.58	140	2.24			RSIR/RSCR	2 *	1/10	4.00	187-264 V. 50 Hz	S	133		6.2	6.0 (O.D.)	5.0		
83	1.60	165	2.11			RSIR/RSCR	2 *	1/10	4.80	187-264 V. 50 Hz	S	133		6.2	6.0 (O.D.)	5.0		
103	1.63	197	2.18			RSIR/RSCR	2 *	1/10	5.50	187-264 V. 50 Hz	S	133		6.2	6.0 (O.D.)	5.0		
117	1.63	228	2.13			RSIR/RSCR	2 *	1/10	6.20	187-264 V. 50 Hz	S	133		6.2	6.0 (O.D.)	5.0		
46	1.72	101	2.43			RSCR	1	1/25	3.00	187-264 V. 50 Hz	S	133		6.2	6.0 (O.D.)	5.0		
56	1.73	119	2.44			RSCR	1.5	1/20	3.50	187-264 V. 50 Hz	S	133		6.2	6.0 (O.D.)	5.0		
68	1.76	140	2.46			RSCR	2	1/10	4.00	187-264 V. 50 Hz	S	133		6.2	6.0 (O.D.)	5.0		
83	1.80	165	2.38			RSCR	2	1/10	4.80	187-264 V. 50 Hz	S	133		6.2	6.0 (O.D.)	5.0		
103	1.85	197	2.49			RSCR	2	1/10	5.50	187-264 V. 50 Hz	S	133		6.2	6.0 (O.D.)	5.0		
117	1.83					RSCR	2	1/10	6.20	187-264 V. 50 Hz	S	133		6.2	6.0 (O.D.)	5.0		
		293	1.30	531	1.88	CSIR		1/6	3.86	198-254 V. 50 Hz	F2	173	169	6.2	6.2	5.0		
427	1.16	842	1.61	1441	2.12	CSIR		1/2	7.27	187-254 V. 60 Hz *	F2	203	197	9.7	6.5	6.5		X
350	1.24	690	1.67	1182	2.29	CSIR		1/3	6.13	187-254 V. 60 Hz *	F2	203	197	8.2	6.5	6.5		
		491	1.24	838	1.63	CSIR		1/4	6.23	198-254 V. 50 Hz	F2	196	191	8.2	6.2	6.2		
		854	1.56	1512	2.24	CSIR		1/2	10.29	198-254 V. 50 Hz	F2	209	203	8.2	6.2	6.2		X
		1145	1.62	1987	2.35	CSIR		3/4	12.87	198-254 V. 50 Hz	F2	219	213	10.2	6.2	6.2		X
		1338	1.61	2317	2.34	CSR	10	3/4	15.28	198-254 V. 50 Hz	F2	219	213	10.2	6.2	6.2		X
		1344	1.65	2304	2.36	CSIR		3/4	15.28	198-254 V. 50 Hz	F2	219	213	10.2	6.2	8.2		
		920	1.59	1588	2.27	CSIR		1/2	10.29	187-254 V. 50 Hz *	F2	209	203	8.2	6.5	6.5		
585	1.15	1119	1.61	1916	2.26	CSIR		3/4	12.87	187-254 V. 50 Hz *	F2	219	213	8.2	6.5	6.5		
763	1.20	1403	1.61	2425	2.24	CSIR		3/4	15.28	198-254 V. 50 Hz	F2	219	213	10.2	6.2	6.2		
895	1.27	1636	1.70	2820	2.36	CSR	10	1	17.69	198-254 V. 50 Hz	F2	219	213	10.2	6.2	6.2		
960	1.34	1717	1.73	2928	2.37	CSR	10	1	17.68	198-254 V. 50 Hz	F2	219	213	10.2	6.2	6.2		
		1708	1.56	3023	2.24	CSIR		1	20.58	198-254 V. 50 Hz	F2	249	244	12.0	6.2	6.2		
		2290	1.63	3974	2.35	CSIR		1 1/4	25.74	198-254 V. 50 Hz	F2	259	254	12.0	6.2	6.2		
		2676	1.61	4633	2.33	CSR	10	1 1/2	30.56	198-254 V. 50 Hz	F2	259	254	16.0	6.2	6.2		
		2200	2.12	3954	3.09	CSR	20	1 1/4	21.20	198-254 V. 50 Hz	F2	259	247	16.1	6.5	9.7		
		2866	2.20	5027	3.12	CSR	20	1 1/2	26.30	198-254 V. 50 Hz	F2	279	267	16.1	6.5	9.7		
		3726	2.03	6330	2.74	CSR	20	1 3/4	33.80	198-254 V. 50 Hz	F2	279	267	16.1	6.5	9.7		
105	0.91	212	1.42			RSIR/CSIR		1/10	3.13	198-254 V. 50 Hz	F1	163	159	6.2	6.2	5.0		
146	1.07	270	1.51			RSIR/CSIR		1/8	3.86	198-254 V. 50 Hz	F1	173	169	6.2	6.2	5.0		
205	1.18	374	1.58			RSIR/CSIR/RSCR	*	1/5	5.08	198-254 V. 50 Hz	F1	173	169	6.2	6.2	5.0		X
191	1.48	345	2.03	522	2.69	CSIR/RSIR/RSCR	*	1/6	4.00	198-254 V, 50 Hz	F2	175	169	6.2	6.2	5.0		
243	1.56	423	2.04	708	2.91	CSIR/RSIR/RSCR	*	1/4	4.80	198-254 V, 50 Hz	F2	175	169	8.2	6.2	6.2		
298	1.53	517	2.03	850	2.80	CSIR/RSIR/RSCR	*	1/4	5.70	198-254 V, 50 Hz	F2	175	169	8.2	6.2	6.2		X
316	1.53	559	1.98	921	2.71	CSIR/RSIR/RSCR	*	1/3	6.50	198-254 V, 50 Hz	F2	175	169	8.2	6.2	6.2		
367	1.47	656	1.97	1077	2.65	CSIR/RSIR/RSCR	*	1/3	7.48	198-254 V, 50 Hz	F2	175	169	8.2	6.2	6.2		X
326	1.35	609	1.87			RSIR/RSCR/CSIR	*	1/3	7.27	198-254 V. 50 Hz	F1	203	197	8.2	6.2	6.2		X
380	1.39	698	1.86			RSIR/RSCR/CSIR	*	1/3	8.35	198-254 V. 50 Hz	F1	203	197	8.2	6.2	6.2		X
431	1.57	766	2.04	1246	2.78	CSIR/RSIR		1/2	8.76	198-254 V. 50 Hz	F2	203	197	8.2	6.2	6.2		
487	1.47	889	1.95	1439	2.62	CSIR/RSIR		1/2	10.09	198-254 V. 50 Hz	F2	203	197	8.2	6.2	6.2		
541	1.52	981	1.98			CSIR/RSIR		1/2	11.15	198-254 V. 50 Hz	F2	203	197	8.2	6.2	6.2		
359	1.27	725	1.84			CSR	5	1/3	10.29	198-254 V. 50 Hz	F2	209	203	8.2	6.2	6.2		
475	1.31	941	1.85			CSR	5	1/2	12.87	198-254 V. 50 Hz	F2	209	203	8.2	6.2	6.2		
597	1.36	1206	1.89			CSR	10	1/2	15.28	198-254 V. 50 Hz	F2	209	203	10.2	6.2	6.2		
728	1.36	1438	1.80			CSR	10	3/4	17.69	198-254 V. 50 Hz	F2	209	203	10.2	6.2	6.2		
352	1.20	781	1.75	1357	2.66	CSIR		1/2	10.29	198-254 V. 50 Hz	F2	209	203	8.2	6.2	6.2		
475	1.13	1015	1.83	1744	2.71	CSIR		1/2	12.87	198-254 V. 50 Hz	F2	219	213	8.2	6.2	6.2		
681	1.51	1210	1.80	1948	2.48	CSIR		3/4	15.28	198-254 V. 50 Hz	F2	219	213	8.2	6.2	6.2		
778	1.31	1391	1.76	2284	2.41	CSIR		3/4	17.69	198-254 V. 50 Hz	F2	219	213	10.2	6.2	6.2		

Compressors for Display Cabinets • 220-240 V / 50 Hz / 60 Hz • 115 V / 60 Hz

Refrigerant	Compressor	Code number	Application	EN 12900 Capacity [W] Tc=45°C, Tliq=45°C, Tsuc=20°C Evaporating temperature [°C]						EN 12900 LBP rating point -25°C / 55°C		EN 12900 MBP rating point -10°C / 45°C		EN 12900 HBP rating point 5°C / 50°C		ASHRAE Capacity [W] Tc=54.4°C, Tliq=32.2°C, Tsuc=32.2°C Evaporating temperature [°C]					
				-35	-15	-5	0	10	15	Cooling capacity [W]	COP [W/W]	Cooling capacity [W]	COP [W/W]	Cooling capacity [W]	COP [W/W]	-35	-15	-5	0	10	15
R407C	SC10DL	104L2525	M/HBP		532	835	1021	1467	1725			673	1.33	1100	1.64		645	1053	1302	1919	2299
	SC12DL	104L2625	M/HBP		702	1104	1341	1897	2213			892	1.36	1441	1.70		866	1409	1731	2512	2989
	SC15DL	104L2856	M/HBP		840	1288	1564	2228	2611			1047	1.38	1682	1.71		1036	1643	2015	2933	3498
	SC10/10DL	104L4091	M/HBP		1064	1670	2042	2935	3450			1345	1.33	2199	1.64		1290	2105	2604	3838	4597
	SC12/12DL	104L4092	M/HBP		1404	2208	2682	3793	4426			1783	1.36	2883	1.70		1732	2817	3461	5024	5978
	SC15/15DL	104L4093	M/HBP		1680	2576	3128	4455	5222			2094	1.38	3364	1.71		2071	3286	4029	5865	6995
R134a	TL2.5G	102G4251	L/M/HBP	24	91	146	182	268	320	42	0.62	116	1.19	202	1.51	18	100	167	210	317	383
R404A/R507	NF7MLX	105F3721	MBP		539	811	974					666	1.34	1041	1.51		663	1031	1259		
	NL6.1MLX	105F3611	MBP		442	665	799					546	1.41	854	1.65		544	846	1032		
	SC10CLX	104L2533	L/MBP	197	643					340	0.81	786	1.20			156	817				
	SC10MLX	104L2506	MBP		711	1075	1294			348	0.80	881	1.37	1371	1.52		843	1334	1637		
	SC12MLX	104L2606	MBP		845	1264	1516			430	0.83	1040	1.35	1605	1.49		1011	1576	1925		
	SC18MLX	104L2138	MBP		1230	1817	2175					1502	1.26	2337	1.47		1523	2331	2843		
	SC15MLX.2	104L2803	MBP		998	1499	1805					1230	1.36	1934	1.62		1235	1898	2323		

Refrigerant	Compressor	Code number	Application	EN 12900 Capacity [W] Tc=45°C, Tliq=45°C, Tsuc=20°C Evaporating temperature [°C]						EN 12900 LBP rating point -25°C / 55°C		EN 12900 MBP rating point -10°C / 45°C		EN 12900 HBP rating point 5°C / 50°C		ASHRAE Capacity [W] Tc=54.4°C, Tliq=32.2°C, Tsuc=32.2°C Evaporating temperature [°C]					
				-35	-15	-5	0	10	15	Cooling capacity [W]	COP [W/W]	Cooling capacity [W]	COP [W/W]	Cooling capacity [W]	COP [W/W]	-35	-15	-5	0	10	15
R404A/R507	TF4CLX	102U2102	L/MBP	89	248	368	440			139	0.79	305	1.21	470	1.23	100	311	475	576		
	NF5.5CLX	105F1621	L/MBP	167	431	628	745			248	0.87	524	1.30	799	1.43	192	539	814	984		
	NF7CLX	105F1721	L/MBP	203	543	797	947			306	0.87	662	1.33	1017	1.47	228	675	1029	1248		
	SC10CL	104L1503	L/MBP	152	635	990	1201			270	0.68	802	1.29	1262	1.50	130	701	1157	1442		
	SC12MLX	104L1606	MBP		852	1280	1542					1051	1.30	1661	1.52		1042	1631	2003		
	SC15MLX	104L1805	MBP		984	1478	1780					1213	1.22	1918	1.42		1203	1883	2313		
	SC18MLX	104L2105	MBP		1230	1817	2175					1502	1.26	2337	1.47		1523	2331	2843		
	SC15MLX.2	104L1807	MBP		999	1480	1772					1222	1.30	1905	1.49		1236	1897	2315		
R290	TL4.0CNX.2	102H3490	L/MBP	100	260	388	467			157	0.97	319	1.57	517	2.07	107	310	467	566		
	TL4.8CNX.2	102H3590	L/MBP	126	316	461	547			195	1.03	384	1.57	601	1.96	137	380	560	668		
	NL7.3CNX.2	105H6790	L/MBP	203	513	757	901			315	1.11	627	1.71	990	2.16	244	612	917	1103		
	NL8.4CNX.2	105H6090	L/MBP	235	591	863	1028			363	1.14	717	1.71	1127	2.10	267	699	1038	1249		
	SC10CNX.2	104H7070	L/MBP	187	633	966	1165			320	0.87	789	1.61	1298	2.26	156	728	1163	1428		
	SC12CNX.2	104H7270	L/MBP	276	784	1162	1388			449	0.98	961	1.65	1542	2.11	282	930	1423	1723		

ASHRAE						Motor type	Run capacitor (* optional)	Power	Displacement	Voltage and frequencies (* Dual frequencies 50/60Hz)	Compressor cooling (refer to data sheet)	Dimensions						alt. connectors available
LBP rating point -23.3°C / 54.4°C		MBP rating point -6.7°C / 54.4°C		HBP rating point 7.2°C / 54.4°C								Height [mm]		Connectors location/I.D. [mm]				
Cooling capacity	COP	Cooling capacity	COP	Cooling capacity	COP									Suction	Process	Dis-charge	Oil cooler	
[W]	[W/W]	[W]	[W/W]	[W]	[W/W]		µF	[HP]	[cm³]			A	B	C	D	E	F	
		854	1.56	1512	2.24	CSIR		1/2	10.29	198-254 V, 50 Hz	F2	209	203	8.2	6.2	6.2		X
		1145	1.62	1987	2.35	CSIR		3/4	12.87	198-254 V, 50 Hz	F2	219	213	10.2	6.2	6.2		X
		1338	1.61	2317	2.34	CSR	10	3/4	15.28	198-254 V, 50 Hz	F2	219	213	10.2	6.2	6.2		X
		1708	1.56	3023	2.24	CSIR		1	20.58	198-254 V, 50 Hz	F2	249	244	12.0	6.2	6.2		
		2290	1.63	3974	2.35	CSIR		1 1/4	25.74	198-254 V, 50 Hz	F2	259	254	12.0	6.2	6.2		
		2676	1.61	4633	2.33	CSR	10	1 1/2	30.56	198-254 V, 50 Hz	F2	259	254	16.0	6.2	6.2		
60	0.85	140	1.37	258	1.92	RSIR/CSIR		1/10	2.61	198-254 V, 60 Hz *	S	163	159	6.2	6.2	5.0		X
427	1.16	842	1.61	1441	2.12	CSIR		1/2	7.27	187-254 V, 60 Hz *	F2	203	197	9.7	6.5	6.5		X
350	1.24	690	1.67	1182	2.29	CSIR		1/3	6.13	187-254 V, 60 Hz *	F2	203	197	8.2	6.5	6.5		
518	1.16					CSIR		1/2	10.29	198-254 V, 60 Hz *	F2	209	203	8.2	6.2	6.2		X
531	1.15	1086	1.58	1884	2.09	CSIR		3/4	10.29	187-254 V, 60 Hz *	F2	209	203	8.2	6.5	6.5		
651	1.18	1285	1.57	2206	2.05	CSIR		3/4	12.87	187-254 V, 60 Hz *	F2	219	213	8.2	6.5	6.5		
1034	1.18	1904	1.52	3259	2.07	CSR	10	1	17.69	187-254 V, 60 Hz	F2	219	213	9.7	6.5	6.5		
842	1.20	1549	1.61	2677	2.24	CSR	15	3/4	15.28	187-254 V, 60 Hz	F2	219	213	10.2	6.5	6.5		

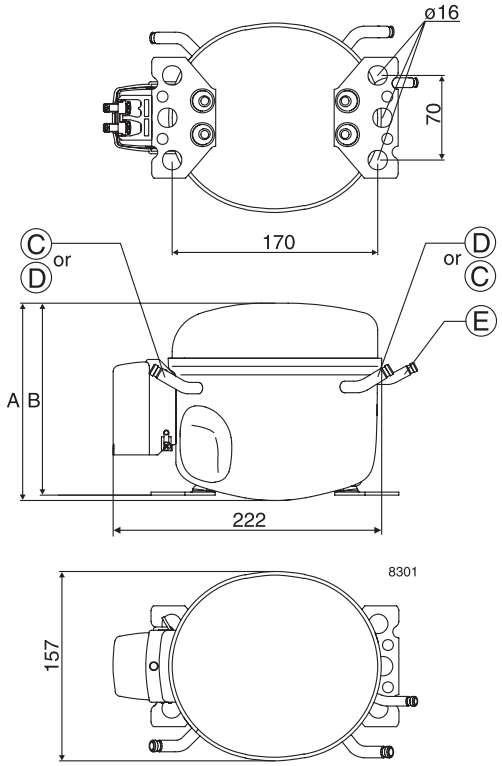
ASHRAE						Motor type	Run capacitor (* optional)	Power	Displacement	Voltage and frequencies (* Dual frequencies)	Compressor cooling (refer to data sheet)	Dimensions						alt. connectors available
LBP rating point -23.3°C / 54.4°C		MBP rating point -6.7°C / 54.4°C		HBP rating point 7.2°C / 54.4°C								Height [mm]		Connectors location/I.D. [mm]				
Cooling capacity	COP	Cooling capacity	COP	Cooling capacity	COP									Suction	Process	Dis-charge	Oil cooler	
[W]	[W/W]	[W]	[W/W]	[W]	[W/W]		µF	[HP]	[cm³]			A	B	C	D	E	F	
207	1.13	389	1.44	654	1.72	CSIR		1/5	3.86	103-135 V, 60 Hz	F2	173	169	6.5	6.5	5.0		
367	1.23	667	1.58	1113	2.02	CSIR		1/3	6.13	95-135 V, 60 Hz	F2	203	197	8.2	6.5	6.5		X
453	1.23	841	1.61	1417	2.08	CSIR		1/2	7.27	95-135 V, 60 Hz	F2	197	191	8.2	6.5	6.5		X
418	0.99	936	1.47	1690	2.05	CSIR		1/2	10.29	103-127 V, 60 Hz	F2	209	203	8.2	6.5	6.5		X
686	1.18	1328	1.56	2315	2.12	CSIR		3/4	12.87	95-135 V, 60 Hz	F2	219	213	8.2	6.5	6.5		
792	1.10	1533	1.45	2673	1.98	CSIR/CSR	*	3/4	15.28	95-135 V, 60 Hz	F2	219	213	9.7	6.5	6.5		
1034	1.18	1904	1.52	3259	2.07	CSR	23.5	1	17.69	103-127 V, 60 Hz	F2	219	213	9.7	6.5	6.5		
836	1.23	1548	1.55	2656	2.09	CSR	23.5	3/4	15.28	103-127 V, 60 Hz	F2	219	213	9.7	6.5	6.5		
212	1.27	399	1.85	671	2.69	CSIR		1/5	4.01	95-135 V, 60 Hz	F2	173	169	6.5	6.5	5.0		
263	1.34	479	1.86	772	2.52	CSIR		1/4	4.78	95-135 V, 60 Hz	F2	173	169	6.5	6.5	5.0		
422	1.44	783	2.02	1288	2.81	CSIR		1/2	7.27	95-135 V, 60 Hz	F2	203	197	8.2	6.5	6.5		
487	1.47	887	1.98	1467	2.72	CSIR		1/2	8.35	95-135 V, 60 Hz	F2	203	197	8.2	6.5	6.5		
449	1.17	985	1.93			CSIR		1/2	10.29	95-135 V, 60 Hz	F2	209	203	9.7	6.5	6.5		
614	1.29	1212	1.93			CSIR		3/4	12.87	95-135 V, 60 Hz	F2	209	203	9.7	6.5	6.5		

Compressors for Ice Cream Cabinets • 220-240V / 50 Hz / 60 Hz

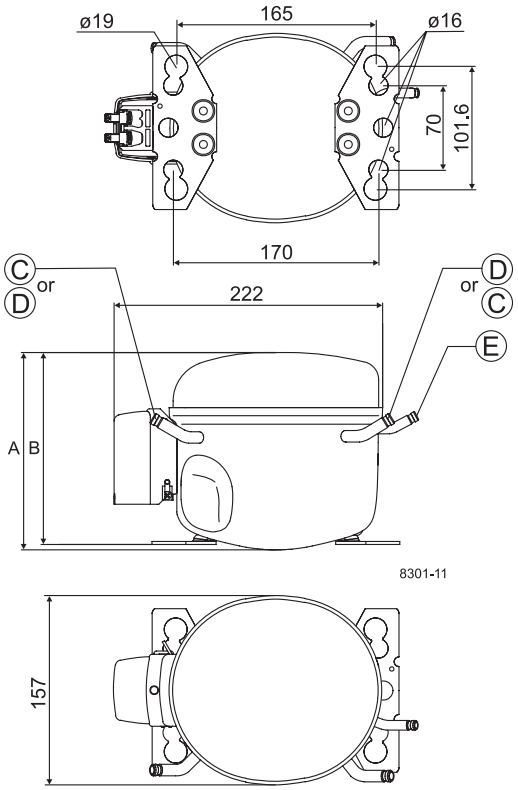
Refrigerant	Compressor	Code number	Application	EN 12900 Capacity [W] Tc=45°C, Tliq=45°C, Tsuc=20°C Evaporating temperature [°C]						EN 12900						ASHRAE Capacity [W] Tc=54.4°C, Tliq=32.2°C, Tsuc=32.2°C Evaporating temperature [°C]					
										LBP rating point -25°C / 55°C		MBP rating point -10°C / 45°C		HBP rating point 5°C / 50°C							
				-35	-15	-5	0	10	15	Cooling capacity [W]	COP [W/W]	Cooling capacity [W]	COP [W/W]	Cooling capacity [W]	COP [W/W]	-35	-15	-5	0	10	15
R404A/R507	TL4.5CLX	102U2111	LBP	93	256					133	0.74	318	1.19			102	302				
	NL7CLX	105F3710	LBP	175	467	686				263	0.93	570	1.42			201	577	878			
	NL8.4CLX	105F3800	LBP	191	508	747				286	0.90	620	1.37			218	627	955			
	SC10CL	104L2523	LBP	148	552	855				261	0.79	694	1.24			132	664	1080			
	SC12CL	104L2623	LBP	209	727	1114				334	0.75	909	1.32			165	859	1399			
	SC10CLX	104L2533	L/MBP	146	545	843	1020			258	0.77	685	1.28	1096	1.53	130	655	1065	1318		
	SC12CLX.2	104L2697	LBP	259	726					398	0.80	890	1.28			278	900				
	SC15CLX.2	104L2896	LBP	316	886					486	0.83	1086	1.32			339	1098				
	SC18CLX.2	104L2197	LBP	386	1085					595	0.84	1329	1.33			415	1345				
	SLV12CLK.2 2000 rpm	104L2603	LBP	173	498					270	0.83	612	1.42			179	624				
	SLV12CLK.2 2500 rpm	104L2603	LBP	214	647					337	0.89	790	1.45			201	805				
	SLV12CLK.2 3000 rpm	104L2603	LBP	249	780					395	0.93	948	1.47			217	965				
	SLV12CLK.2 4000 rpm	104L2603	LBP	326	970					569	0.94	1162	1.51			335	1228				
R290	TL3CN	102H4380	L/MBP	49	143	216	259			77	0.69	177	1.25	281	1.57	49	161	249	304		
	TL4CN	102H4490	L/MBP	70	183	267	317			108	0.82	222	1.30	344	1.63	76	212	316	380		
	TL5CN	102H4590	L/MBP	98	252	368	437			153	0.91	306	1.38	472	1.60	109	296	437	522		
	DLE4CN	102H4465	L/MBP	90	232	332	386			142	1.14	280	1.79	411	2.13	103	277	401	469		
	DLE4.8CN	102H4565	L/MBP	96	276	403	482			182	1.21	335	1.75	539	2.25	128	339	495	596		
	DLE5.7CN	102H4653	L/MBP	145	342	493	588			224	1.18	412	1.76	650	2.18	168	415	604	723		
	DLE6.5CN	102H4765	L/MBP	148	368	538	643			236	1.19	446	1.75	709	2.13	168	446	653	784		
	DLE7.5CN	102H4853	L/MBP	181	435	634	756			275	1.14	528	1.75	828	2.08	209	520	766	920		
	NL7CN	105H6756	L/MBP	149	407	600	716			242	1.04	498	1.63	782	1.90	175	475	713	860		
	NL9CN	105H6856	L/MBP	173	468	687	819			284	1.07	571	1.62	890	1.88	205	549	816	981		
	NLE8.8CN	105H6880	L/MBP	222	513	741	881	1219		322	1.22	619	1.80	964	2.20	236	612	895	1069	1499	
	NLE10CN	105H6175	L/MBP	246	595	864	1024	1396		363	1.14	721	1.73	1115	2.08	268	703	1039	1242	1724	
	NLE11CNL	105H6174	LBP	261	653	943				403	1.18	790	1.72			301	779	1145			
	SC10CNX	104H8065	L/MBP	161	472	716	862			263	0.98	586	1.54	953	2.02	176	548	854	1044		
	SC12CNX	104H8265	L/MBP	224	603	928	1138			351	1.01	751	1.57	1279	2.00	227	712	1112	1374		
	SC15CNX	104H8565	L/MBP	266	789	1174	1403			434	1.04	970	1.65	1549	1.93	252	919	1417	1719		
	SC18CNX	104H8865	L/MBP	305	919	1364	1628			534	1.05	1129	1.52	1806	1.72	316	1107	1686	2034		
	SC12CNX.2	104H8266	LBP	231	645					359	0.91	794	1.50			231	743				
	SC15CNX.2	104H8566	LBP	298	800					464	1.02	993	1.55			346	929				
	SC18CNX.2	104H8866	LBP	344	940					587	1.00	1130	1.58			343	1195				
	SLV15CNK.2 2000 rpm	104H8541	LBP	212	567					329	1.01	697	1.65			232	665				
	SLV15CNK.2 2500 rpm	104H8541	LBP	266	716					418	1.10	878	1.69			291	842				
	SLV15CNK.2 3000 rpm	104H8541	LBP	317	837					502	1.11	1021	1.70			360	981				
	SLV15CNK.2 4000 rpm	104H8541	LBP	413	1093					657	1.10	1325	1.64			439	1299				
R404A/R507	SC10CLX	104L2533	L/MBP	197	643					340	0.81	786	1.20			156	817				
	SC12CLX	104L2695	LBP	248	847					462	0.86	1041	1.26			226	1098				
	SC15CLX	104L2854	LBP	309	1009					508	0.86	1229	1.35			235	1215				
	SC12CLX.2	104L2697	LBP	302	881					473	0.84	1083	1.32			317	1087				
	SC12CLX.2	104L2699	LBP	302	881					473	0.88	1083	1.46			317	1087				
	SC15CLX.2	104L2897	LBP	385	1080					592	0.93	1323	1.48			414	1339				
	SC18CLX.2	104L2195	LBP	478	1228					764	1.00	1482	1.42			521	1556				

ASHRAE						Motor type	Run capacitor (* optional)	Power	Displacement	Voltage and frequencies (* Dual frequencies 50/60Hz)	Compressor cooling (refer to data sheet)	Dimensions						
LBP rating point -23.3°C / 54.4°C		MBP rating point -6.7°C / 54.4°C		HBP rating point 7.2°C / 54.4°C								Height [mm]		Connectors location/I.D. [mm]				alt. connectors available
Cooling capacity	COP	Cooling capacity	COP	Cooling capacity	COP									Suction	Process	Dis-charge	Oil cooler	
[W]	[W/W]	[W]	[W/W]	[W]	[W/W]		µF	[HP]	[cm³]			A	B	C	D	E	F	
198	1.05					CSIR		1/6	4.63	198-254 V, 50 Hz	F2	173	169	6.2	6.2	5.0		
389	1.32	718	1.65			CSIR		1/3	7.27	198-254 V, 50 Hz	F2	203	197	8.2	6.2	6.2		X
423	1.28	781	1.60			CSIR		1/2	7.27	198-254 V, 50 Hz	F2	203	197	8.2	6.2	6.2		
402	1.13	876	1.50			CSIR		1/2	10.29	198-254 V, 50 Hz	F2	209	203	8.2	6.2	6.2		X
517	1.10	1135	1.55			CSIR		1/2	12.87	198-254 V, 50 Hz	F2	209	203	8.2	6.2	6.2		X
397	1.11	864	1.56			CSIR		1/3	10.29	198-254 V, 50 Hz *	F2	209	203	8.2	6.2	6.2		X
594	1.15					CSIR		1/2	12.87	198-254 V, 50 Hz *	F2	219	213	8.2	6.2	6.2		X
725	1.18					CSIR		3/4	15.28	198-254 V, 50 Hz	F2	219	213	10.2	6.2	6.2		X
887	1.20					CSIR		3/4	17.69	198-254 V, 50 Hz	F2	219	213	10.2	6.2	6.2		X
405	1.19					DC/PM		1/2	12.87	180-254 V, 50 Hz *	F2	199	193	10.2	6.2	6.2		
512	1.27					DC/PM		1/2	12.87	180-254 V, 50 Hz *	F2	199	193	10.2	6.2	6.2		
605	1.32					DC/PM		3/4	12.87	180-254 V, 50 Hz *	F2	199	193	10.2	6.2	6.2		
844	1.33					DC/PM		3/4	12.87	180-254 V, 50 Hz *	F2	199	193	10.2	6.2	6.2		
105	0.91	212	1.42			RSIR/CSIR		1/10	3.13	198-254 V, 50 Hz	F1	163	159	6.2	6.2	5.0		
146	1.07	270	1.51			RSIR/CSIR		1/8	3.86	198-254 V, 50 Hz	F1	173	169	6.2	6.2	5.0		
205	1.18	374	1.58			RSIR/CSIR/RSCR	*	1/5	5.08	198-254 V, 50 Hz	F1	173	169	6.2	6.2	5.0		X
191	1.48	345	2.03	522	2.69	CSIR/RSIR/RSCR	*	1/6	4.00	198-254 V, 50 Hz	F2	175	169	6.2	6.2	5.0		
243	1.56	423	2.04	708	2.91	CSIR/RSIR/RSCR	*	1/4	4.80	198-254 V, 50 Hz	F2	175	169	8.2	6.2	6.2		
298	1.53	517	2.03	850	2.80	CSIR/RSIR/RSCR	*	1/4	5.70	198-254 V, 50 Hz	F2	175	169	8.2	6.2	6.2		X
316	1.53	559	1.98	921	2.71	CSIR/RSIR/RSCR	*	1/3	6.50	198-254 V, 50 Hz	F2	175	169	8.2	6.2	6.2		
367	1.47	656	1.97	1077	2.65	CSIR/RSIR/RSCR	*	1/3	7.48	198-254 V, 50 Hz	F2	175	169	8.2	6.2	6.2		X
326	1.35	609	1.87			RSIR/RSCR/CSIR	*	1/3	7.27	198-254 V, 50 Hz	F1	203	197	8.2	6.2	6.2		X
380	1.39	698	1.86			RSIR/RSCR/CSIR	*	1/3	8.35	198-254 V, 50 Hz	F1	203	197	8.2	6.2	6.2		X
431	1.57	766	2.04	1246	2.78	CSIR/RSIR		1/2	8.76	198-254 V, 50 Hz	F2	203	197	8.2	6.2	6.2		
487	1.47	889	1.95	1439	2.62	CSIR/RSIR		1/2	10.09	198-254 V, 50 Hz	F2	203	197	8.2	6.2	6.2		
541	1.52	981	1.98			CSIR/RSIR		1/2	11.15	198-254 V, 50 Hz	F2	203	197	8.2	6.2	6.2		
359	1.27	725	1.84			CSR	5	1/3	10.29	198-254 V, 50 Hz	F2	209	203	8.2	6.2	6.2		
475	1.31	941	1.85			CSR	5	1/2	12.87	198-254 V, 50 Hz	F2	209	203	8.2	6.2	6.2		
597	1.36	1206	1.89			CSR	10	1/2	15.28	198-254 V, 50 Hz	F2	209	203	10.2	6.2	6.2		
728	1.36	1438	1.80			CSR	10	3/4	17.69	198-254 V, 50 Hz	F2	209	203	10.2	6.2	6.2		
491	1.20					CSIR		1/2	12.87	198-254 V, 50 Hz	F2	209	203	8.2	6.2	6.2		
625	1.32					CSIR		3/4	15.28	198-254 V, 50 Hz	F2	209	203	8.2	6.2	6.2		
798	1.31					CSIR		3/4	17.69	198-254 V, 50 Hz	F2	219	213	10.2	6.2	6.2		
446	1.32					DC/PM		1/2	15.28	180-254 V, 50 Hz *	F2	199	193	10.2	6.2	6.2		
566	1.43					DC/PM		1/2	15.28	180-254 V, 50 Hz *	F2	199	193	10.2	6.2	6.2		
675	1.44					DC/PM		3/4	15.28	180-254 V, 50 Hz *	F2	199	193	10.2	6.2	6.2		
889	1.42					DC/PM		3/4	15.28	180-254 V, 50 Hz *	F2	199	193	10.2	6.2	6.2		
518	1.16					CSIR		1/2	10.29	198-254 V, 60 Hz *	F2	209	203	8.2	6.2	6.2		X
699	1.23					CSIR		3/4	12.87	198-254 V, 60 Hz	F2	219	213	8.2	6.2	6.2		X
775	1.23					CSR	10	3/4	15.28	198-254 V, 60 Hz	F2	219	213	10.2	6.2	6.2		
708	1.20					CSIR		1/2	12.87	198-254 V, 50 Hz *	F2	219	213	8.2	6.2	6.2		X
708	1.27					CSR	10	3/4	12.87	187-254 V, 60 Hz	F2	219	213	9.7	6.5	6.5		X
883	1.33					CSR	10	3/4	15.28	187-254 V, 60 Hz	F2	219	213	9.7	6.5	6.5		X
1115	1.40					CSR	10	1	17.69	187-254 V, 60 Hz	F2	219	213	9.7	6.5	6.5		X

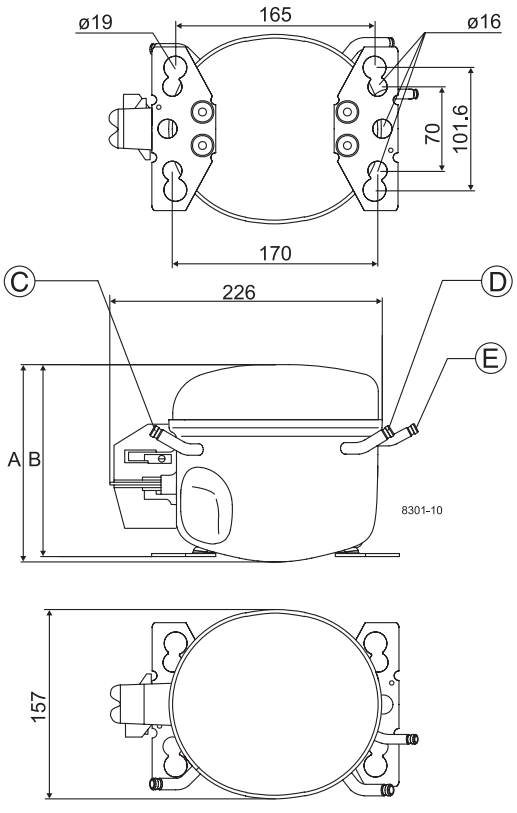
TL



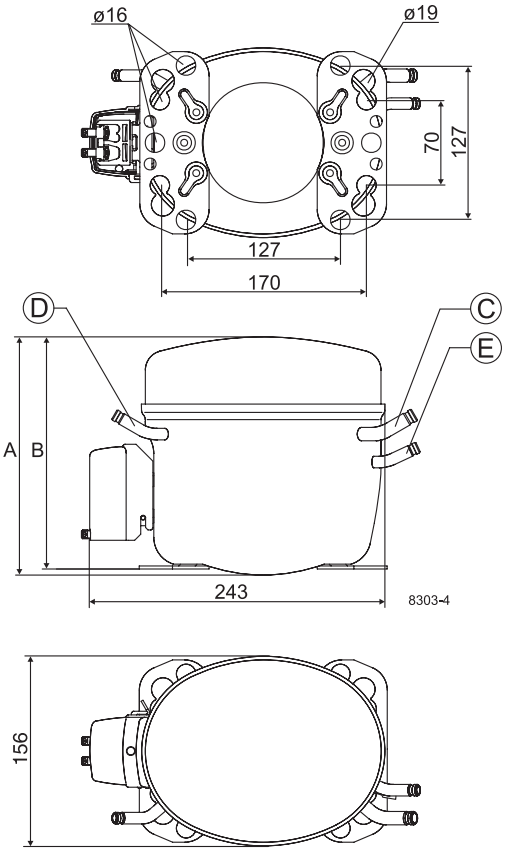
TL - large baseplate (mainly for 115 V types)



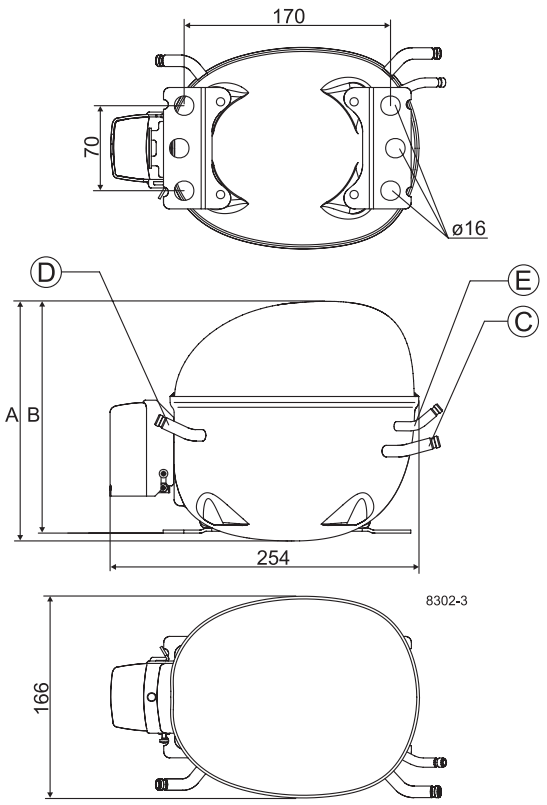
TF



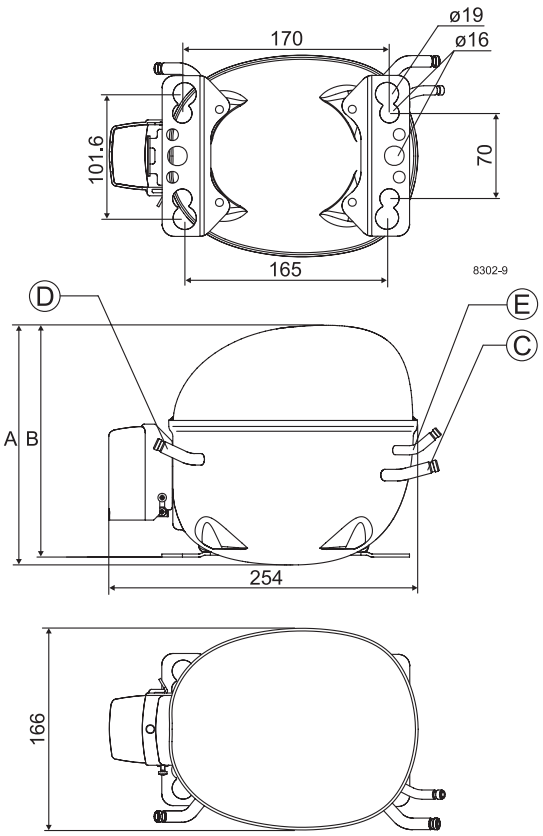
FR



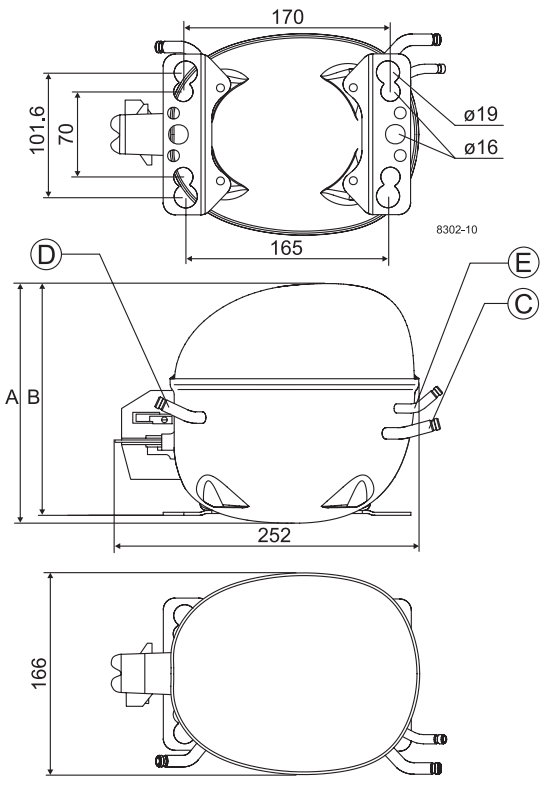
NL / NLE



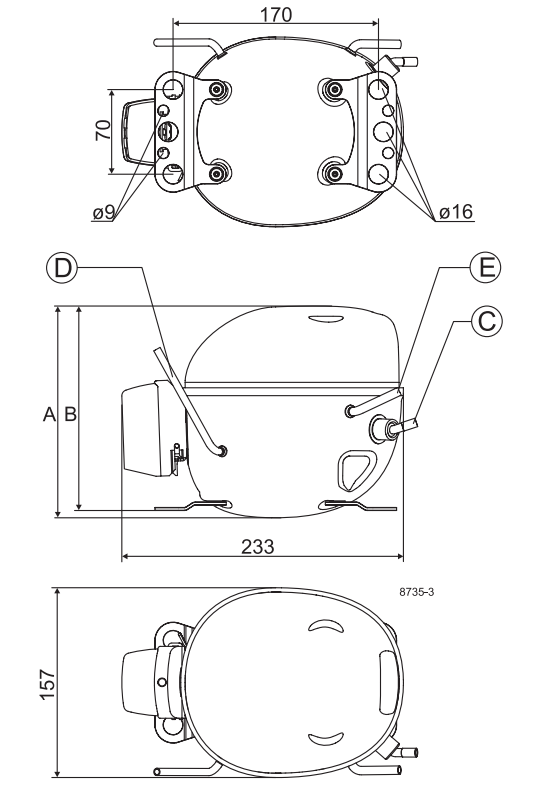
NL - large baseplates (mainly for 115 V types)



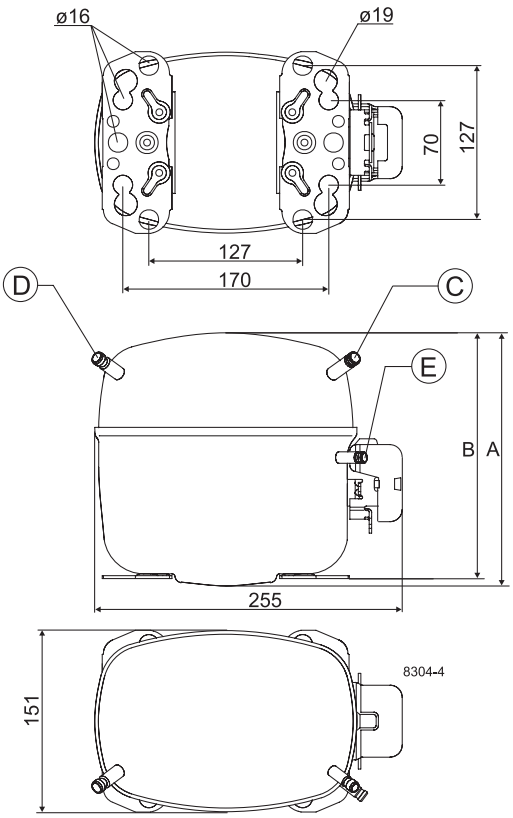
NF



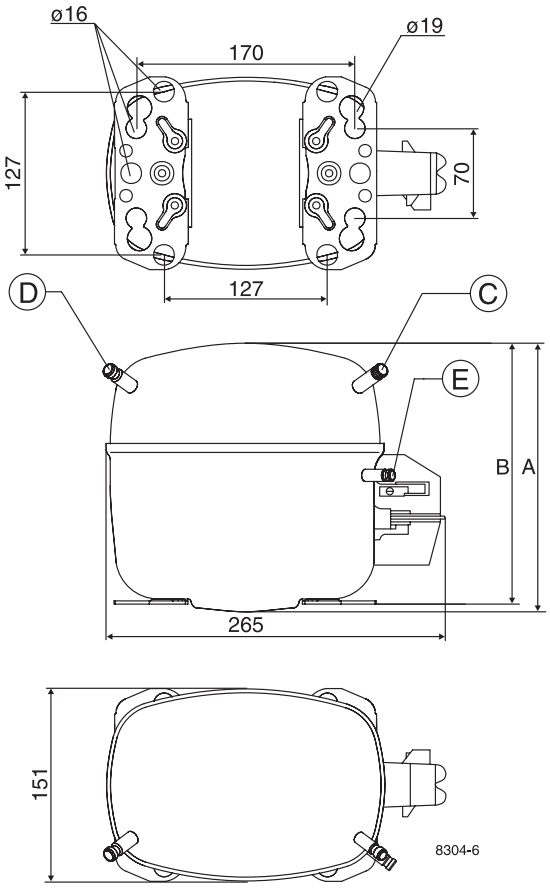
DLE



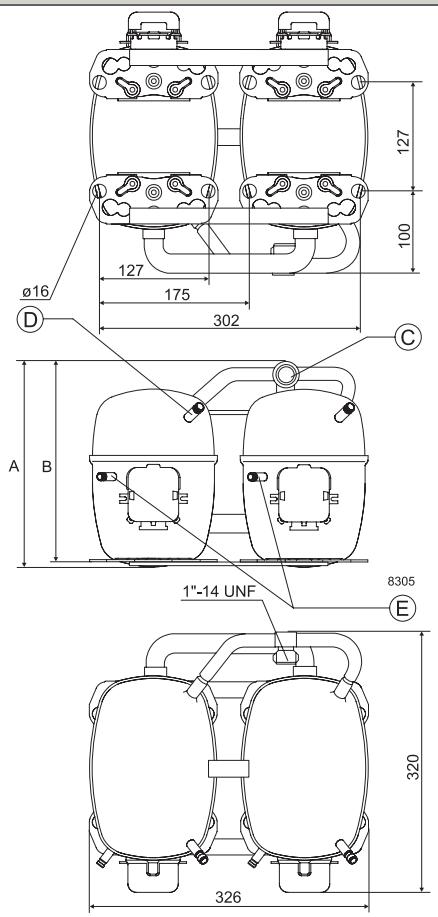
SC



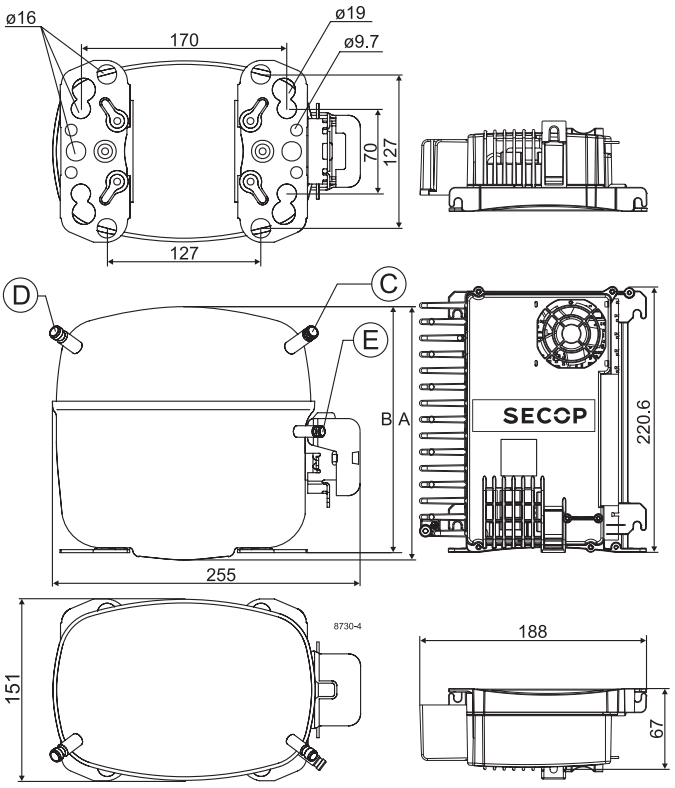
SC (ext. protector)



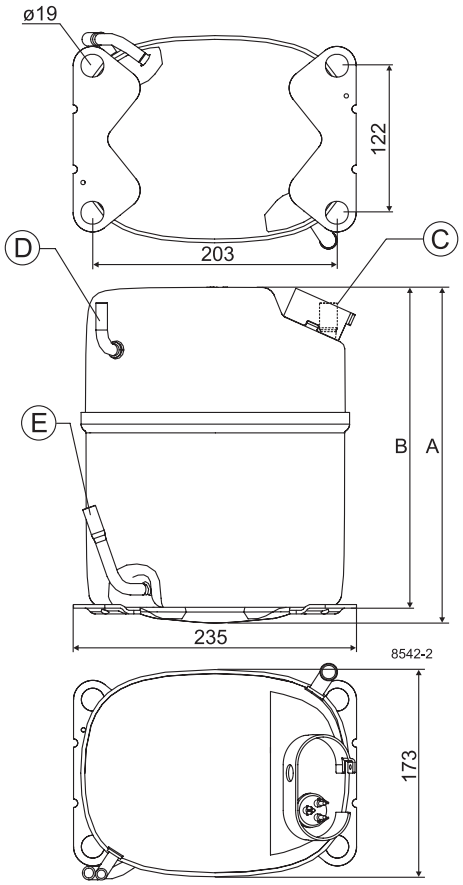
SC-Twin



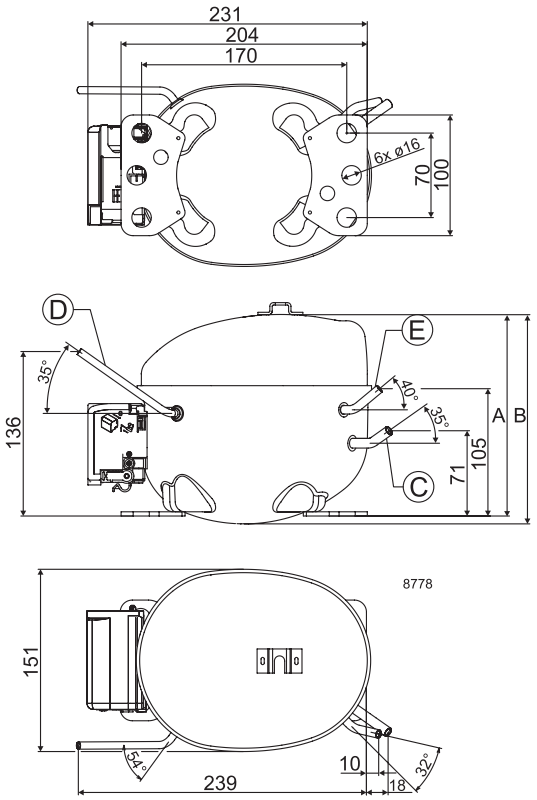
SLV



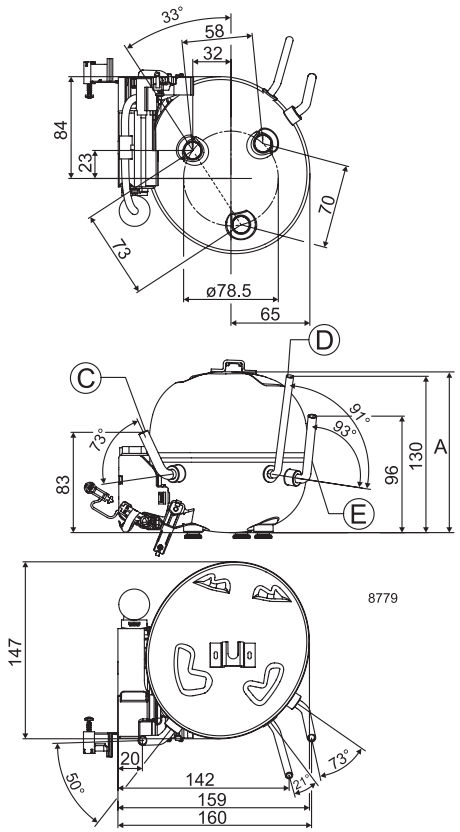
GS



KAPPA (HMK, HTK, HKK, HXK)



DELTA (HTD, HXD)

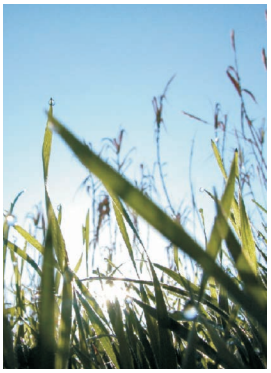


OUR IDENTITY

At Secop we are committed to our industry and are genuinely passionate about the difference we are able to make for our customers. We understand their business and objectives and the challenges of today's world of refrigeration and cooling systems.

We work in a straightforward way, being open, direct and honest because we want to make things clear and easy.

Our people are committed to increasing value for our customers and constantly strive for better performance, knowing that our own progression and success is dependent on theirs.



OUR JOURNEY SO FAR

1956
Production facility and headquarters in Flensburg, Germany founded

1958
Start up production of PW compressors.

1970
Introduction of SC compressors.
The birth of a standard setting platform in the light commercial market.

1972
Introduction FR compressors.

1977
Introduction TL and BD compressors.

1990
Introduction NL compressors.

1992
Introduction PL compressors.

1993
Start of production with natural refrigerant R600a (Isobutane)

Production facility in Crnomelj, Slovenia founded.

1999
Start of production with natural refrigerant R290 (Propane).

2002
Production facility in Zlate Moravce, Slovakia founded.

2005
Introduction GS compressors.

2008
Production facility in Wuqing, China founded.

2010
Introduction SLV-CNK.2 and SLV-CLK.2 variable speed compressors.
Introduction BD1.4F Micro DC compressor.
Introduction of DLX and NLU compressors.

2013
Introduction of the XV compressor. Opening a new chapter in refrigeration history.
Secop acquires ACC Fürstenfeld, Austria.

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