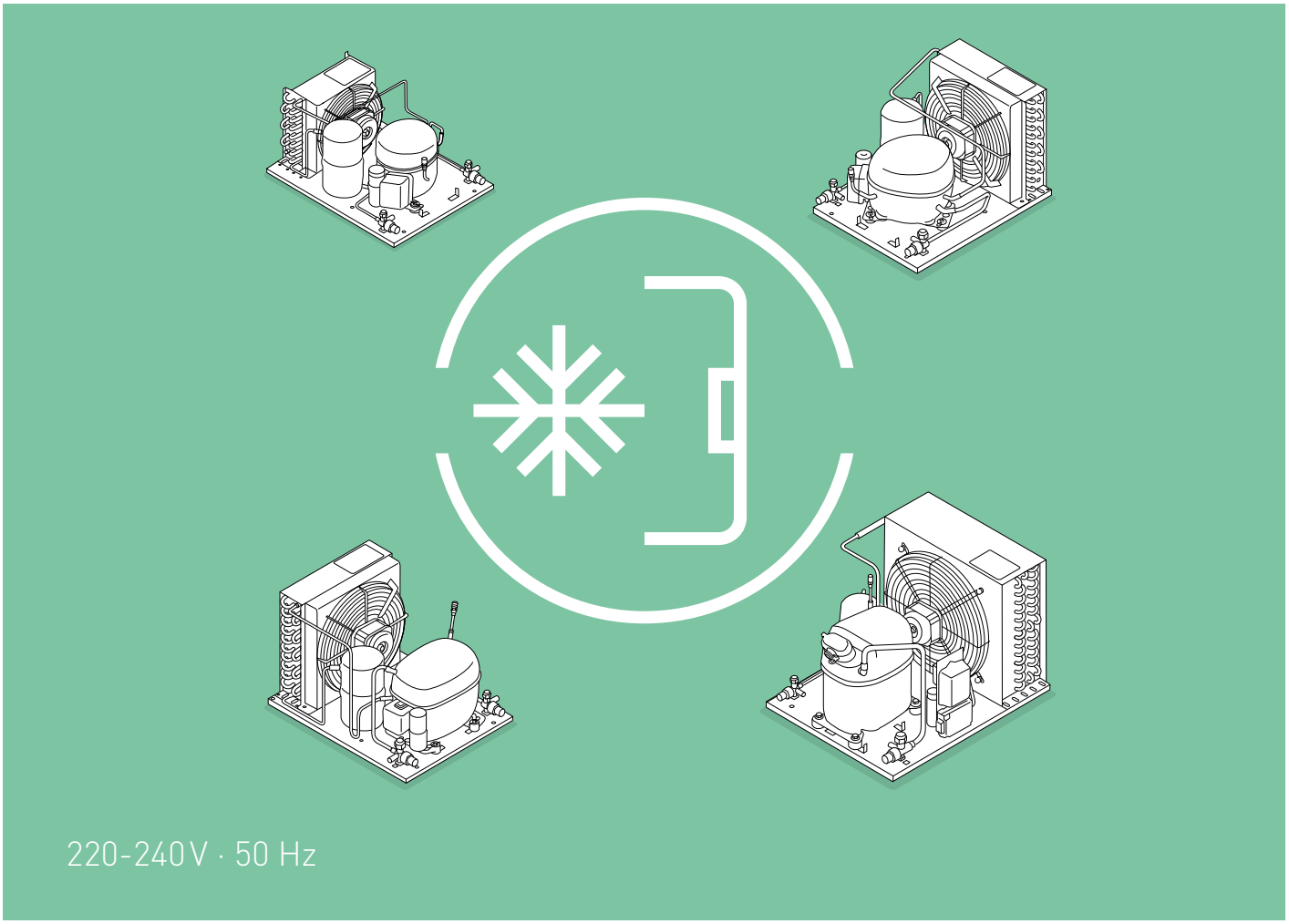
Secop is the first choice for partners looking for leading-edge refrigeration solutions and a premium customer experience.

Secop delivers advanced refrigeration compressors and controls, providing customers tailored sustainable solutions for light commercial, battery-driven, and special cooling applications.

CONDENSING UNITS
HFC, HC REFRIGERANTS

SECOP

R134a · R513A | R404A · R452A | R290



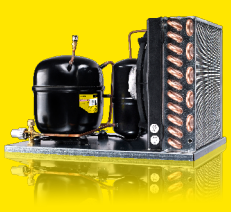
220-240 V · 50 Hz

Natural Refrigerant

EU Sustainable Design

Energy optimized

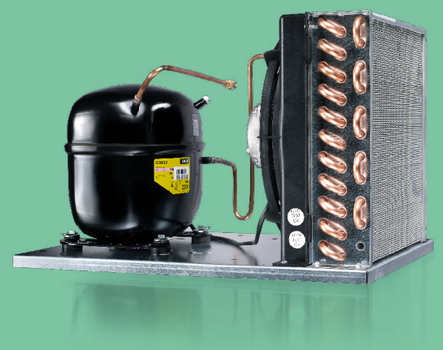
Wide Application Range



CONDENSING UNITS

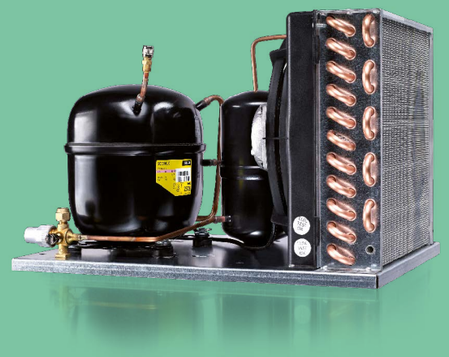
Capillary Connection

- → Condenser/fan
- → Connector tubes with rubber plugs
- → Process connector tube with Schrader valve
- → Filter drier (R290 models)



Valve Connection

- → Condenser/fan
- → Liquid receiver
- → Connector tubes with valves (flare or solder)
- → Process connector tube with Schrader valve



Natural Refrigerant

HC models are using our energy-optimized DLE, NLE, SCE, and KLF propane (R290) compressors with a very low GWP and maximum performance.

Alternative Refrigerants

HFC models are approved for alternative refrigerants R452A and R513A while selected models are approved for R449A.

EU Sustainable Design

Secop's full range of condensing units is designed and optimized to meet the European Ecodesign Directive.

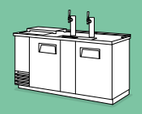
PORTFOLIO

Series		Displacement (cm^3)	Cooling Capacity: LBP (W) EN 13215*	Cooling Capacity: MBP (W) EN 13215*	Refrigerants
T KL		3.9 – 7.7	184 – 422	239 – 700	R134a R513A R404A R452A R290
N		6.1 – 12.6	159 – 582	326 – 996	R134a R513A R404A R452A R290
S		10.3 – 21.0	590 – 944	752 – 1683	R134a R513A R404A R452A R449A R290
G		26.3 – 33.8	1275 – 1712	1372 – 1782	R134a R513A R404A R452A R449A
		0 – 35	0 – 2000	0 – 3500	

*Tsubcooling=2 K, Tsuc=20 °C, Tamb=25 °C, LBP: pe=-25 °C, MBP: pe=-10 °C

APPLICATION MAP

Bottle Coolers Beverage Merchandizers	Ice Cream Freezers	Dispensers	Food Service Professional	Food Retail	Medical Applications	AC Special Applications	Customized Cooling Solutions

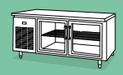


Keg Coolers

T KL N S

Preparation Tables

T KL N S



Undercounter Refrigerators

T KL N

Show Cases Bakery, Butchery ...

T KL N S

Solid Door Stainless Steel

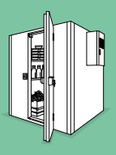
N S

Soft Scoop Ice Cream Displays

N S

Reach-in Refrigerators/Freezers

N S G



Walk-in Freezers

S G

HFC Condensing Units · LBP · 220-240 V · 50 Hz (Performance data measured with R134a and R404A. Please refer to our data sheets for alternative refrigerants.)

Condensing unit						Compressor			EN 13215 Capacity [W] Tsubcooling = 2 K Tsuc = 20 °C, Tamb = 25 °C Evaporating temperature [°C]					EN 13215 Capacity [W] Tsubcooling = 2 K Tsuc = 20 °C, Tamb = 32 °C Evaporating temperature [°C]					EN 13215 Capacity [W] Tsubcooling = 2 K Tsuc = 20 °C, Tamb = 38 °C Evaporating temperature [°C]					EN 13215 Capacity [W] Tsubcooling = 2 K Tsuc = 20 °C, Tamb = 43 °C Evaporating temperature [°C]					Rated performance Tsubcooling = 2 K Tsuc = 20 °C, Tamb = 25 °C pe = -25 °C			Condenser size		Airflow	Dimensions						
Type designation	Code number	Connection	Refrigerant	Application	Voltage and frequencies	Type designation	Displace-ment	Motor type	-40	-35	-25	-20	-10	-40	-35	-25	-20	-10	-40	-35	-25	-20	-10	-40	-35	-25	-20	-10	Power consumption	Current consumption	COP	Rows	Tubes		H Height	A Depth	B Width	Weight	Receiver volume	Valve Suction (I.D.) Solder	Valve Liquid (O.D.) Solder
							[cm³]																							[W]	[A]	[W/W]			[m³/h]	[mm]	[mm]	[mm]	[kg]	[l]	[mm]	[mm]
CUNL7CLX000CE	314L5000	Capillary	R404A · R452A	LBP	220-240V, 50 Hz	NL7CLX	7.3	CSIR	182	241	386	469	653	163	215	343	416	577	144	191	303	368	510	127	169	268	326	–	264.7	1.7	1.46	3	10	462	272	380	300	15.9	–	8	6
CUNL84CLX00CE	314L5002			LBP/MBP	220-240V, 50 Hz	NL8.4CLX	8.4	CSIR	196	260	413	500	688	175	231	365	442	606	155	205	322	389	–	136	180	284	–	–	297.3	2.1	1.39	3	10	462	272	380	300	15.9	–	8	6
CUSC12CLX20CE	314L4000			LBP	220-240V, 50 Hz	SC12CLX.2	12.9	CSIR	290	377	590	714	988	244	324	516	627	873	203	277	451	551	–	169	237	396	–	–	479.2	3.4	1.23	3	11	632	297	450	350	20.1	–	8	6
CUSC15CLX20CE	314L4002			LBP	220-240V, 50 Hz	SC15CLX.2	15.3	CSIR	361	469	732	885	1226	304	403	642	780	1086	255	346	563	688	–	213	297	496	–	–	563.1	3.7	1.30	4	11	577	297	450	350	20.0	–	10	6
CUSC18CL000CE	314L4004			LBP	220-240V, 50 Hz	SC18CL	17.7	CSCR	407	535	845	1023	1413	337	452	730	889	1238	279	384	635	778	1091	232	329	557	688	–	602.3	3.6	1.40	4	13	770	345	490	390	22.6	–	10	6
CUSC21CL000CE	314L4006			LBP	220-240V, 50 Hz	SC21CL	21.0	CSCR	455	606	944	1130	1531	386	510	803	969	1342	321	426	688	842	–	271	363	603	–	–	689.7	3.7	1.37	4	13	770	345	490	390	22.6	–	10	6
CUTL4CL0000CE	314L2000			LBP/MBP	220-240V, 50 Hz	TL4CL	3.9	CSIR	84	113	184	225	323	79	102	160	196	284	69	87	137	169	251	58	73	117	147	225	137.8	1.1	1.33	3	8	262	227	380	300	11.0	–	6	6
CUNL61MF000CE	314G5000		R134a · R513A	LBP/MBP	220-240V, 50 Hz	NL6.1MF	6.1	CSIR	–	–	159	206	326	–	–	142	186	296	–	–	127	168	269	–	–	114	153	247	129.6	1.3	1.23	3	8	256	227	380	300	14.9	–	8	6
CUNL73MF000CE	314G5002			LBP/MBP	220-240V, 50 Hz	NL7.3MF	7.3	CSIR	–	–	199	257	401	–	–	178	231	364	–	–	160	209	332	–	–	146	192	306	161.9	1.6	1.23	3	10	386	272	380	300	16.0	–	8	6
CUNLE10MF20CE	314G5006			LBP/MBP	220-240V, 50 Hz	NLE10MF.2	10.1	CSIR	–	172	299	380	581	–	160	278	352	533	–	137	249	318	486	–	115	224	290	449	195.7	1.6	1.53	3	10	462	272	380	300	16.3	–	8	6
CUNLE126MF2CE	314G5010			LBP/MBP	220-240V, 50 Hz	NLE12.6MF.2	12.6	CSIR	–	211	376	486	754	–	204	340	436	679	–	196	308	393	615	–	192	283	359	564	246.8	2.1	1.53	3	11	632	297	450	350	17.9	–	8	6

● ● ● ●

HFC Condensing Units · MBP · 220-240 V · 50 Hz (Performance data measured with R134a and R404A. Please refer to our data sheets for alternative refrigerants.)

Condensing unit						Compressor			EN 13215 Capacity [W] Tsubcooling = 2 K Tsuc = 20 °C, Tamb = 25 °C Evaporating temperature [°C]					EN 13215 Capacity [W] Tsubcooling = 2 K Tsuc = 20 °C, Tamb = 32 °C Evaporating temperature [°C]					EN 13215 Capacity [W] Tsubcooling = 2 K Tsuc = 20 °C, Tamb = 38 °C Evaporating temperature [°C]					EN 13215 Capacity [W] Tsubcooling = 2 K Tsuc = 20 °C, Tamb = 43 °C Evaporating temperature [°C]					Rated performance Tsubcooling = 2 K Tsuc = 20 °C, Tamb = 25 °C pe = -10 °C			Condenser size		Airflow	Dimensions						
Type designation	Code number	Connection	Refrigerant	Application	Voltage and frequencies	Type designation	Displace-ment	Motor type	-20	-15	-10	0	5	-20	-15	-10	0	5	-20	-15	-10	0	5	-20	-15	-10	0	5	Power consumption	Current consumption	COP	Rows	Tubes		H Height	A Depth	B Width	Weight	Receiver volume	Valve Suction (I.D.) Solder	Valve Liquid (O.D.) Solder
							[cm³]																							[W]	[A]	[W/W]			[m³/h]	[mm]	[mm]	[mm]	[kg]	[l]	[mm]	[mm]
CUNL84CLX00CE	314L5002	Capillary	R404A · R452A	LBP/MBP	220-240V, 50 Hz	NL8.4CLX	8.4	CSIR	500	592	688	882	–	442	522	606	775	–	389	460	534	–	–	344	407	–	–	–	438.5	2.6	1.57	3	10	462	272	380	300	15.9	–	8	6
CUTL4CL0000CE	314L2000			LBP/MBP	220-240V, 50 Hz	TL4CL	3.9	CSIR	225	272	323	441	–	196	237	284	394	–	169	207	251	356	–	147	183	225	–	–	191.0	1.4	1.69	3	8	262	227	380	300	11.0	–	6	6
CUNL61MLX00CE	314L5004			MBP	220-240V, 50 Hz	NL6.1MLX	6.1	CSIR	380	459	545	733	832	332	404	481	647	733	292	357	426	–	–	259	–	–	–	–	315.8	2.3	1.73	3	10	386	272	380	300	17.0	–	8	6
CUNF7MLX000CE	314L5006			MBP	220-240V, 50 Hz	NF7MLX	7.3	CSIR	–	585	700	959	1102	–	518	621	852	979	–	459	552	760	–	–	411	494	–	–	405.6	3.2	1.72	3	11	628	297	450	350	16.8	–	10	6
CUSC10MLX00CE ●	314L4008			MBP	220-240V, 50 Hz	SC10MLX	10.3	CSIR	617	743	882	1186	1343	540	651	773	1036	1171	472	571	678	–	–	413	–	–	–	–	522.4	3.7	1.69	3	11	632	297	450	350	19.5	–	8	6
CUSC12MLX00CE ●	314L4010			MBP	220-240V, 50 Hz	SC12MLX	12.9	CSIR	762	917	1087	1465	1662	670	807	957	1283	1453	589	710	842	–	–	519	–	–	–	–	614.9	4.1	1.77	4	11	577	297	450	350	20.0	–	8	6
CUSC15MLX00CE ●	314L4012			MBP	220-240V, 50 Hz	SC15MLX	15.3	CSIR	947	1139	1352	1830	2087	835	1006	1196	1618	1843	740	892	1060	–	–	663	798	–	–	–	784.5	4.8	1.72	4	13	914	345	490	390	21.5	–	10	6
CUSC18MLX00CE ●	314L4014			MBP	220-240V, 50 Hz	SC18MLX.3	17.7	CSCR	1141	1370	1622	2186	2489	1019	1223	1446	1942	2206	913	1093	1290	–	–	823	–	–	–	–	869.0	4.4	1.87	4	14	838	371	530	430	26.2	–	10	6
CUTL5G00000CE	314G2000		R134a · R513A	MBP	220-240V, 50 Hz	TL5G	5.1	CSIR	153	192	239	351	418	138	175	218	321	382	126	161	200	296	352	117	149	186	275	328	136.5	1.1	1.75	3	8	256	227	380	300	11.9	–	6	6
CUNL61MF000CE	314G5000			LBP/MBP	220-240V, 50 Hz	NL6.1MF	6.1	CSIR	206	262	326	477	564	186	237	296	434	513	168	215	269	396	468	153	197	247	364	430	174.1	1.4	1.87	3	8	256	227	380	300	14.9	–	8	6
CUNL73MF000CE	314G5002			LBP/MBP	220-240V, 50 Hz	NL7.3MF	7.3	CSIR	257	324	401	585	691	231	293	364	532	629	209	267	332	488	577	192	245	306	451	534	215.3	1.6	1.86	3	10	386	272	380	300	16.0	–	8	6
CUNL84MF000CE	314G5004			MBP	220-240V, 50 Hz	NL8.4MF	8.4	CSIR	292	366	451	650	762	263	331	409	591	695	240	303	374	542	638	222	280	347	502	–	248.5	1.9	1.81	3	10	386	272	380	300	15.9	–	8	6
CUNLE10MF20CE	314G5006			LBP/MBP	220-240V, 50 Hz	NLE10MF.2	10.1	CSIR	380	474	581	833	975	352	437	533	760	890	318	397	486	697	818	290	364	449	649	764	272.3	1.8	2.13	3	10	462	272	380	300	16.3	–	8	6
CUNLE11MF20CE	314G5008			MBP	220-240V, 50 Hz	NLE11MF.2	11.2	CSIR	414	520	636	899	1044	386	478	581	818	951	350	434	529	749	873	319	397	486	695	–	319.4	2.1	1.99	3	10	462	272	380	300	17.4	–	8	6
CUNLE126MF2CE	314G5010			LBP/MBP	220-240V, 50 Hz	NLE12.6MF.2	12.6	CSIR	486	613	754	1078	1258	436	550	679	979	1148	393	496	615	896	1056	359	453	564	831	984	342.6	2.4	2.20	3	11	632	297	450	350	17.9	–	8	6
CUSC15MFX00CE	314G4000			MBP	220-240V, 50 Hz	SC15MFX	15.3	CSIR	469	601	752	1097	1287	421	546	687	1005	1175	388	505	634	922	1075	357	465	584	847	–	412.7	2.7	1.82	3	11	632	297	450	350	19.5	–	10	6
CUSC18MFX00CE	314G4002			MBP	220-240V, 50 Hz	SC18MFX	17.7	CSIR	572	718	886	1289	1520	520	655	810	1181	1394	476	601	746	1088	1285	440	558	693	1012	–	497.6	3.3	1.78	4	11	520	297	450	350	26.1	–	10	6
CUSC21MFX00CE	314G4004			MBP	220-240V, 50 Hz	SC21MFX	21.0	CSIR	721	896	1099	1587	1873	660	823	1011	1464	1729	607	759	934	1357	1604	563	706	871	1267	1499	576.1	4.1	1.91	4	13	914	345	490	390	22.0	–	10	6

● ● ● ●

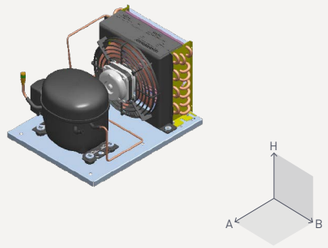
R449A

● Alternative refrigerant R449A, please refer to our data sheets on www.secop.com

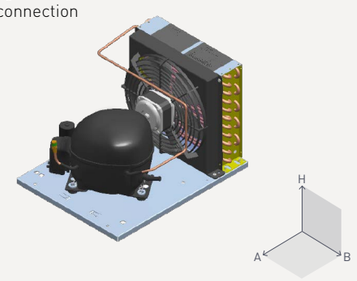
eco
EU Sustainable Design

● Comply with Ecodesign Directive 2009/125/CE, 2015/1095 and EN 13215:2016 +A1:2020

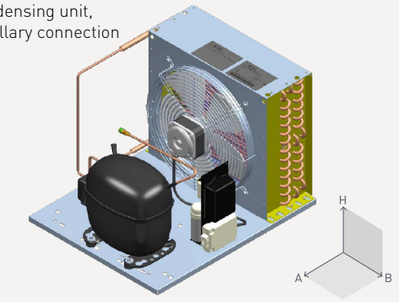
T-Series compressors
CUTL5G00000CE
condensing unit,
capillary connection



N-Series compressors
CUNLE126MF2CE
condensing unit,
capillary connection



S-Series compressors
CUSC18MLX00CE
condensing unit,
capillary connection



HFC Condensing Units · LBP · 220-240 V · 50 Hz (Performance data measured with R134a and R404A. Please refer to our data sheets for alternative refrigerants.)

Condensing unit						Compressor			EN 13215 Capacity [W] Tsubcooling = 2 K Tsuc = 20 °C, Tamb = 25 °C Evaporating temperature [°C]					EN 13215 Capacity [W] Tsubcooling = 2 K Tsuc = 20 °C, Tamb = 32 °C Evaporating temperature [°C]					EN 13215 Capacity [W] Tsubcooling = 2 K Tsuc = 20 °C, Tamb = 38 °C Evaporating temperature [°C]					EN 13215 Capacity [W] Tsubcooling = 2 K Tsuc = 20 °C, Tamb = 43 °C Evaporating temperature [°C]					Rated performance Tsubcooling = 2 K Tsuc = 20 °C, Tamb = 25 °C pe = -25 °C			Condenser size		Airflow	Dimensions						
Type designation	Code number	Connection	Refrigerant	Application	Voltage and frequencies	Type designation	Displace-ment	Motor type	-40	-35	-25	-20	-10	-40	-35	-25	-20	-10	-40	-35	-25	-20	-10	-40	-35	-25	-20	-10	Power consumption	Current consumption	COP	Rows	Tubes		H Height	A Depth	B Width	Weight	Receiver volume	Valve Suction (O.D.) Flare	Valve Liquid (O.D.) Flare
							[cm³]																							[W]	[A]	[W/W]			[m³/h]	[mm]	[mm]	[mm]	[kg]	[l]	[inch]	[inch]
CUNL7CLX000VE	314L5001	Valve	R404A · R452A	LBP	220-240V, 50 Hz	NL7CLX	7.3	CSIR	182	241	386	469	653	163	215	343	416	577	144	191	303	368	510	127	169	268	326	–	264.7	1.70	1.46	3	10	386	272	450	350	18.2	1.3	1/4	1/4
CUNL84CLX00VE	314L5003			LBP/MBP	220-240V, 50 Hz	NL8.4CLX	8.4	CSIR	196	260	413	500	688	175	231	365	442	606	155	205	322	389	–	136	180	284	–	–	297.3	2.1	1.39	3	10	386	272	450	350	18.2	1.3	1/4	1/4
CUSC12CLX20VE	314L4001			LBP	220-240V, 50 Hz	SC12CLX.2	12.9	CSIR	290	377	590	714	987	244	324	516	627	873	203	277	451	551	–	169	237	396	–	–	479.2	3.4	1.23	3	11	632	297	450	350	21.8	1.3	1/4	1/4
CUSC15CLX20VE	314L4003			LBP	220-240V, 50 Hz	SC15CLX.2	15.3	CSIR	361	469	732	885	1226	304	403	642	780	1086	255	346	563	688	–	213	297	496	–	–	563.1	3.7.	1.30	4	11	577	297	450	350	21.8	1.3	3/8	1/4
CUSC18CL000VE	314L4005			LBP	220-240V, 50 Hz	SC18CL	17.7	CSCR	407	535	845	1023	1413	337	452	730	889	1238	279	384	635	778	1091	232	329	557	688	–	602.3	3.6	1.40	4	13	770	345	490	390	24.4	1.3	3/8	1/4
CUSC21CL000VE	314L4007			LBP	220-240V, 50 Hz	SC21CL	21.0	CSCR	455	606	944	1130	1531	386	510	803	969	1342	321	426	688	842	–	271	363	603	–	–	689.7	3.7	1.37	4	13	770	345	490	390	24.3	1.3	3/8	1/4
CUGS26CLX00VE	314L7000			LBP	220-240V, 50 Hz	GS26CLX	26.3	CSR	621	814	1275	1535	2096	514	690	1105	1339	1843	426	587	963	1175	–	356	505	–	–	–	903.5	4.0	1.41	4	14	838	371	530	430	37.2	1.3	1/2	1/4
CUGS34CLX00VE	314L7001			LBP	220-240V, 50 Hz	GS34CLX	33.8	CSR	853	1107	1712	2055	2796	729	961	1508	1817	–	623	836	1333	–	–	536	733	–	–	–	1263.5	6.4	1.36	4	14	1263	371	530	430	36.6	1.3	1/2	1/4
CUTL4CL0000VE	314L2001			LBP/MBP	220-240V, 50 Hz	TL4CL	3.9	CSIR	84	113	184	225	323	79	102	160	196	284	69	87	137	169	251	58	73	117	147	225	137.8	1.1	1.33	3	8	262	230	450	350	13.3	1.3	1/4	1/4
CUNL61MF000VE	314G5001		R134a · R513A	LBP/MBP	220-240V, 50 Hz	NL6.1MF	6.1	CSIR	–	–	159	206	326	–	–	142	186	296	–	–	127	168	269	–	–	114	153	247	129.6	1.3	1.23	3	8	256	230	450	350	16.7	1.3	1/4	1/4
CUNL73MF000VE	314G5003			LBP/MBP	220-240V, 50 Hz	NL7.3MF	7.3	CSIR	–	–	199	257	401	–	–	178	231	364	–	–	160	209	332	–	–	146	192	306	161.9	1.6	1.23	3	10	386	272	450	350	18.3	1.3	1/4	1/4
CUNLE10MF20VE	314G5007			LBP/MBP	220-240V, 50 Hz	NLE10MF.2	10.1	CSIR	–	172	299	380	581	–	160	278	352	533	–	137	249	318	486	–	115	224	290	449	195.7	1.6	1.53	3	10	462	272	450	350	18.6	1.3	1/4	1/4
CUNLE126MF2VE	314G5011			LBP/MBP	220-240V, 50 Hz	NLE12.6MF.2	12.6	CSIR	–	211	376	486	754	–	204	340	436	679	–	196	308	393	615	–	192	283	359	564	246.8	2.1	1.53	3	11	632	297	450	350	19.6	1.3	1/4	1/4

● ● ● ●

HFC Condensing Units · MBP · 220-240 V · 50 Hz (Performance data measured with R134a and R404A. Pleaser refer to our data sheets for alternative refrigerants.)

Condensing unit						Compressor			EN 13215 Capacity [W] Tsubcooling = 2 K Tsuc = 20 °C, Tamb = 25 °C Evaporating temperature [°C]					EN 13215 Capacity [W] Tsubcooling = 2 K Tsuc = 20 °C, Tamb = 32 °C Evaporating temperature [°C]					EN 13215 Capacity [W] Tsubcooling = 2 K Tsuc = 20 °C, Tamb = 38 °C Evaporating temperature [°C]					EN 13215 Capacity [W] Tsubcooling = 2 K Tsuc = 20 °C, Tamb = 43 °C Evaporating temperature [°C]					Rated performance Tsubcooling = 2 K Tsuc = 20 °C, Tamb = 25 °C pe = -10 °C			Condenser size		Airflow	Dimensions						
Type designation	Code number	Connection	Refrigerant	Application	Voltage and frequencies	Type designation	Displace-ment	Motor type	-20	-15	-10	0	5	-20	-15	-10	0	5	-20	-15	-10	0	5	-20	-15	-10	0	5	Power consumption	Current consumption	COP	Rows	Tubes		H Height	A Depth	B Width	Weight	Receiver volume	Valve Suction (O.D.) Flare	Valve Liquid (O.D.) Flare
							[cm³]																							[W]	[A]	[W/W]			[m³/h]	[mm]	[mm]	[mm]	[kg]	[l]	[inch]	[inch]
CUNL61MLX00VE	314L5005	Valve	R404A · R452A	MBP	220-240V, 50 Hz	NL6.1MLX	6.1	CSIR	380	459	545	733	832	332	404	481	647	733	292	357	426	–	–	259	–	–	–	–	315.8	2.3	1.73	3	10	386	272	450	350	18.2	1.3	1/4	1/4
CUNF7MLX000VE	314L5007			MBP	220-240V, 50 Hz	NF7MLX	7.3	CSIR	–	585	700	959	1102	–	518	621	852	979	–	459	552	760	–	–	411	494	–	–	405.6	3.2	1.72	3	11	628	297	450	350	18.7	1.3	1/4	1/4
CUSC10MLX00VE ●	314L4009			MBP	220-240V, 50 Hz	SC10MLX	10.3	CSIR	617	743	882	1186	1343	540	651	773	1036	1171	472	571	678	–	–	472	571	678	–	–	522.4	3.7	1.69	3	11	632	297	450	350	21.2	1.3	1/4	1/4
CUSC12MLX00VE ●	314L4011			MBP	220-240V, 50 Hz	SC12MLX	12.9	CSIR	762	917	1087	1465	1662	670	807	957	1283	1453	589	710	842	–	–	519	–	–	–	–	614.9	4.1	1.77	4	11	577	297	450	350	21.5	1.3	1/4	1/4
CUSC15MLX00VE ●	314L4013			MBP	220-240V, 50 Hz	SC15MLX	15.3	CSIR	947	1139	1352	1830	2087	835	1006	1196	1618	1843	740	892	1060	–	–	663	–	–	–	–	784.5	4.8	1.72	4	13	914	345	490	390	23.3	1.3	3/8	1/4
CUSC18MLX00VE ●	314L4015			MBP	220-240V, 50 Hz	SC18MLX.3	17.7	CSCR	1141	1370	1622	2186	2489	1019	1223	1446	1942	2206	913	1093	1290	–	–	823	–	–	–	–	869	4.4	1.87	4	14	838	371	530	430	28.1	1.3	3/8	1/4
CUGS21MLX00VE ●	314L7002			MBP	220-240V, 50 Hz	GS21MLX	21.0	CSR	1322	1605	1917	2604	2965	1155	1406	1680	2280	–	1020	1242	1484	–	–	910	–	–	–	–	977.6	4.6	1.96	4	14	1034	371	530	430	33.9	1.3	1/2	1/4
CUGS26MLX00VE ●	314L7003			MBP	220-240V, 50 Hz	GS26MLX	26.3	CSCR	1639	1974	2332	3094	3482	1437	1736	2053	2717	–	1267	1535	1815	–	–	1127	–	–	–	–	1240.5	62	1.88	4	14	1263	371	530	430	41.8	1.7	5/8	3/8
CUGS34MLX00VE ●	314L7004			MBP	220-240V, 50 Hz	GS34MLX	33.8	CSR	2241	2677	3144	4143	4661	1978	2369	2783	3652	–	1752	2102	2467	–	–	1567	–	–	–	–	1769.5	9.5	1.78	5	16	1456	425	600	530	47.7	1.7	5/8	3/8
CUTL5G00000VE	314G2001		R134a · R513A	MBP	220-240V, 50 Hz	TL5G	5.1	CSIR	153	192	239	351	418	138	175	218	321	382	126	161	200	296	352	117	149	186	275	328	136.5	1.1	1.75	3	8	256	230	450	350	14.1	1.3	1/4	1/4
CUNL61MF000VE	314G5001			LBP/MBP	220-240V, 50 Hz	NL6.1MF	6.1	CSIR	206	262	326	477	564	186	237	296	434	513	168	215	269	396	468	153	197	247	364	430	174.1	1.4	1.87	3	8	256	230	450	350	16.7	1.3	1/4	1/4
CUNL73MF000VE	314G5003			LBP/MBP	220-240V, 50 Hz	NL7.3MF	7.3	CSIR	257	324	401	585	691	232	293	364	532	629	209	267	332	488	577	192	245	306	451	534	215.3	1.6	1.86	3	10	386	272	450	350	18.3	1.3	1/4	1/4
CUNL84MF000VE	314G5005			MBP	220-240V, 50 Hz	NL8.4MF	8.4	CSIR	292	366	451	650	762	263	331	409	591	695	240	303	374	542	638	222	280	347	502	–	248.5	1.9	1.81	3	10	386	272	450	350	18.1	1.3	1/4	1/4
CUNLE10MF20VE	314G5007			LBP/MBP	220-240V, 50 Hz	NLE10MF.2	10.1	CSIR	380	474	581	833	975	352	437	533	760	890	318	397	486	697	818	290	364	449	649	764	272.3	1.8	2.13	3	10	462	272	450	350	18.6	1.3	1/4	1/4
CUNLE11MF20VE	314G5009			MBP	220-240V, 50 Hz	NLE11MF.2	11.2	CSIR	414	520	636	899	1044	386	478	581	818	951	350	434	529	749	873	319	397	486	695	–	319.4	2.1	1.99	3	10	462	272	450	350	18.6	1.3	1/4	1/4
CUNLE126MF2VE	314G5011			LBP/MBP	220-240V, 50 Hz	NLE12.6MF.2	12.6	CSIR	486	613	754	1078	1258	436	550	679	979	1148	393	496	615	896	1056	359	453	564	831	984	342.6	2.4	2.20	3	11	632	297	450	350	19.6	1.3	1/4	1/4
CUSC15MFX00VE	314G4001			MBP	220-240V, 50 Hz	SC15MFX	15.3	CSIR	469	601	752	1097	1287	421	546	687	1005	1175	388	505	634	922	1075	357	465	584	847	–	412.7	2.7	1.82	3	11	632	297	450	350	21.3	1.3	3/8	1/4
CUSC18MFX00VE	314G4003			MBP	220-240V, 50 Hz	SC18MFX	17.7	CSIR	572	718	886	1289	1520	520	655	810	1181	1394	476	601	746	1088	1285	440	558	693	1012	–	497.6	3.3	1.78	4	11	520	297	450	350	27.9	1.3	3/8	1/4
CUSC21MFX00VE	314G4005			MBP	220-240V, 50 Hz	SC21MFX	21.0	CSIR	721	896	1099	1587	1873	660	823	1011	1464	1729	607	759	934	1357	1604	563	706	871	1267	1499	576.1	4.1	1.91	4	13	914	345	490	390	23.8	1.3	3/8	1/4
CUGS26MFX00VE	314G7005			MBP	220-240V, 50 Hz	GS26MFX	26.3	CSCR	875	1110	1372	1967	2290	795	1010	1248	1783	2073	728	925	1142	1625	–	669	852	1052	–	–	715.8	3.3	1.92	4	13	913	345	490	390	33.5	1.3	1/2	1/4
CUGS34MFX00VE	314G7006			MBP	220-240V, 50 Hz	GS34MFX	33.8	CSCR	1169	1457	1782	2542	2969	1054	1321	1622	2321	2714	954	1203	1482	2129	–	869	1104	1365	–	–	918.4	4.7	1.94	4	14	1034	371	530	430	37.6	1.3	1/2	1/4

● ● ● ●

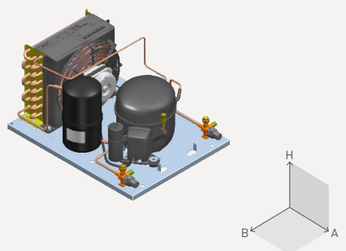
R449A

● Alternative refrigerant R449A, please refer to our data sheets on www.secop.com

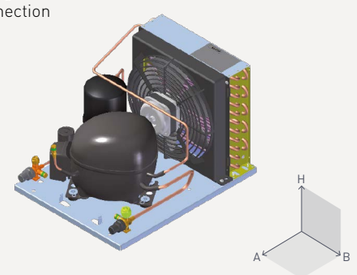
eco EU Sustainable Design

● Comply with Ecodesign Directive 2009/125/CE, 2015/1095 and EN 13215:2016 +A1:2020

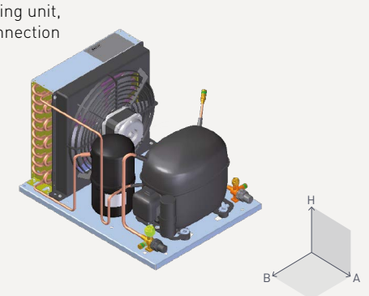
T-Series compressors
CUTL5G00000VE
condensing unit,
valve connection



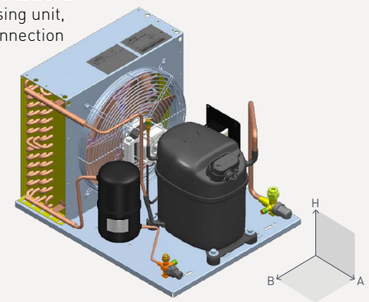
N-Series compressors
CUNLE10MF20VE
condensing unit,
valve connection



S-Series compressors
CUSC10MLX00VE
condensing unit,
valve connection



G-Series compressors
CUGS21MLX00VE
condensing unit,
valve connection



HC Condensing Units · LBP · 220-240 V · 50 Hz

Condensing unit						Compressor			EN 13215 Capacity [W] Tsubcooling = 2 K Tsuc = 20 °C, Tamb = **25 °C** Evaporating temperature [°C]					EN 13215 Capacity [W] Tsubcooling = 2 K Tsuc = 20 °C, Tamb = **32 °C** Evaporating temperature [°C]					EN 13215 Capacity [W] Tsubcooling = 2 K Tsuc = 20 °C, Tamb = **38 °C** Evaporating temperature [°C]					EN 13215 Capacity [W] Tsubcooling = 2 K Tsuc = 20 °C, Tamb = **43 °C** Evaporating temperature [°C]					Rated performance Tsubcooling = 2 K Tsuc = 20 °C, Tamb = 25 °C pe = -25 °C			Condenser size		Airflow	Dimensions							
Type designation	Code number	Connection	Refrigerant	Application	Voltage and frequencies	Type designation	Displace-ment	Motor type	-40	-35	-25	-20	-10	-40	-35	-25	-20	-10	-40	-35	-25	-20	-10	-40	-35	-25	-20	-10	Power consumption	Current consumption	COP				H	A	B	Weight	Receiver volume	Valve	
																																								Suction (I.D.) Solder	Liquid (O.D.) Solder
							[cm³]																							[W]	[A]	[W/W]	Rows	Tubes	[m³/h]	Height [mm]	Depth [mm]	Width [mm]	[kg]	[l]	[mm]	[mm]
CUNLE126CNLCE	314H5002	Capillary	R290	LBP	220-240V, 50 Hz	NLE12.6CNL	12.6	CSIR	312	393	582	693	950	278	353	527	629	865	253	323	484	578	796	233	299	449	536	739	345	2.1	1.69	4	10	435	272	380	304	17.6	–	8	6
CUSCE15CNLXCE	314H4000			LBP	220-240V, 50 Hz	SCE15CNLX	15.3	CSIR	311	395	626	767	1079	269	350	566	695	976	232	310	512	630	883	201	276	465	574	803	410	2.6	1.53	4	10	435	272	380	304	20.0	–	10	6
CUSCE18CNLXCE	314H4001			LBP	220-240V, 50 Hz	SCE18CNLX	17.7	CSIR	396	483	740	901	1267	345	430	671	820	1148	303	385	611	746	1038	267	346	556	679	940	487	3.0	1.52	3	11	675	297	450	350	20.6	–	10	6
CUSCE21CNLXCE	314H4002			LBP	220-240V, 50 Hz	SCE21CNLX	21.0	CSIR	444	589	916	1098	1493	401	527	818	981	1344	350	462	728	881	–	313	415	663	808	–	578	3.3	1.58	5	11	581	297	450	350	21.4	–	10	6
CUKLF48CND0CE	314H6001			LBP/MBP	220-240V, 50 Hz	KLF4.8CND	4.8	CSIR	100	137	228	283	412	95	130	213	263	378	83	117	195	241	347	72	104	178	221	320	161	1.1	1.42	2	10	510	272	380	307	14.2	–	8	6
CUKLF56CND0CE	314H6002			LBP/MBP	220-240V, 50 Hz	KLF5.6CND	5.6	CSIR	98	140	250	317	477	115	152	247	305	444	115	149	235	288	413	106	139	219	268	383	169	1.2	1.48	2	10	510	272	380	307	14.5	–	8	6
CUKLF66CND0CE	314H6003			LBP/MBP	220-240V, 50 Hz	KLF6.6CND	6.6	CSIR	186	219	319	385	543	161	196	292	354	499	138	174	269	327	460	118	155	247	302	426	218	1.6	1.46	2	10	510	272	380	307	14.5	–	8	6
CUKLF77CND0CE	314H6004			LBP/MBP	220-240V, 50 Hz	KLF7.7CND	7.7	CSIR	258	299	422	503	700	216	259	380	458	645	184	227	346	421	597	161	204	319	390	556	237	1.6	1.78	3	11	551	297	450	350	15.2	–	8	6
CUNLE88CN0CE	314H5000			LBP/MBP	220-240V, 50 Hz	NLE8.8CN	8.8	CSIR	–	253	404	501	737	–	263	397	482	688	–	247	372	449	634	–	223	343	415	586	245	1.7	1.65	3	11	551	297	450	350	17.1	–	8	6
CUNLE10CN00CE	314H5001			LBP/MBP	220-240V, 50 Hz	NLE10CN	10.1	CSIR	–	292	469	580	843	–	292	448	546	777	–	269	411	500	710	–	241	375	459	654	310	2.1	1.51	3	11	551	297	450	350	18.2	–	8	6

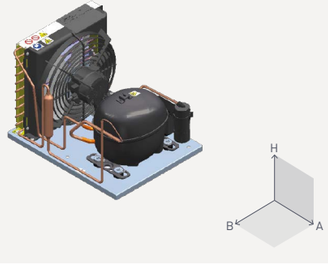
HC Condensing Units · MBP · 220-240 V · 50 Hz

Condensing unit						Compressor			EN 13215 Capacity [W] Tsubcooling = 2 K Tsuc = 20 °C, Tamb = **25 °C** Evaporating temperature [°C]					EN 13215 Capacity [W] Tsubcooling = 2 K Tsuc = 20 °C, Tamb = **32 °C** Evaporating temperature [°C]					EN 13215 Capacity [W] Tsubcooling = 2 K Tsuc = 20 °C, Tamb = **38 °C** Evaporating temperature [°C]					EN 13215 Capacity [W] Tsubcooling = 2 K Tsuc = 20 °C, Tamb = **43 °C** Evaporating temperature [°C]					Rated performance Tsubcooling = 2 K Tsuc = 20 °C, Tamb = 25 °C pe = -10 °C			Condenser size		Airflow	Dimensions							
Type designation	Code number	Connection	Refrigerant	Application	Voltage and frequencies	Type designation	Displace-ment	Motor type	-20	-15	-10	0	5	-20	-15	-10	0	5	-20	-15	-10	0	5	-20	-15	-10	0	5	Power consumption	Current consumption	COP				H	A	B	Weight	Receiver volume	Valve	
																																									Suction (I.D.) Solder	Liquid (O.D.) Solder
							[cm³]																							[W]	[A]	[W/W]	Rows	Tubes	[m³/h]	Height [mm]	Depth [mm]	Width [mm]	[kg]	[l]	[mm]	[mm]
CUKLF48CND0CE	314H6001	Capillary	R290	LBP/MBP	220-240V, 50 Hz	KLF4.8CND	4.8	CSIR	283	344	412	565	649	263	318	378	516	592	241	291	347	473	542	221	268	320	436	501	193	1.2	2.13	2	10	510	272	380	307	14.2	–	8	6
CUKLF56CND0CE	314H6002			LBP/MBP	220-240V, 50 Hz	KLF5.6CND	5.6	CSIR	316	389	467	640	733	301	364	433	586	669	281	337	399	538	614	260	312	369	498	568	225	1.4	2.08	2	10	510	272	380	307	14.5	–	8	6
CUKLF66CND0CE	314H6003			LBP/MBP	220-240V, 50 Hz	KLF6.6CND	6.6	CSIR	385	460	543	727	825	354	423	499	665	752	327	391	460	610	688	302	362	426	563	633	279	1.8	1.95	2	10	510	272	380	307	14.5	–	8	6
CUKLF77CND0CE	314H6004			LBP/MBP	220-240V, 50 Hz	KLF7.7CND	7.7	CSIR	503	596	700	938	1068	458	547	645	866	986	421	505	597	801	912	390	470	556	746	847	314	1.9	2.23	3	11	551	297	450	350	15.2	–	8	6
CUNLE88CN0CE	314H5000			LBP/MBP	220-240V, 50 Hz	NLE8.8CN	8.8	CSIR	501	613	737	1023	1182	482	579	688	938	1078	449	536	634	859	985	415	496	586	793	908	315	1.9	2.34	3	11	551	297	450	350	17.1	–	8	6
CUNLE10CN00CE	314H5001			LBP/MBP	220-240V, 50 Hz	NLE10CN	10.1	CSIR	580	706	843	1147	1309	546	656	777	1045	1189	500	600	710	953	1085	459	552	654	881	1004	397	2.4	2.12	3	11	551	297	450	350	18.2	–	8	6
CUNLE126MNCE	314H5003			MBP	220-240V, 50 Hz	NLE12.6MN	12.6	CSIR	712	848	996	1323	1496	650	771	905	1199	1355	593	705	827	1097	1239	547	651	766	1017	–	469	2.8	2.12	3	11	675	297	450	350	18.7	–	8	6
CUSCE15MNX0CE	314H4003			MBP	220-240V, 50 Hz	SCE15MNX	15.3	CSIR	831	1009	1204	1629	1853	758	922	1100	1486	1687	694	846	1009	1360	1541	639	780	931	1253	1418	538	3.1	2.24	5	11	581	297	450	350	21.5	–	10	6
CUSCE18MNX0CE	314H4004			MBP	220-240V, 50 Hz	SCE18MNX	17.7	CSIR	1013	1224	1461	1994	2283	922	1117	1334	1821	2083	848	1029	1230	1679	1920	785	956	1145	1563	1786	646	4.1	2.26	4	13	986	345	490	390	23.5	–	10	6
CUSCE21MNX0CE	314H4005			MBP	220-240V, 50 Hz	SCE21MNX	21.0	CSR	1205	1433	1683	2255	2573	1110	1319	1545	2053	2335	1023	1215	1420	1875	2125	941	1120	1308	1718	1942	723	3.6	2.33	4	13	986	345	490	390	26.8	–	10	6

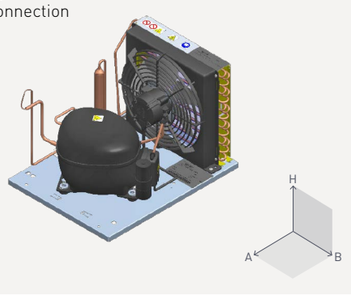
EU Sustainable Design

Comply with Ecodesign Directive 2009/125/CE, 2015/1095 and EN 13215:2016 +A1:2020

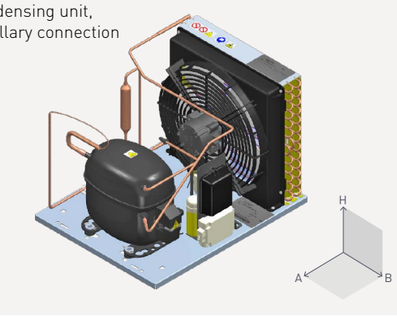
KLF compressors
CUKLF48CND0CE
condensing unit,
capillary connection



NLE compressors
CUNLE88CN0CE
condensing unit,
capillary connection



SCE compressors
CUSCE21MNX0CE
condensing unit,
capillary connection



Electrical Equipment · Motor Systems Secop HFC Compressors

Motor types / Starting devices

RSIR: Resistant Start Induction Run
RSCR: Resistant Start Capacitor Run
CSIR: Capacitor Start Induction Run
CSCR: Capacitor Start Capacitor Run

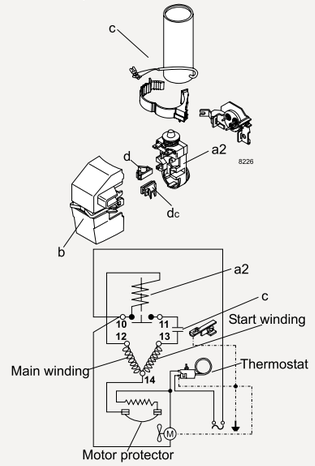
LST: Low Starting Torque
LST is used with capillary tube control and pressure equalizing. (Pressure equalizing may exceed 10 minutes).The PTC starting device requires 5 minutes cooling before each start.
HST: High Starting Torque
HST consisting of relay and starting capacitor is used for expansion valve control or for capillary tube control without pressure equalizing.

Legend

a1: PTC starting device
a2: Starting relay
a3: Starting device
a5: Starting relay
b: Cover
b1: Clamp (part of compressor)
b2: Gasket (part of compressor)
c: Starting capacitor
d: Cord relief
e: Run capacitor
f: Protector
g: Protection screen for PTC
h: Holder

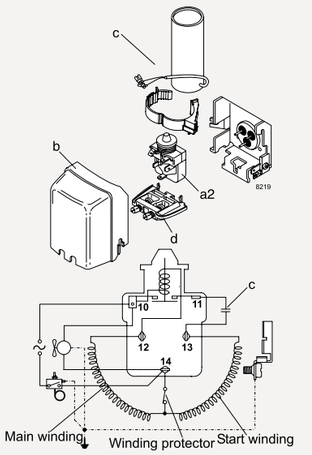
HST - CSIR

NF - external protector

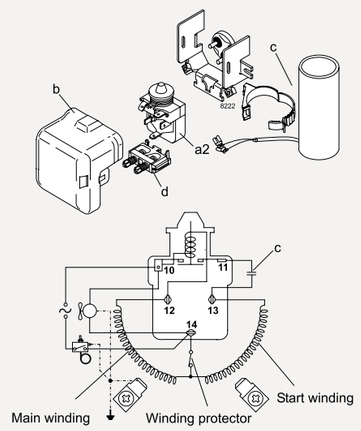


HST - CSIR

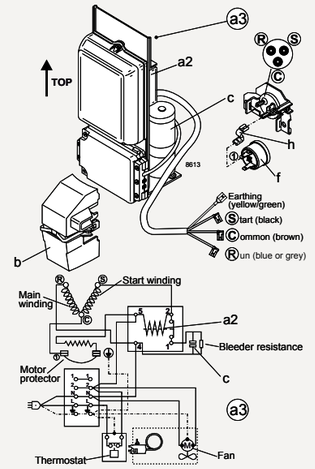
TL - NL- NLE



SC

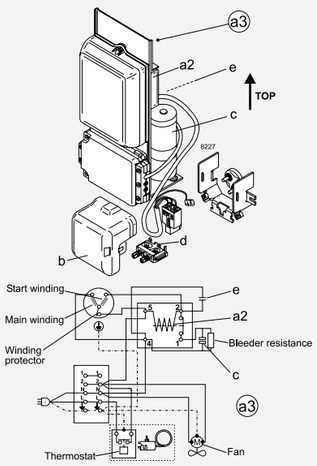


SC

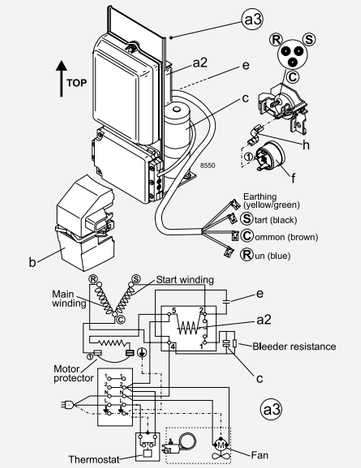


HST - CSCR

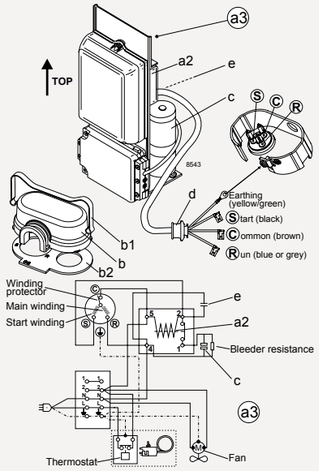
SC



SC - external protector



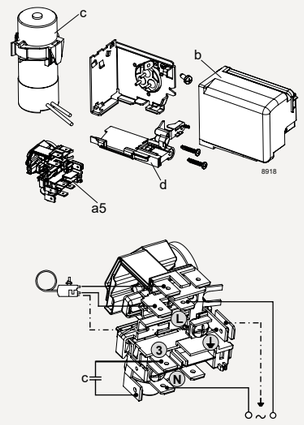
GS



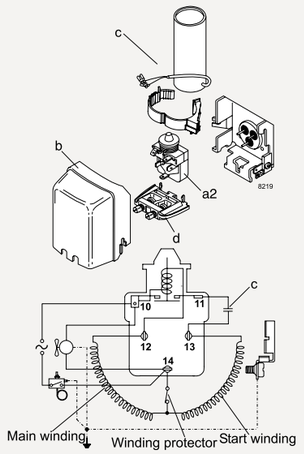
Electrical Equipment · Motor Systems Secop HC Compressors

HST - CSIR

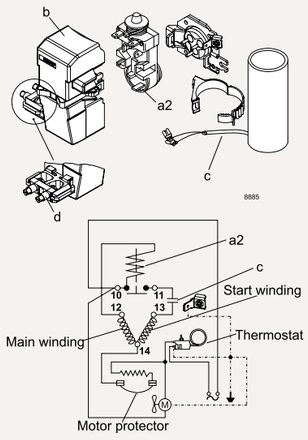
KLF - external protector



NLE

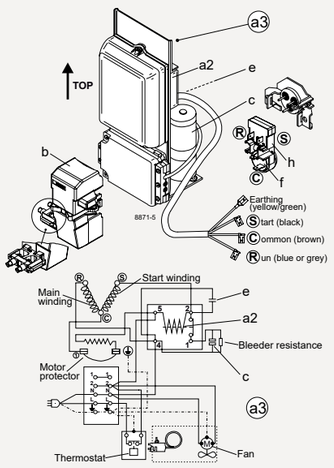


SCE - external protector

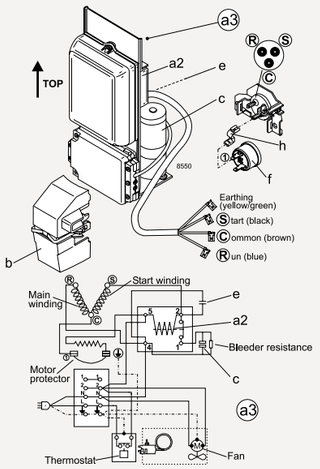


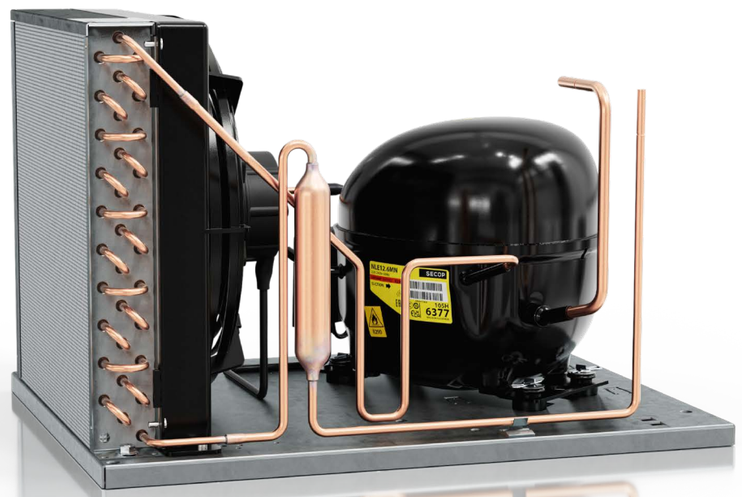
HST - CSCR

SCE - external protector

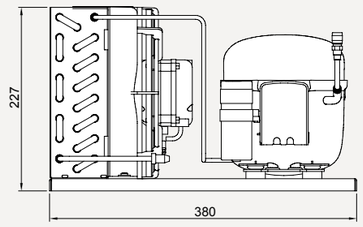


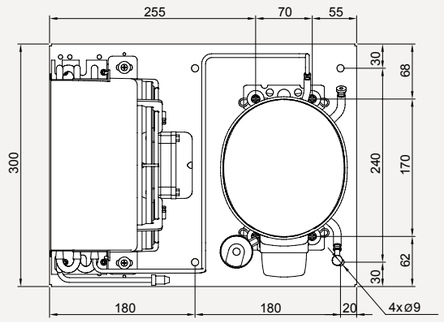
SCE - external protector



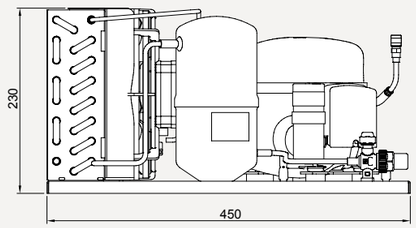


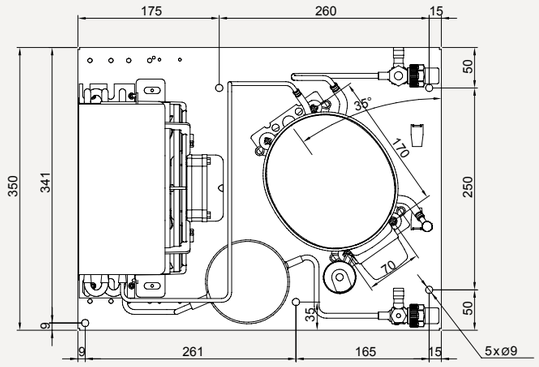
TL condensing unit, capillary connection



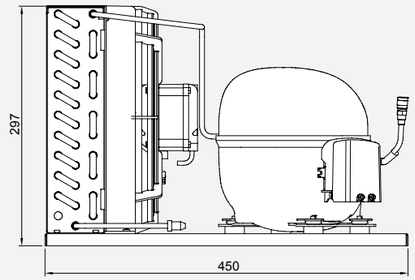


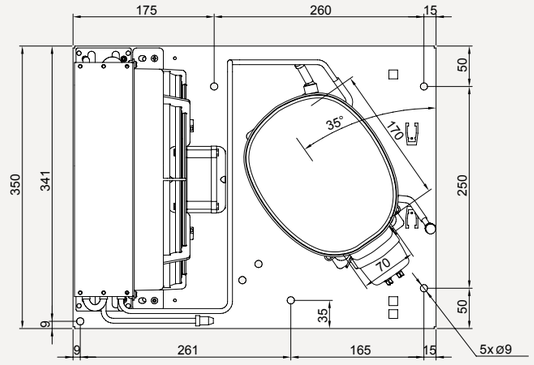
TL condensing unit, valve connection



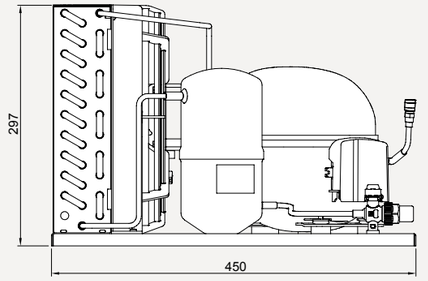


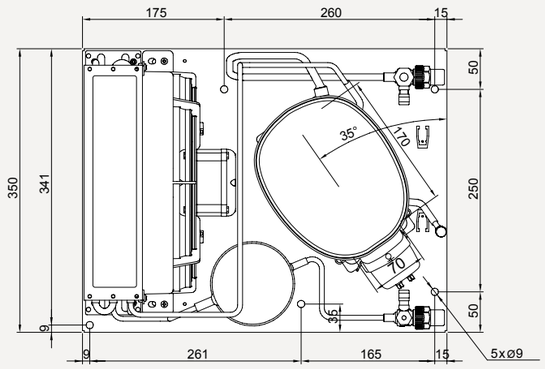
NL/E condensing unit, capillary connection (NF similar)



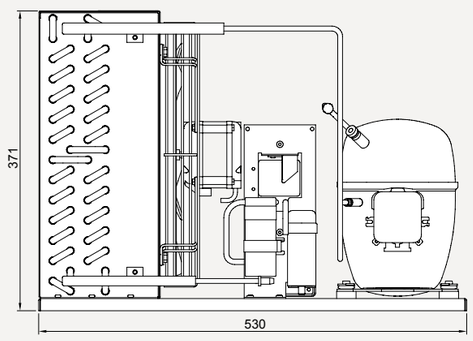


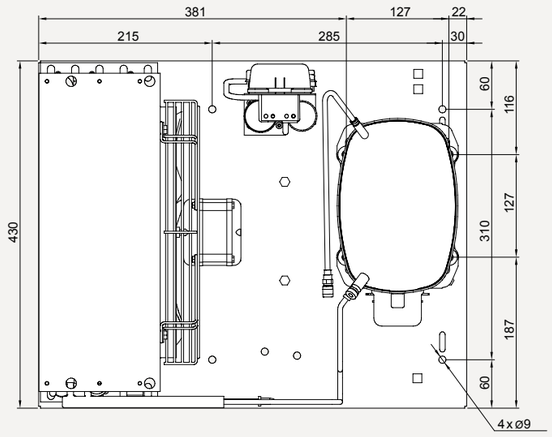
NL/E condensing unit, valve connection (NF similar)



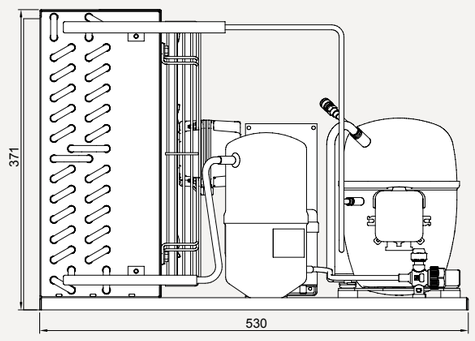


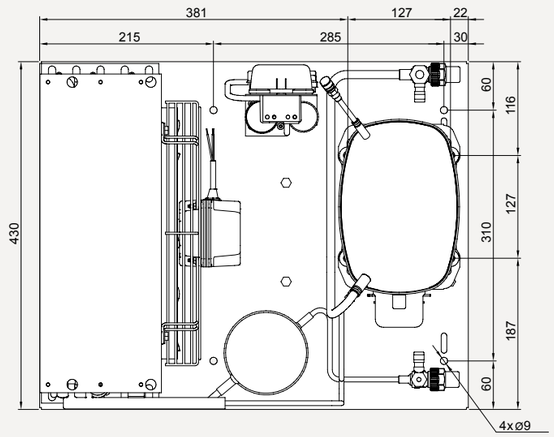
SC condensing unit, capillary connection



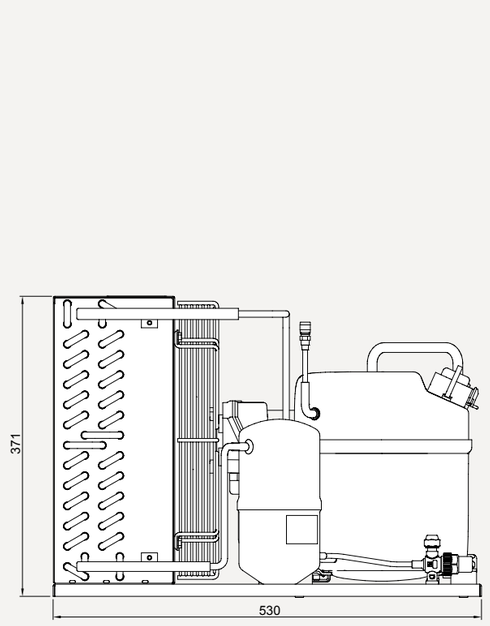


SC condensing unit, valve connection

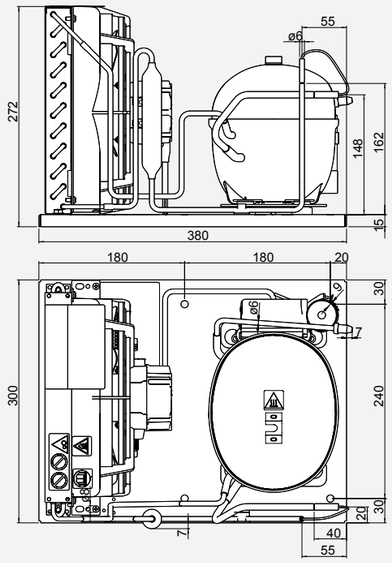




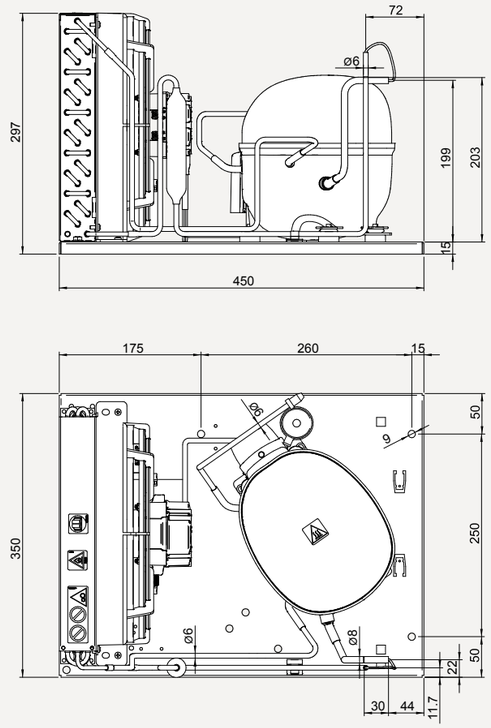
GS condensing unit, valve connection



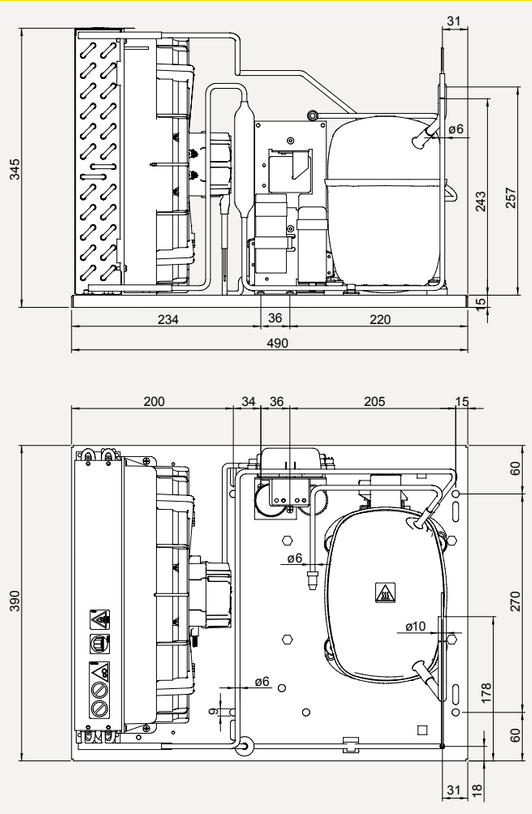
KLF condensing unit, capillary connection



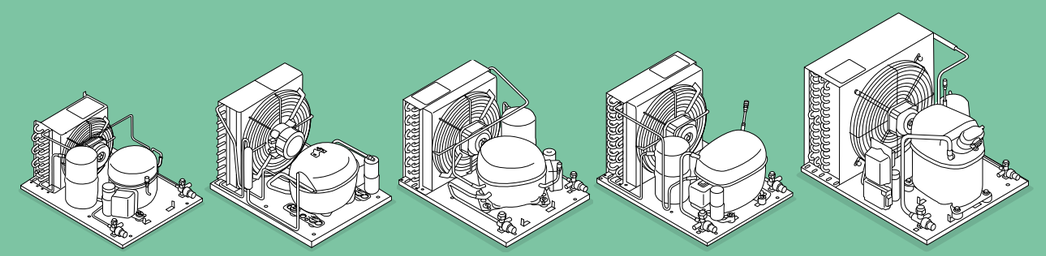
NLE condensing unit, valve connection



SCE condensing unit, capillary connection



FEATURES OF SECOP CONDENSING UNITS



YOUR BENEFITS

Secop condensing units, just as Secop hermetic compressors, are built to provide outstanding efficiency and reliability, they offer valuable savings – no matter the application or operating conditions.

The range of condensing units from Secop all draw upon more than 20 years of experience and award-winning technology.

As always, the ambition is to deliver the highest possible efficiency while meeting the latest global energy regulations, including the Ecodesign directives that powerfully contribute to improvements the environmental performance of products.

Secop propane (R290) condensing units save additional cost by utilizing smaller compressor platforms. With these compressors, Secop perfectly meets the increasing market demand for high efficiency and natural refrigerants with a very low GWP.

The KL-Series condensing units include an innovative patented hermetic terminal plug. Backed by years of experience with hydrocarbons refrigerants, testing of R290 solutions, and optimization of system conversion from HFC to HC refrigerants, Secop has developed a new design for terminal plugs to prevent root causes for electrical arcs injection with flammable refrigerants. This has set a benchmark in the industry to support the design of reliable systems with new flammable refrigerants.

Environment
→ VDE approved compressors for low GWP refrigerants
→ Easy conversion with new drop-in replacement refrigerants

Ecodesign
→ Complying with latest EU standards 2009/125/EC and 2015/1095 as well as EN 13215:2016 +A1:2020
→ Electronically commutated (EC) energy saving fan motors

Suitability for severe working conditions
→ Components selected to operate in the most challenging environments

Wide operational range
→ Compressors designed to operate in a wide range of evaporating temperatures

Compact design
→ Accurate compact design to match easy installation in limited space

Approvals
→ Ecodesign (EU) 2015/1108, CE, UKCA, and VDE

PLEASE NOTE

You can find data sheets for each individual condensing unit with specific dimensional drawings and 3D CAD files for each condensing unit on our website at: **www.secop.com**

SECOP GROUP: AROUND THE WORLD

12
international partner for advanced developments

33
laboratories located in Austria, Germany, Slovakia, China, US, and Turkey

160
R&D engineers and technicians

440
patents globally

50+
countries with customer support

THE GLOBAL COMPACT
WE SUPPORT

Secop is the expert for advanced hermetic compressor technologies and cooling solutions in commercial refrigeration. We develop high performance stationary and mobile cooling solutions for leading international commercial refrigeration manufacturers and are the first choice when it comes to leading hermetic compressors and electronic controls for refrigeration solutions for light commercial and DC-powered applications.

Secop was formerly known as Danfoss Compressors and is one of the founding fathers of modern compressor technology with years of experience that goes back to the beginning of the 1950s.

- **Flensburg:** Sales and R&D
- **Turin:** Sales
- **Gleisdorf:** R&D
- **Zlaté Moravce:** R&D, Logistics and Manufacturing
- **Tianjin:** Sales, R&D, Logistics and Manufacturing
- **Atlanta:** Sales and Logistics

Stationary Cooling

Mobile Cooling

Medical Cooling

Secop GmbH · Lise-Meitner-Str. 29 · 24941 Flensburg, Germany · Tel: +49 461 4941 0 · **www.secop.com**

Secop accepts no responsibility for possible errors in catalogs, brochures, and other printed material. Secop reserves the right to alter its products without notice. This also applies to products already on order provided that such alterations can be made without subsequential changes being necessary to specifications already agreed. All trademarks in this material are the property of the respective companies. Secop and the Secop logotype are trademarks of Secop GmbH. All rights reserved.

Produced by Secop | **June 2024**

DES.B.800.C5.02