WITH MORE THAN 60 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.

60 YEARS 1956-2016

SECOP

CONDENSING UNITS FOR AC VOLTAGE

R134a • R404A/R507 • 220-240 V • 50 Hz

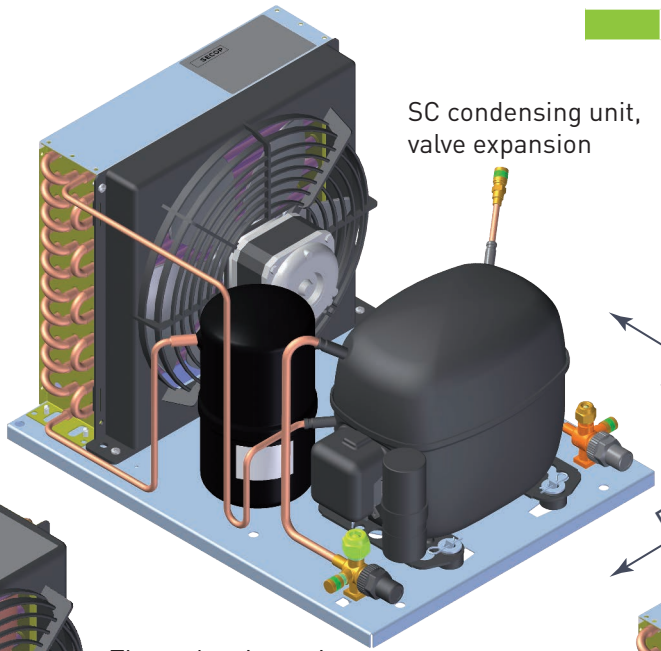
Condensing units • R134a • HBP • 220-240 V • 50 Hz

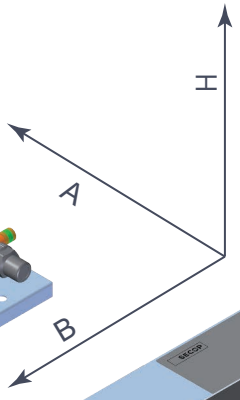
Condensing unit				Compressor			EN 12900 Capacity [W] no subcooling, Tsuc = 20 °C, Tamb = 32 °C Evaporating temperature [°C]					Power consumption no subcooling, Tc = 50 °C, Tsuc = 20 °C, Tevap = -10 °C		Dimensions		
Type designation	Code number	Application	Expansion	Type designation	Displacement [cm³]	Voltage and frequencies (* dual frequency type with 50/60 Hz)	0	-5	-10	-15	COP [W/W]	Watt input [W]	Ampere [A]	Depth A [mm]	Width B [mm]	Height H [mm]
CUTL5G00000C	214E0000	R134a - HBP	Capillary	TL5G	5.1	187-254 V, 50 Hz *	321	266	218	175	1.31	166	1.3	380	300	230
CUNL6.1MF00C	214E0001	R134a - HBP	Capillary	NL6.1MF	6.1	187-254 V, 50 Hz *	434	361	296	237	1.44	205	1.6	380	300	230
CUFR6G00000C	214E0002	R134a - HBP	Capillary	FR6G	6.2	187-254 V, 50 Hz *	406	337	275	221	1.45	190	1.2	380	300	230
CUFR7.5G000C	214E0003	R134a - HBP	Capillary	FR7.5G	6.9	187-254 V, 50 Hz *	441	366	299	240	1.39	215	1.3	380	300	230
CUNL7.3MF00C	214E0004	R134a - HBP	Capillary	NL7.3MF	7.3	187-254 V, 50 Hz *	532	444	364	293	1.42	255	1.9	380	300	275
CUFR8.5G000C	214E0005	R134a - HBP	Capillary	FR8.5G	7.95	187-254 V, 50 Hz *	499	419	346	281	1.37	253	1.6	380	300	230
CUNL8.4MF00C	214E0006	R134a - HBP	Capillary	NL8.4MF	8.4	187-254 V, 50 Hz *	591	495	409	331	1.41	290	2.2	380	300	275
CUFR10G0000C	214E0007	R134a - HBP	Capillary	FR10G	9.1	187-254 V, 50 Hz *	554	462	379	306	1.29	295	2.0	380	300	275
CUNL10MF000C	214E0008	R134a - HBP	Capillary	NL10MF	10.1	187-254 V, 50 Hz *	772	643	528	427	1.43	369	2.6	450	350	300
CUNL10MF000V	214E0009	R134a - HBP	Valve	NL10MF	10.1	187-254 V, 50 Hz *	772	643	528	427	1.43	369	2.6	450	350	300
CUNL11MF000C	214E0010	R134a - HBP	Capillary	NL11MF	11.1	187-254 V, 50 Hz	812	681	562	457	1.46	384	2.6	450	350	300
CUNL11MF000V	214E0011	R134a - HBP	Valve	NL11MF	11.1	187-254 V, 50 Hz	812	681	562	457	1.46	384	2.6	450	350	300
CUFR11G0000C	214E0012	R134a - HBP	Capillary	FR11G	11.2	187-254 V, 50 Hz	660	555	463	379	1.34	346	2.2	380	300	275
CUSC12G0000C	214E0013	R134a - HBP	Capillary	SC12G	12.9	187-254 V, 50 Hz *	858	711	579	463	1.45	400	2.6	450	350	300
CUSC15G0000C	214E0014	R134a - HBP	Capillary	SC15G	15.3	187-254 V, 50 Hz *	967	810	664	530	1.40	474	3.1	450	350	300
CUSC15MFX00C	214E0015	R134a - HBP	Capillary	SC15MFX	15.3	198-254 V, 50 Hz	1005	841	687	546	1.43	479	3.1	450	350	300
CUSC15MFX00V	214E0016	R134a - HBP	Valve	SC15MFX	15.3	198-254 V, 50 Hz	1005	841	687	546	1.43	479	3.1	450	350	300
CUSC18G0000C	214E0017	R134a - HBP	Capillary	SC18G	17.7	187-254 V, 50 Hz *	1149	957	784	629	1.40	558	3.4	450	350	300
CUSC18MFX00C	214E0018	R134a - HBP	Capillary	SC18MFX	17.7	187-254 V, 50 Hz *	1181	986	810	655	1.44	562	3.8	450	350	300
CUSC18MFX00V	214E0019	R134a - HBP	Valve	SC18MFX	17.7	187-254 V, 50 Hz *	1181	986	810	655	1.44	562	3.8	450	350	300
CUSC21G0000C	214E0020	R134a - HBP	Capillary	SC21G	21.0	187-254 V, 50 Hz *	1394	1169	963	776	1.45	662	3.5	490	390	350
CUSC21MFX00V	214E0021	R134a - HBP	Valve	SC21MFX	21.0	187-254 V, 50 Hz	1392	1167	965	787	1.50	644	4.6	490	390	350
CUGS26MFX00V	214E0022	R134a - HBP	Valve	GS26MFX	26.3	198-254 V, 50 Hz	1785	1509	1249	1011	1.61	778	3.5	490	390	350
CUGS34MFX00V	214E0023	R134a - HBP	Valve	GS34MFX	33.8	198-254 V, 50 Hz	2325	1959	1624	1323	1.63	995	5.0	530	430	375

= **Ecodesign** (comply with Ecodesign Directive 2009/125/CE, 2015/1095)

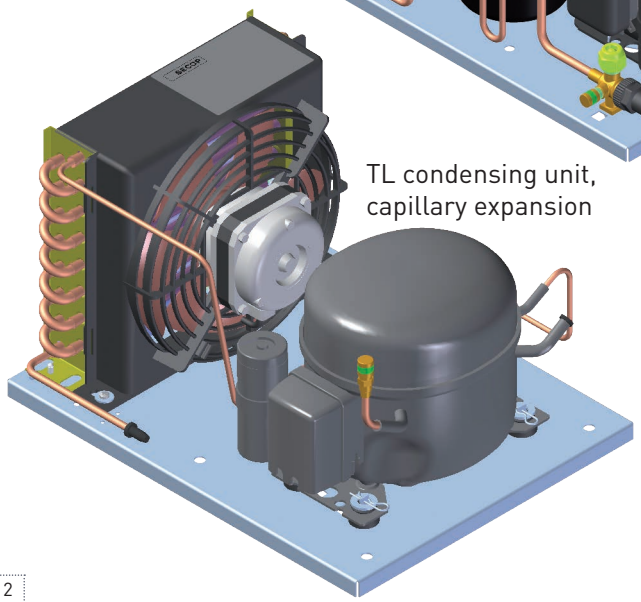
*** Note for 60 Hz operation:**
The application, evaporating temperature range or voltage range might be limited or differ to 50 Hz operation.
Please refer to the individual compressor data sheets.

SC condensing unit, valve expansion

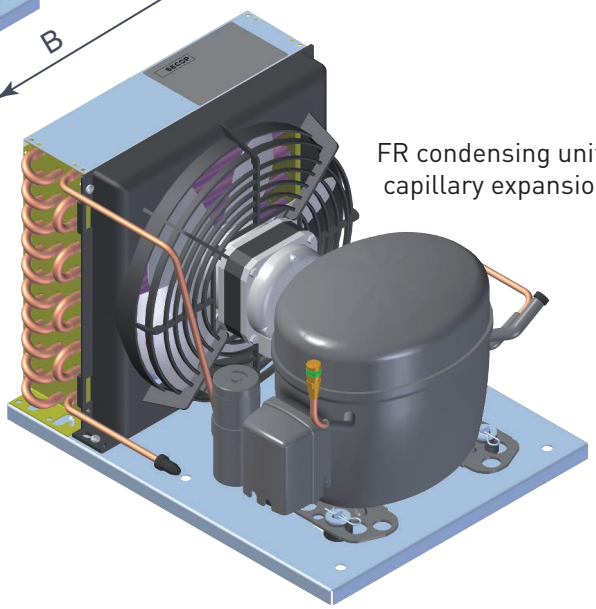




TL condensing unit, capillary expansion



FR condensing unit, capillary expansion



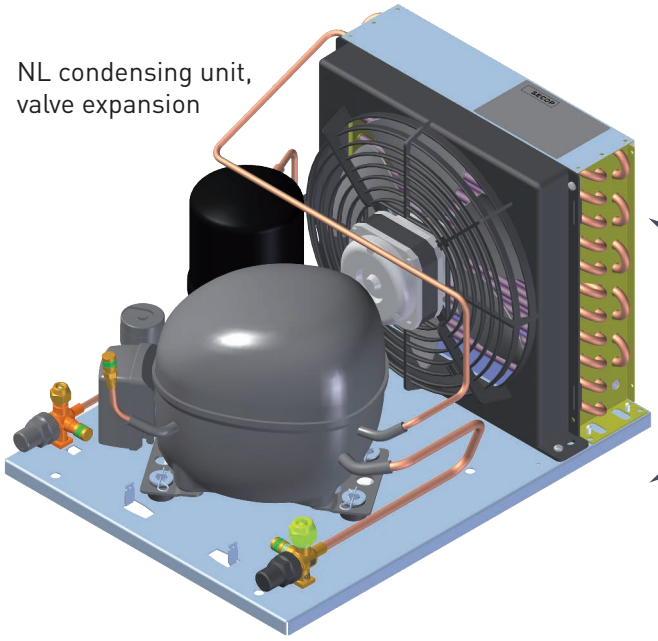
Condensing units • R404A/R507 • HBP • 220-240 V • 50 Hz

Condensing unit				Compressor			EN 12900 Capacity [W] no subcooling, Tsuc = 20 °C, Tamb = 32 °C Evaporating temperature [°C]					Power consumption no subcooling, Tc = 50 °C, Tsuc = 20 °C, Tevap = -10 °C		Dimensions		
Type designation	Code number	Application	Expansion	Type designation	Displacement [cm³]	Voltage and frequencies (* dual frequency type with 50/60 Hz)	0	-5	-10	-15	COP [W/W]	Watt input [W]	Ampere [A]	Depth A [mm]	Width B [mm]	Height H [mm]
CUTL4DL0000C	214E0100	R404A - HBP	Capillary	TL4DL	3.9	198-254 V, 50 Hz	389	330	277	236	1.21	230	1.5	380	300	230
CUNL6.1MLX0C	214E0101	R404A - HBP	Capillary	NL6.1MLX	6.1	187-254 V, 50 Hz *	646	561	480	403	1.34	359	2.5	380	300	275
CUFR6DL0000C	214E0102	R404A - HBP	Capillary	FR6DL	6.2	198-254 V, 50 Hz	645	556	473	399	1.21	390	2.3	450	350	300
CUNF7MLX000C	214E0103	R404A - HBP	Capillary	NF7MLX	7.3	187-254 V, 50 Hz *	851	731	620	517	1.33	467	3.5	450	350	300
CUNF7MLX000V	214E0104	R404A - HBP	Valve	NF7MLX	7.3	187-254 V, 50 Hz *	851	731	620	517	1.33	467	3,5	450	350	300
CUSC10MLX00C	214E0105	R404A - HBP	Capillary	SC10MLX	10.3	187-254 V, 50 Hz *	1036	902	773	651	1.31	592	4.1	450	350	300
CUSC10MLX00V	214E0106	R404A - HBP	Valve	SC10MLX	10.3	187-254 V, 50 Hz *	1036	902	773	651	1.31	592	4.1	450	350	300
CUSC12MLX00C	214E0107	R404A - HBP	Capillary	SC12MLX	12.9	187-254 V, 50 Hz *	1270	1107	949	801	1.37	693	4.6	450	350	300
CUSC12MLX00V	214E0108	R404A - HBP	Valve	SC12MLX	12.9	187-254 V, 50 Hz *	1270	1107	949	801	1.37	693	4.6	450	350	300
CUSC15MLX00C	214E0109	R404A - HBP	Capillary	SC15MLX	15.3	198-254 V, 50 Hz	1637	1416	1207	1015	1.40	861	5.1	490	390	350
CUSC15MLX00V	214E0110	R404A - HBP	Valve	SC15MLX	15.3	198-254 V, 50 Hz	1637	1416	1207	1015	1.40	861	5.1	490	390	350
CUSC18MLX00C	214E0111	R404A - HBP	Capillary	SC18MLX	17.7	198-254 V, 50 Hz	1892	1638	1399	1179	1.51	927	4.9	530	430	375
CUSC18MLX00V	214E0112	R404A - HBP	Valve	SC18MLX	17.7	198-254 V, 50 Hz	1892	1638	1399	1179	1.51	927	4.9	530	430	375
CUGS21MLX00V	214E0113	R404A - HBP	Valve	GS21MLX	21.2	198-254 V, 50 Hz	2283	1975	1680	1405	1.59	1058	5.0	530	430	375
CUGS26MLX00V	214E0114	R404A - HBP	Valve	GS26MLX	26.3	198-254 V, 50 Hz	2724	2388	2058	1741	1.55	1315	6.5	530	430	375
CUGS34MLX00V	214E0115	R404A - HBP	Valve	GS34MLX	33.8	198-254 V, 50 Hz	3638	3202	2775	2365	1.48	1880	10.0	530	530	430

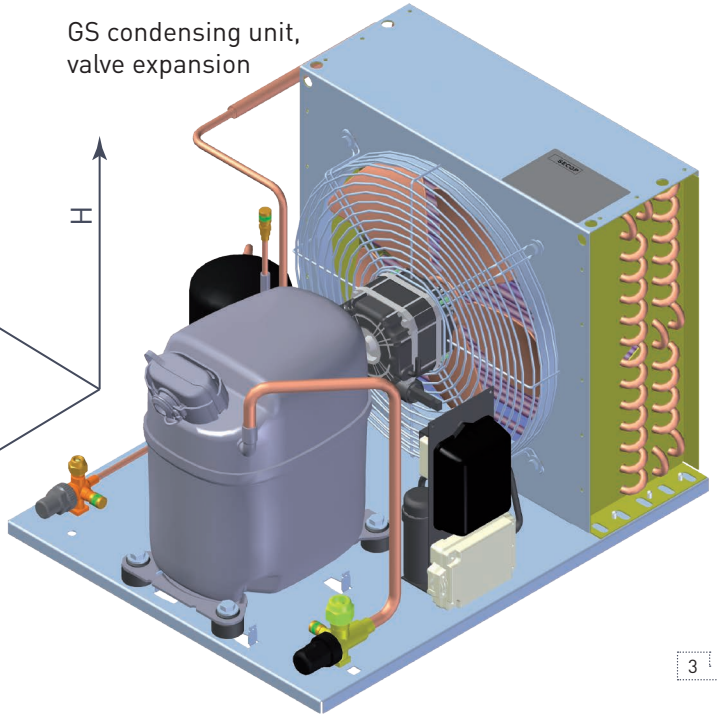
Condensing units • R404A/R507 • LBP • 220-240 V • 50 Hz

Condensing unit				Compressor			EN 12900 Capacity [W] no subcooling, Tsuc = 20 °C, Tamb = 32 °C Evaporating temperature [°C]						Power consumption no subcooling, Tc = 50 °C, Tsuc = 20 °C, Tevap = -20 °C		Dimensions		
Type designation	Code number	Application	Expansion	Type designation	Displacement [cm³]	Voltage and frequencies (* dual frequency type with 50/60 Hz)	-10	-20	-30	-35	-40	COP [W/W]	Watt input [W]	Ampere [A]	Depth A [mm]	Width B [mm]	Height H [mm]
CUTL4CL0000C	214E0116	R404A - LBP	Capillary	TL4CL	3.9	198-254 V, 50 Hz	283	196	129	102	80	0.77	185	1.4	380	300	230
CUNL7CLX000C	214E0117	R404A - LBP	Capillary	NL7CLX	7.3	198-254 V, 50 Hz	577	416	275	215	163	0.86	348	2.1	380	300	275
CUNL8.4CLX0C	214E0118	R404A - LBP	Capillary	NL8.4CLX	8.4	198-254 V, 50 Hz	606	441	294	231	175	0.84	387	2.5	380	300	275
CUNL8.4CLX0V	214E0119	R404A - LBP	Valve	NL8.4CLX	8.4	198-254 V, 50 Hz	606	441	294	231	175	0.84	387	2.5	450	350	275
CUSC12CLX.2C	214E0120	R404A - LBP	Capillary	SC12CLX.2	12.3	198-254 V, 50 Hz *	872	626	414	323	244	0.76	599	3.9	450	350	300
CUSC12CLX.2V	214E0121	R404A - LBP	Valve	SC12CLX.2	12.3	198-254 V, 50 Hz *	872	626	414	323	244	0.76	599	3.9	450	350	300
CUSC15CLX.2C	214E0122	R404A - LBP	Capillary	SC15CLX.2	15.3	198-254 V, 50 Hz	1078	771	507	395	296	0.80	698	4.4	450	350	300
CUSC15CLX.2V	214E0123	R404A - LBP	Valve	SC15CLX.2	15.3	198-254 V, 50 Hz	1078	771	507	395	296	0.80	698	4.4	450	350	300
CUSC18CL000C	214E0124	R404A - LBP	Capillary	SC18CL	17.7	198-254 V, 50 Hz	1238	888	583	452	337	0.88	762	4.4	490	390	350
CUSC21CL000V	214E0125	R404A - LBP	Valve	SC21CL	21.2	198-254 V, 50 Hz	1340	969	650	511	386	0.87	863	4.6	490	390	350
CUGS26CLX00V	214E0126	R404A - LBP	Valve	GS26CLX	26.3	198-254 V, 50 Hz	1842	1338	887	690	515	0.94	1114	4.8	530	430	375
CUGS34CLX00V	214E0127	R404A - LBP	Valve	GS34CLX	33.8	198-254 V, 50 Hz	2481	1817	1222	961	731	0.96	1484	7.4	530	430	375

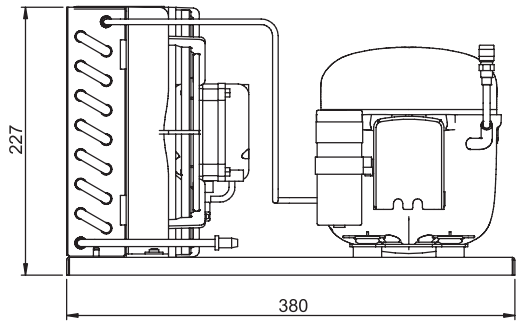
NL condensing unit, valve expansion

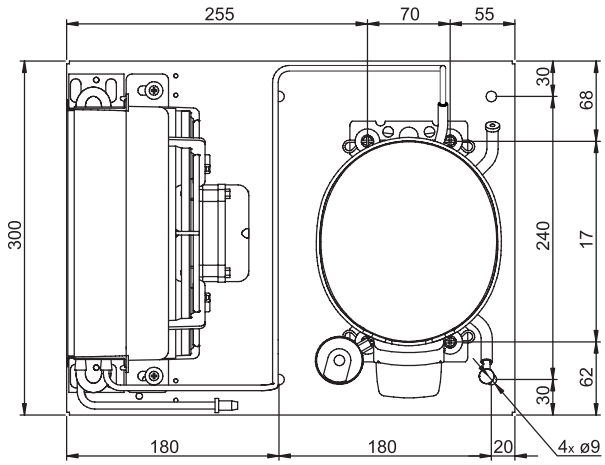


GS condensing unit, valve expansion

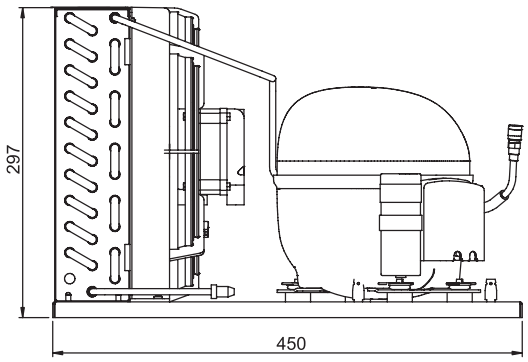


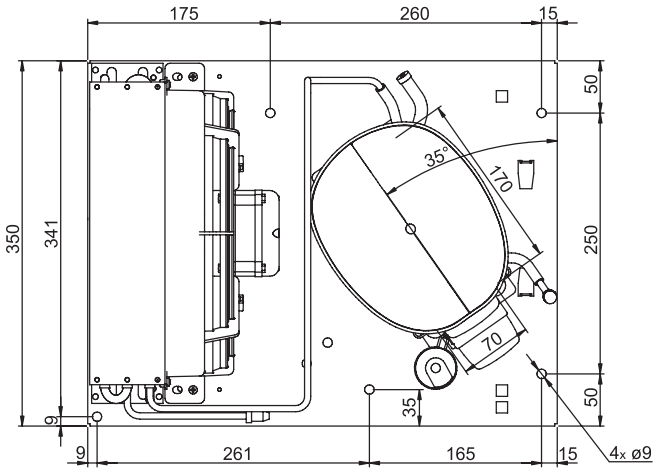
TL condensing unit, capillary expansion



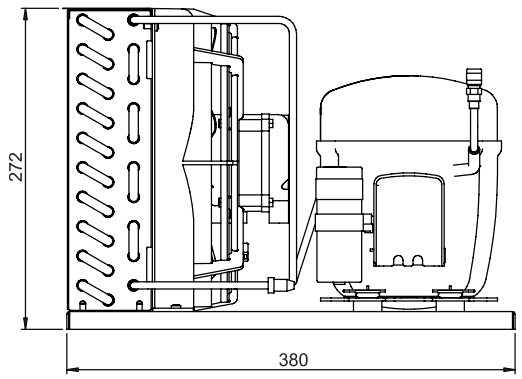


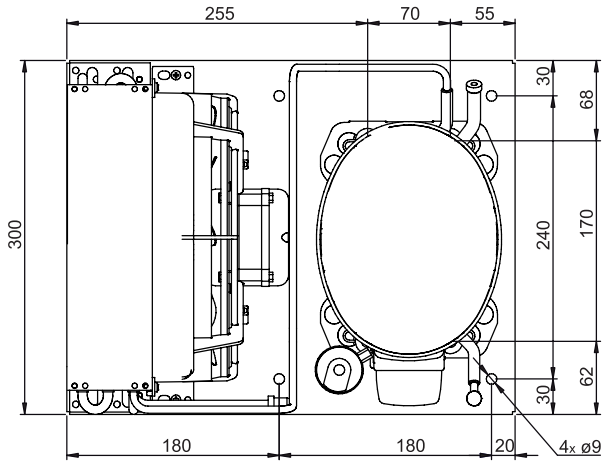
NL condensing unit, capillary expansion (NF similar)



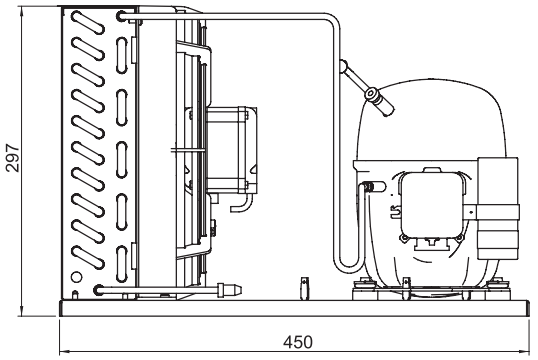


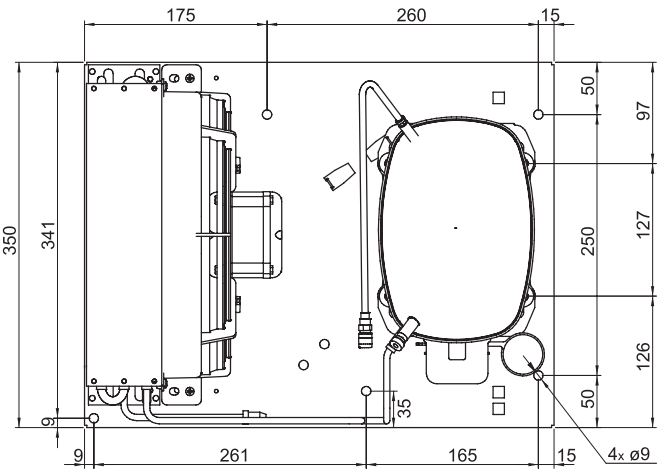
FR condensing unit, capillary expansion



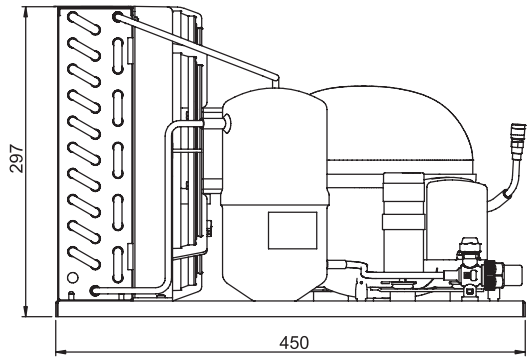


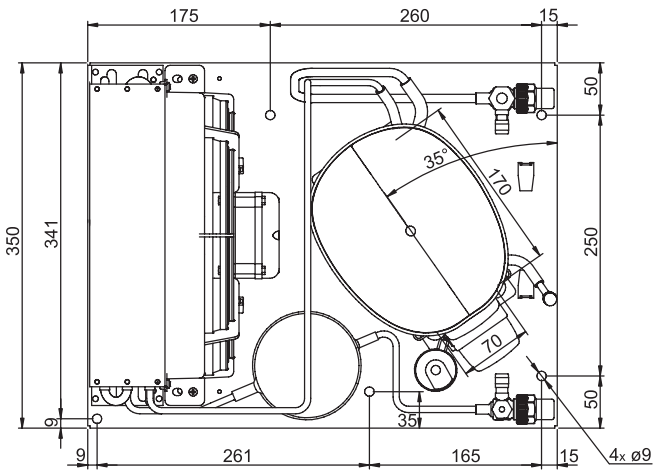
SC condensing unit, capillary expansion



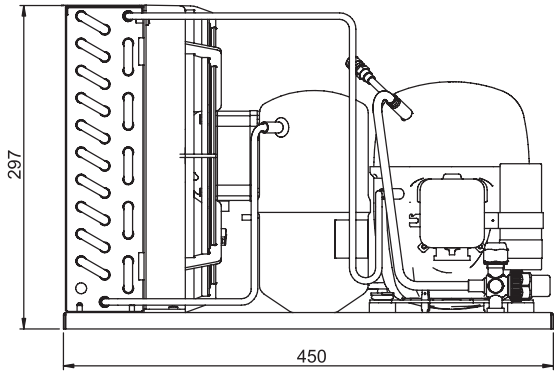


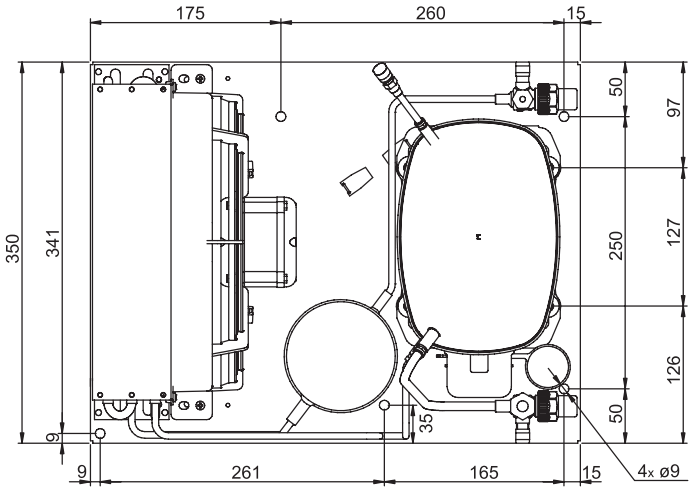
NL condensing unit, valve expansion (NF similar)



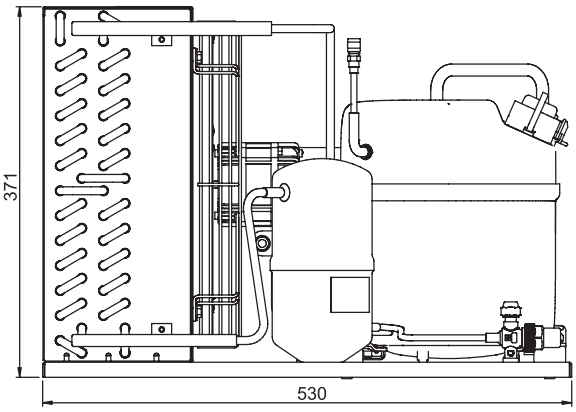


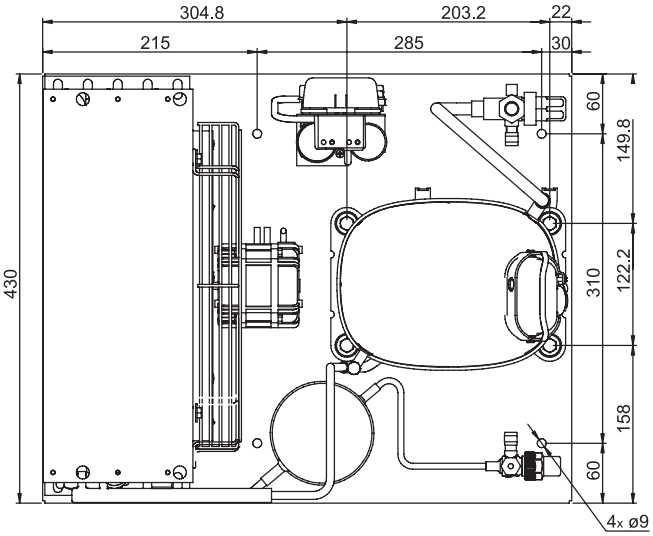
SC condensing unit, valve expansion





GS condensing unit, valve expansion





Motor types / Starting devices

RSIR: Resistant Start Induction Run

RSCR: Resistant Start Capacitor Run

CSIR: Capacitor Start Induction Run

CSR: Capacitor Start 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

b: Cover

b1: Clamp (part of compressor)

b2: Gasket (part of compressor)

c: Starting capacitor

d: Cord relief

e: Run capacitor

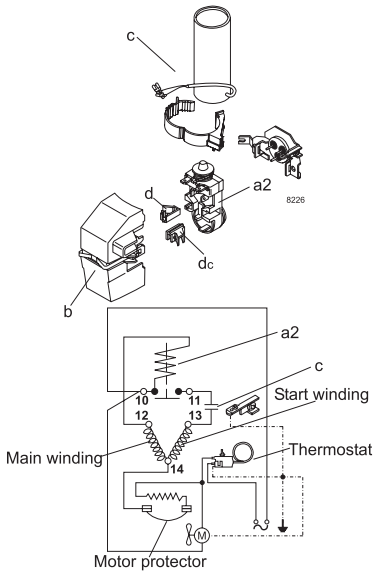
f: Protector

g: Protection screen for PTC

h: Holder

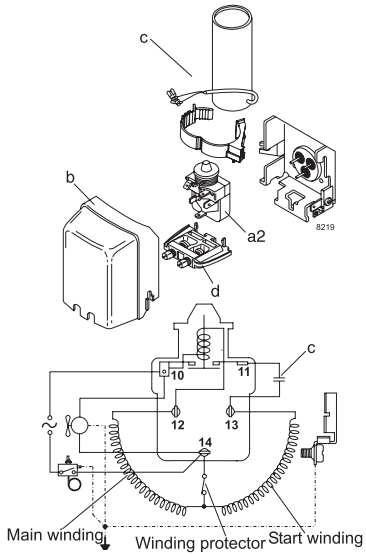
HST - CSIR

NF - external protector

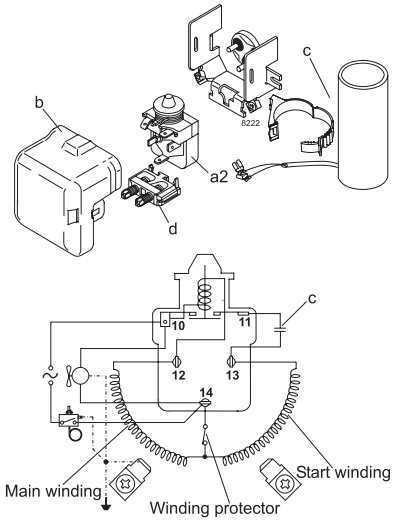


HST - CSIR

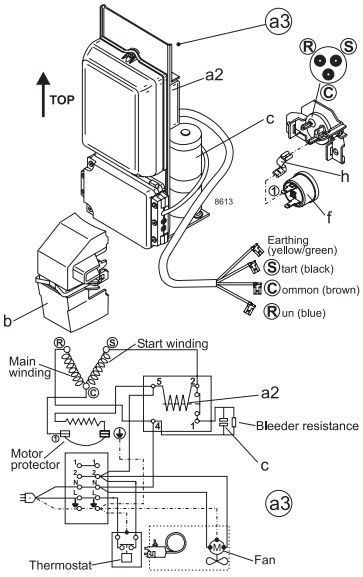
TL-NL-FR



SC

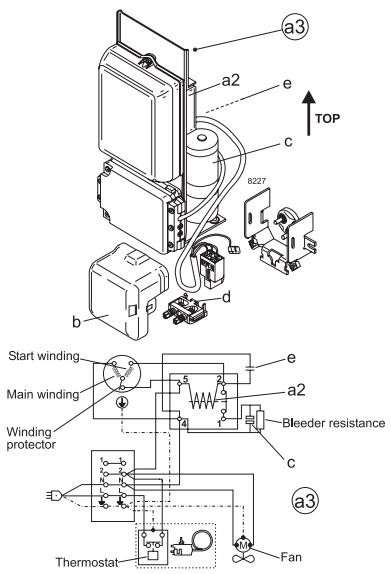


SC

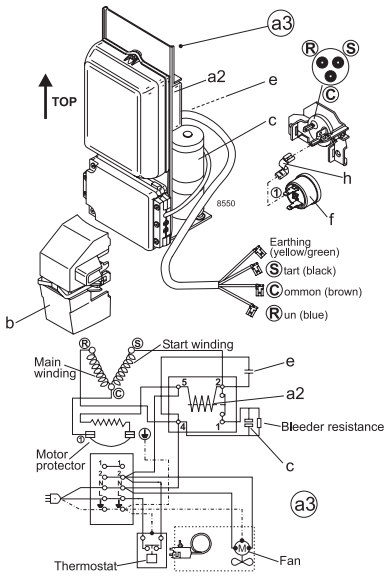


HST - CSR

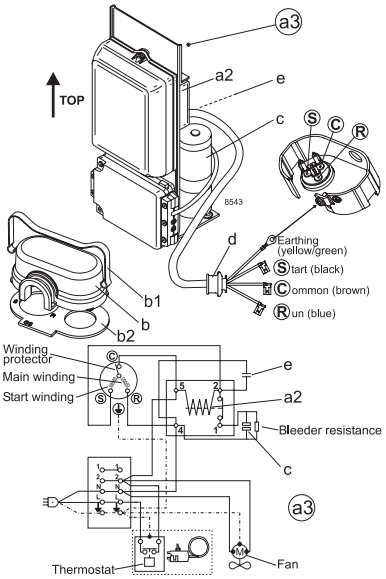
SC



SC - external protector



GS



ECODESIGN
→ Complying with the latest EU standards 2009/125/EC

SUITABILITY FOR SEVERE WORKING CONDITIONS
→ Components selected to operate in the most challenging environments

POSSIBILITY OF DUAL FREQUENCY
→ Selected models offer 50/60 Hz operation

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

OUR IDENTITY

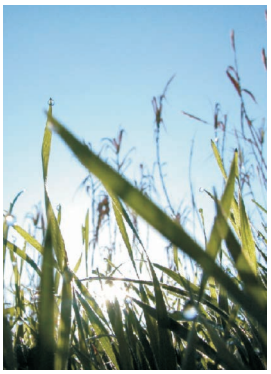
At Secop we are committed to our industry and are genuinely passionate about the difference we are able to make for our customers. We understand their business and objectives and the challenges of today's world of refrigeration and cooling systems.

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.

A NEWCOMER WITH 60 YEARS OF EXPERIENCE

Formerly known as Danfoss Compressors, Secop is one of the founding fathers of modern compressor technology with an experience that goes back to the beginning of the 1950s.

For more than 25 years, Secop has been setting the standard in compressor technology by developing highly efficient variable speed compressors and by compressors working with hydrocarbons (R290 and R600a).



OUR JOURNEY SO FAR

1956 Production facility and headquarters in Flensburg, Germany founded.

1958 Start of production for PW compressors.

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

1972 Introduction of FR compressors.

1977 Introduction TL and BD compressors.

1990 Introduction of NL compressors.

1992 Introduction of 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 of 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.

2015 New generation of energy-efficient propane compressors. New variable speed platforms for household and light commercial applications.

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Produced by Secop | August 2016

DES.B.800.A1.02