MAKING MODERN LIVING POSSIBLE

R404A/R507 • R134a • R290

Danfoss Compressors

Commercial freezers

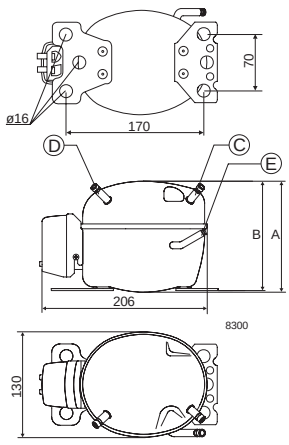
220-240 V • 50 Hz & 60 Hz • LBP

REFRIGERATION &
AIR CONDITIONING DIVISION

Quick reference

Refrigerant	Frequency	Compressor	Code numbers: Compressor	Code numbers: Compressor with oil cooling	Horsepower (approx.)	EN 12900 (CECOMAF) Capacity [W] — Evaporating temperature [°C]: -45	-40	-35	-30	-25	-23.3	-20	-15	-10	-5	EN 12900 (CECOMAF) Power consumption [W] — Evporating temp. [°C]: -25	-10	Displacement [cm³]
R134a	50 Hz	PL50F	101G0220		1/12			14	26	40	45	56	74	95		60	86	2.50
		TLS3FT	102G4324		1/10			21	34	50	56	69	92	120		62	92	3.13
		TLS4FT	102G4424		1/8			27	43	63	71	88	117	152		87	123	3.86
		TLS5FT	102G4524		1/6			48	71	98	109	131	170	216		114	165	5.08
		NL6FT	105G6628		1/5			60	84	115	127	152	198	253		123	184	6.13
		NL7FT	105G6728	105G6738	1/4			71	100	136	150	181	235	299		145	220	7.27
		NL9FT	105G6828	105G6838	1/3			87	120	162	178	213	275	350		169	252	8.35
		NL10FT	105G6829	105G6839	3/8			113	158	213	235	281	361	455		217	327	10.10
		SC12FT	104G8205	104G8215	3/8			103	163	233	259	314	408	517	645	265	380	12.87
		SC15FT	104G8505		1/2			126	197	280	311	376	489	620	772	311	451	15.28
		SC18FTX	104G8805		5/8			144	229	325	361	437	567	719	896	365	517	17.68
		SC21FTX	104G8105		3/4			192	296	415	460	553	713	901	1119	428	613	20.95
	60 Hz	PL35G	101G0250		1/16					34	39	48	64	82	104	52	79	2.00
		TL2.5G	102G4251		1/16			14	27	42	48	60	80	105	134	67	96	2.61
		TL3G	102G4350		1/12				30	47	54	69	95	125		70	111	3.13
		TL4G	102G4452		1/10				48	70	78	96	127	166		87	135	3.86
		TL5G	102G4550		1/8				65	92	102	123	162	207		106	170	5.08
		FR6G	103G6660		1/6				51	93	108	141	199	266		119	197	6.23
		FR7.5G	103G6680	103G6690	1/5				67	112	130	166	228	300		138	229	6.93
		FR8.5G	103G6780	103G6790	1/4				92	138	156	195	263	345		164	273	7.95
		FR10G	103G6880	103G6890	1/3				99	153	173	217	292	381		194	314	9.05
		SC12FT	104G8205	104G8215	1/2			125	192	272	302	366	477	608	761	298	458	12.87
		SC15FT	104G8505		5/8			154	235	330	365	441	571	724	904	356	537	15.28
		SC18FTX	104G8805		3/4			187	280	390	432	520	675	857	1071	420	622	17.68
		SC21FTX	104G8106		7/8			240	345	470	518	620	800	1012	1262	475	707	20.95
R404A/R507	50 Hz	TL4CL	102U2071		1/8	52	65	84	110	142	155	182	230	286	352	140	198	3.86
		FR6CL	103U2670		1/6	77	108	145	189	243	263	307	383	473	578	242	353	6.23
		FR7.5CL	103U2790		1/5	86	114	154	202	262	285	333	418	515	630	267	395	6.93
		FR8.5CL	103U2890		1/4	99	126	168	222	290	317	372	468	577		315	472	7.95
		NL7CLX	105F3710		1/3	102	146	199	263	340	369	430	536	657	796	274	381	7.27
		SC10CLX	104L2533		1/3			166	255	360	400	483	625	789	977	352	508	10.29
		SC12CL	104L2623		3/8	58	140	237	353	490	541	650	835	1048	1292	445	654	12.87
		SC12CLX.2	104L2697		1/2	130	205	294	399	522	569	666	834	1026		475	659	12.87
		SC15CL	104L2853		1/2		151	299	452	615	673	792	988	1208	1458	560	790	15.28
		SC15CLX.2	104L2896		1/2	159	250	358	486	637	694	813	1017	1251	1519	565	783	15.28
		SC18CL	104L2123		5/8	167	271	395	542	715	781	918	1154	1425	1735	615	894	17.68
		SC18CLX.2	104L2197		3/4	194	306	439	595	780	849	995	1245	1532		680	949	17.68
		SC21CL	104L2322		7/8	226	325	455	617	813	887	1042	1306	1606		702	989	20.95
		GS26CLX	107B0500		1	325	497	703	949	1240	1348	1580	1974	2427		888	1285	26.30
		GS34CLX	107B0501		1 1/4		729	1003	1330	1715	1857	2165	2687	3289		1196	1721	33.80
	60 Hz	SC10CLX	104L2533		3/8			224	335	455	499	588	738	906	1096	430	623	10.29
		SC12CLX	104L2695		1/2		146	282	429	590	649	770	972	1200		540	748	12.87
		SC12CLX.2	104L2697		1/2	155	233	343	473	626	683	804	1011	1248		541	777	12.87
		SC15CLX	104L2854		5/8		179	351	530	720	788	928	1158	1417		610	864	15.28
		SC15CLX.2	104L2897		5/8	194	305	437	593	776	846	991	1239	1525		611	848	15.28
		SC18CLX.2	104L2195		7/8	113	338	542	737	938	1010	1157	1410	1708		752	990	17.68
		GS21CLX ❍	107B0506		1		475	674	905	1172	1270	1480	1873	2246		868	1180	21.20
R290	50 Hz	TL3CN ❍	102H4380		1/10					106				200		106	140	3.13
		TL4CN ❍	102H4490		1/8		56			126				255		128	155	3.86
		TL5CN	102H4590		1/6		81	109	143	183	198	230	283	345	416	162	211	5.08
		NL7CN	105H6756		1/4		118	166	223	290	315	368	458	561	679	221	291	7.27
		NL9CN	105H6856		1/3		138	194	259	335	364	423	526	643	778	250	334	8.35
		SC10CNX	104H8065		1/3		126	179	245	325	355	420	531	660	809	274	362	10.29
		SC12CNX	104H8265		3/8		178	250	331	426	462	540	678	846	1050	344	456	12.87
		SC12CNX.2	104H8266		3/8		186	258	346	453	493	578	725	895		379	502	12.87
		SC15CNX	104H8565		1/2		195	297	415	550	601	707	887	1093	1328	420	560	15.28
		SC15CNX.2	104H8566		1/2		252	332	434	560	609	714	900	1120		445	610	15.28
		SC18CNX	104H8865		5/8		219	341	480	640	700	824	1033	1272	1543	500	707	17.68
		SC18CNX.2	104H8866		5/8		244	384	531	689	747	863	1057	1273		541	682	17.68
		SC21CNX.2	104H8166		3/4		339	492	654	828	891	1020	1233	1471		623	855	20.95

PL



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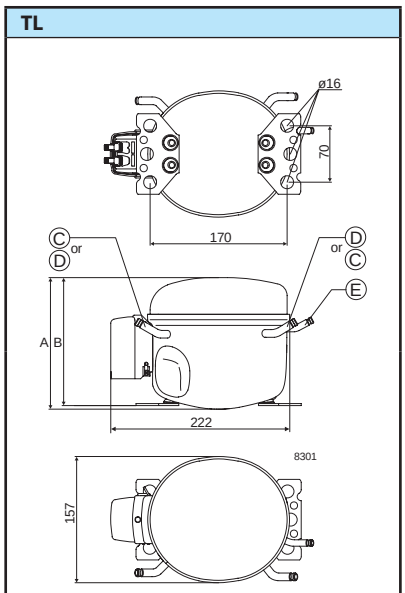

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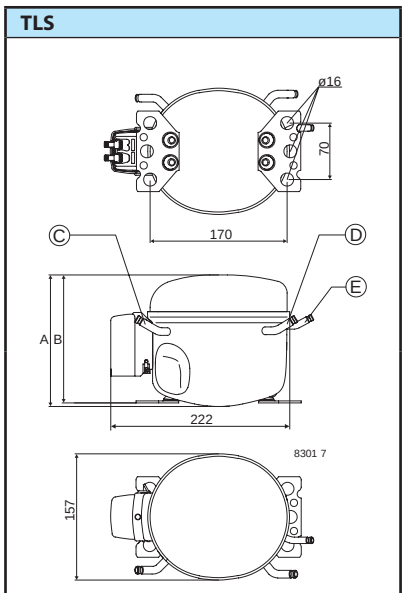

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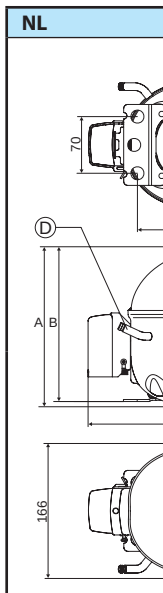
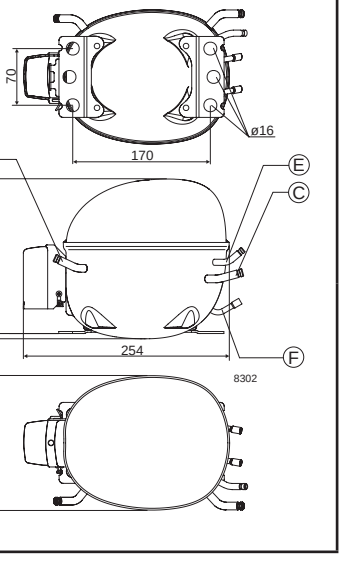


Displacement	Recommended compressor cooling at ambient temperature									Voltage and frequencies	Electrical Equipment								Single pack code number	Compressor
	32°C			38°C			43°C				LST (RSIR)		HST (CSIR)		HST (CSR)		LST/HST			
											PTC Starting device		Starting relay	Starting capacitor	Starting device	Starting kit	Cord relief	Cover		
											spades		spades		spades	spades				
[cm³]	LBP	MBP	HBP	LBP	MBP	HBP	LBP	MBP	HBP		6.3 mm	4.8 mm	6.3 mm	6.3 mm	6.3 mm	6.3 mm				
2.50	S			S						1	103N0011	103N0018					103N1010	103N0491	195B0117	**PL50F**
3.13	S			S			S			2	103N0011	103N0018	117U6007	117U5014			103N1010	103N2010	on request	**TLS3FT**
3.86	S			S			S			2	103N0011	103N0018	117U6004	117U5014			103N1010	103N2010	195B0463	**TLS4FT**
5.08	S			S			S			2	103N0011	103N0018	117U6000	117U5014			103N1010	103N2010	195B0321	**TLS5FT**
6.13	S			S			S			2/3	103N0011	103N0018	117U6000	117U5015			103N1010	103N2010	195B0296	**NL6FT**
7.27	S			S			O/F$_1$			2	103N0011	103N0018	117U6001	117U5015			103N1010	103N2010	195B0417 (O)	**NL7FT**
8.35	S			O/F$_1$			O/F$_1$			2	103N0011	103N0018	117U6015	117U5015			103N1010	103N2010	195B0313	**NL9FT**
10.10	S			O/F$_1$			O/F$_1$			2	103N0011	103N0018	117U6002	117U5015			103N1010	103N2010	195B0327	**NL10FT**
12.87	O/F$_1$			O/F$_1$			F$_2$			2/3	103N0002		117U6003	117U5017			103N1004	103N2009	195B0282 (O)	**SC12FT**
15.28	F$_2$			F$_1$			F$_1$			2/3	103N0002		117U6005	117U5017			103N1004	103N2009	195B0407	**SC15FT**
17.68	F$_2$			F$_2$			F$_2$			2/3			117U6019	117U5017			103N1004	103N2009	195B0408	**SC18FTX**
20.95	F$_2$			F$_2$			F$_2$			2			117U6019	117U5017			103N1004	103N2009	on request	**SC21FTX**
2.00		F$_2$	F$_2$		F$_2$	F$_2$				1/5	103N0011	103N0018	117U6021	117U5014			103N1010	103N0491	195B0245	**PL35G**
2.61	S	S	S	S	S	S	S	S	F$_2$	1/2/3/4	103N0011	103N0018	117U6007	117U5014			103N1010	103N2011	195B0268	**TL2.5G**
3.13	S			S			S			1/2/3	103N0011	103N0018	117U6009	117U5014			103N1010	103N2010	195B0006	**TL3G**
3.86	S			S			S			1/2/3	103N0011	103N0018	117U6004	117U5014			103N1010	103N2010	195B0008	**TL4G**
5.08	S			S			S			1/2/3	103N0011	103N0018	117U6000	117U5014			103N1010	103N2010	195B0011	**TL5G**
6.23	S			S			S			1/2/3	103N0011	103N0018	117U6000	117U5015			103N1010	103N2010	195B0023	**FR6G**
6.93	S			S			O/F$_1$			1/2/3	103N0011	103N0018	117U6001	117U5015			103N1010	103N2010	195B0024	**FR7.5G**
7.95	S			O/F$_1$			O/F$_1$			1/2/3	103N0011	103N0018	117U6015	117U5015			103N1010	103N2010	195B0026	**FR8.5G**
9.05	S			O/F$_1$			O/F$_1$			1/2/3	103N0011	103N0018	117U6010	117U5015			103N1010	103N2010	195B0027	**FR10G**
12.87	O/F$_1$			O/F$_1$			F$_2$			2/3	103N0002		117U6003	117U5017			103N1004	103N2009	195B0282	**SC12FT**
15.28	F$_1$			F$_1$			F$_1$			2/3	103N0002		117U6005	117U5017			103N1004	103N2009	195B0407	**SC15FT**
17.68	F$_2$			F$_2$			F$_2$			2/3			117U6019	117U5017			103N1004	103N2009	195B0408	**SC18FTX**
20.95	F$_2$			F$_2$			F$_2$			9					117-7038		103N1004	103N2008	on request	**SC21FTX**
3.86	F$_2$	F$_2$		F$_2$	F$_2$					1			117U6000	117U5014			103N1010	103N2010	195B0021	**TL4CL**
6.23	F$_2$	F$_2$		F$_2$	F$_2$					1			117U6015	117U5015			103N1010	103N2010	195B0031	**FR6CL**
6.93	F$_2$	F$_2$		F$_2$	F$_2$					1			117U6016	117U5015			103N1010	103N2010	195B0398	**FR7.5CL**
7.95	F$_2$			F$_2$						1			117U6010	117U5015			103N1010	103N2010	195B0038	**FR8.5CL**
7.27	F$_1$	F$_1$		F$_1$	F$_1$		F$_2$	F$_2$		1	103N0011	103N0018	117U6002	117U5015			103N1010	103N2010	195B0350	**NL7CLX**
10.29	F$_2$	F$_2$		F$_2$	F$_2$					1/3			117U6005	117U5017			103N1004	103N2008	195B0151	**SC10CLX**
12.87	F$_2$	F$_2$		F$_2$	F$_2$					1			117U6005	117U5017			103N1004	103N2009	195B0076	**SC12CL**
12.87	F$_2$			F$_2$			F$_2$			1/3			117U6019	117U5017			103N1004	103N2008	195B0379	**SC12CLX.2**
15.28	F$_2$	F$_2$		F$_2$	F$_2$					1			117U6019	117U5017			103N1004	103N2009	195B0088	**SC15CL**
15.28	F$_2$			F$_2$			F$_2$			1			117U6019	117U5017			103N1004	103N2009	195B0399	**SC15CLX.2**
17.68	F$_2$	F$_2$		F$_2$	F$_2$					1					117-7012		103N1004	103N2009	195B0066	**SC18CL**
17.68	F$_2$			F$_2$			F$_2$			1			117U6013	117U5012			103N1004	103N2009	195B0332	**SC18CLX.2**
20.95	F$_2$			F$_2$						1					117-7012		103N1004	103N2009	195B0070	**SC21CL**
26.30	F$_2$			F$_2$			F$_2$			1					117-7056		107B9100/9101/9104*		195B0427	**GS26CLX**
33.80	F$_2$			F$_2$			F$_2$			1					117-7074		107B9100/9101/9104*		195B0439	**GS34CLX**
10.29	F$_2$	F$_2$		F$_2$	F$_2$					1/3			117U6005	117U5017			103N1004	103N2008	195B0151	**SC10CLX**
12.87	F$_2$			F$_2$						3			117U6019	117U5017			103N1004	103N2008	195B0247	**SC12CLX**
12.87	F$_2$			F$_2$			F$_2$			1/3			117U6019	117U5017			103N1004	103N2008	195B0379	**SC12CLX.2**
15.28	F$_2$			F$_2$						3					117-7038		103N1004	103N2008	195B0210	**SC15CLX**
15.28	F$_2$			F$_2$			F$_2$			9					117-7038		103N1004	103N2008	195B0357	**SC15CLX.2**
17.68	F$_2$			F$_2$			F$_2$			9					117-7066		103N1004	103N2008	195B0428	**SC18CLX.2**
21.20	F$_2$			F$_2$			F$_2$			9					117-7073		107B9100/9101/9104*		on request	❍ **GS21CLX**
3.13	F$_1$	F$_1$		F$_1$	F$_1$		F$_1$	F$_1$		1	103N0011	103N0018	117U70xx	117U5014			103N1010	103N2010	on request	❍ **TL3CN**
3.86	F$_1$	F$_1$		F$_1$	F$_1$		F$_1$	F$_1$		1	103N0011	103N0018	117U70xx	117U5014			103N1010	103N2010	on request	❍ **TL4CN**
5.08	F$_1$	F$_1$***		F$_1$	F$_1$***		F$_1$	F$_1$***		1	103N0011	103N0018	117U7000	117U5014			103N1010	103N2010	195B0450	**TL5CN**
7.27	F$_1$	F$_1$		F$_1$	F$_1$		F$_1$	F$_2$		1	103N0011	103N0018	117U7002	117U5017			103N1010	103N2010	195B0451	**NL7CN**
8.35	F$_1$	F$_1$		F$_1$	F$_1$		F$_2$	F$_2$***		1	103N0011	103N0018	117U7002	117U5017			103N1010	103N2010	195B0265	**NL9CN**
10.29	F$_2$	F$_2$		F$_2$	F$_2$		F$_2$	F$_2$		1					117-7049	117-9719	103N1004	103N2009	195B0474	**SC10CNX**
12.87	F$_2$	F$_2$		F$_2$	F$_2$		F$_2$	F$_2$		1					117-7049	117-9719	103N1004	103N2009	195B0333	**SC12CNX**
12.87	F$_2$			F$_2$			F$_2$			1			117U7003	117U5017			103N1004	103N2009	195B0458	**SC12CNX.2**
15.28	F$_2$	F$_2$		F$_2$	F$_2$		F$_2$	F$_2$		1					117-7051	117-9711	103N1004	103N2009	195B0203	**SC15CNX**
15.28	F$_2$			F$_2$			F$_2$			1			117U7005	117U5017			103N1004	103N2009	on request	**SC15CNX.2**
17.68	F$_2$	F$_2$		F$_2$	F$_2$		F$_2$	F$_2$		1					117-7034	117-9718	103N1004	103N2009	195B0414	**SC18CNX**
17.68	F$_2$			F$_2$			F$_2$			1			117U7011	117U5017			103N1004	103N2009	on request	**SC18CNX.2**
20.95	F$_2$			F$_2$			F$_2$			1			117U7013	117U5012			103N1004	103N2009	195B0459	**SC21CNX.2**



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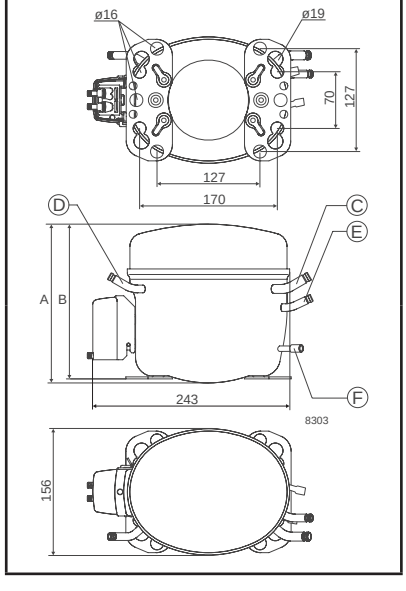

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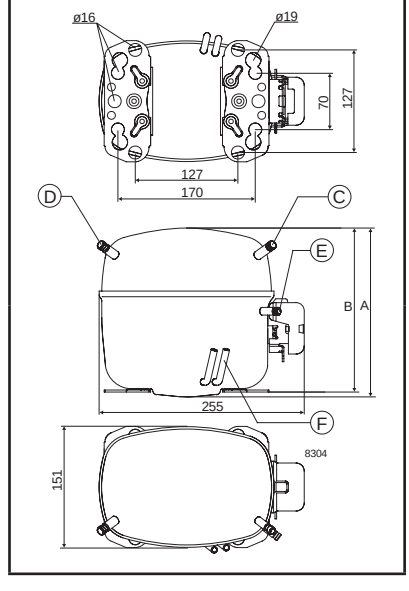

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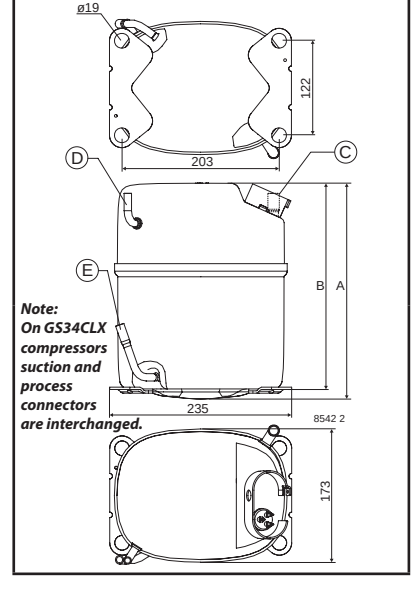
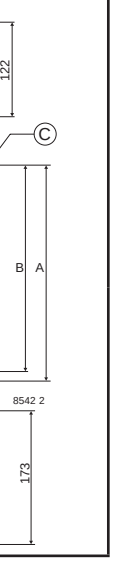


Note:
On GS34CLX compressors suction and process connectors are interchanged.

Hermetic Compressors type PL, TL, NL, FR, SC, GS
R134a • R404A/R507 • R290 • 220-240 V • 50 Hz & 60 Hz

Compressor	Dimensions					
	Height [mm]		Connectors location/I.D. [mm]			
	A	B	Suction C	Process D	Discharge E	Oil cooler F
PL50F	137	135	6.2	6.2	5.0	
TLS3FT	173	169	6.2	6.2	5.0	
TLS4FT	173	169	6.2	6.2	5.0	
TLS5FT	173	169	6.2	6.2	5.0	
NL6FT	197	191	6.2	6.2	5.0	
NL7FT	197	191	6.2	6.2	5.0	5.0
NL9FT	197	191	6.2	6.2	5.0	5.0
NL10FT	203	197	8.2	6.2	6.2	6.2
SC12FT	209	203	8.2	6.2	6.2	6.2
SC15FT	209	203	10.2	6.2	6.2	
SC18FTX	219	213	10.2	6.2	6.2	
SC21FTX	219	213	10.2	6.2	6.2	
PL35G	137	135	6.2	6.2	5.0	
TL2.5G	163	159	6.2	6.2	5.0	
TL3G	163	159	6.2	6.2	5.0	
TL4G	173	169	6.2	6.2	5.0	
TL5G	173	169	6.2	6.2	5.0	
FR6G	196	191	8.2	6.2	6.2	
FR7.5G	196	191	8.2	6.2	6.2	6.2
FR8.5G	196	191	8.2	6.2	6.2	6.2
FR10G	196	191	8.2	6.2	6.2	6.2
SC12FT	209	203	8.2	6.2	6.2	6.2
SC15FT	209	203	10.2	6.2	6.2	
SC18FTX	219	213	10.2	6.2	6.2	
SC21FTX	219	213	10.2	6.2	6.2	
TL4CL	173	169	6.2	6.2	5.0	
FR6CL	196	191	8.2	6.2	6.2	
FR7.5CL	196	191	8.2	6.2	6.2	
FR8.5CL	196	191	8.2	6.2	6.2	
NL7CLX	203	197	8.2	6.2	6.2	
SC10CLX	209	203	82	6.2	6.2	
SC12CL	209	203	8.2	6.2	6.2	
SC12CLX.2	219	213	8.2	6.2	6.2	
SC15CL	219	213	10.2	6.2	6.2	
SC15CLX.2	219	213	10.2	6.2	6.2	
SC18CL	219	213	10.2	6.2	6.2	
SC18CLX.2	219	213	10.2	6.2	6.2	
SC21CL	219	213	10.2	6.2	6.2	
GS26CLX	259	247	12.9	6.5	8.2	
GS34CLX	279	267	12.9	6.5	8.2	
SC10CLX	209	203	8.2	6.2	6.2	
SC12CLX	219	213	8.2	6.2	6.2	
SC12CLX.2	219	213	8.2	6.2	6.2	
SC15CLX	219	213	10.2	6.2	6.2	
SC15CLX.2	219	213	9.7	6.5	6.5	
SC18CLX.2	219	213	9.7	6.5	6.5	
❍ GS21CLX	279	247	12.9	6.5	8.2	
❍ TL3CN	163	159	6.2	6.2	5.0	
❍ TL4CN	173	169	6.2	6.2	5.0	
TL5CN	173	169	6.2	6.2	5.0	
NL7CN	203	197	8.2	6.2	6.2	
NL9CN	203	197	8.2	6.2	6.2	
SC10CNX	209	203	8.2	6.2	6.2	
SC12CNX	209	203	8.2	6.2	6.2	
SC12CNX.2	209	203	8.2	6.2	6.2	
SC15CNX	209	203	8.2	6.2	6.2	
SC15CNX.2	209	203	8.2	6.2	6.2	
SC18CNX	219	213	10.2	6.2	6.2	
SC18CNX.2	219	213	10.2	6.2	6.2	
SC21CNX.2	219	213	10.2	6.2	6.2	



Model designation

Compressor design	Optimization level	Compressor size	Application range	Start characteristics	Generation
PL	Blank Standard energy level	Nominal displacement in cm^3	CN R290 LBP	Blank => universal (principal rule)	Blank => first generation
TL			CL R404A/R507 LBP		
NL		Exception: For PL compressors the capacity at rating point is stated.	F R134a LBP/(MBP)	X = HST characteristics (expansion valve)	.2 => second generation
FR	S Semi-direct intake		FT R134a LBP tropical		.3 => third generation
SC			G R134a LBP/MBP/HBP		etc.
GS					

Examples

PL		35	G		
TL	S	5	FT		
NL		7	CL	X	
SC		15	CN	X	.2
GS		26	CL	X	

Optional IP24 equipment for SC compressors

Danfoss now offers special accessories, which provide a better IP protection class for a major part of the SC compressor models. All SC models for 220-240V/50Hz or 208-230V/60Hz and CSIR motor can be IP upgraded.

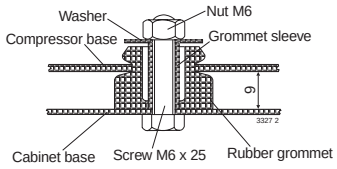
The equipment consists of one additional part, the so called "back cover", and a special starting capacitor. Both are used instead of the normal starting capacitor.

When using this equipment, the protection class is increased to IP24, i.e. the compressor and its electrical parts are splash-proof.

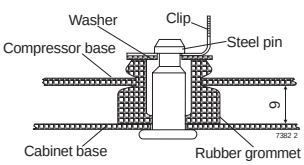
Code number	Description
103N2020	Back cover
117U5117**	IP24 starting capacitor 80µF

**replaces standard capacitor 117U5017

Mounting accessories



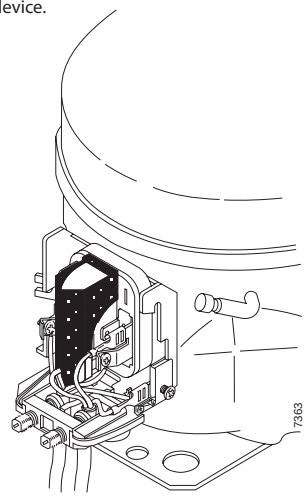
Bolt joint for
one compressor: 118-1917
in quantities: 118-1918
Bolt joint for
one GS compressor: 107B9150 (M8 x 40, base plate distance: 17mm)



Snap-on
in quantities: 118-1919

Protection Screen for PTC

Note: To fulfil the requirements of EN 60355-2-34 the protection screen 103N0476 must be applied to the PTC starting device.



Applications
LBP: Low Back Pressure
HBP: High Back Pressure
MBP: Medium Back Pressure

Motor types
RSIR: Resistant Start Induction Run
RSCR: Resistant Start Capacitor Run
CSIR: Capacitor Start Induction Run
CSR: Capacitor Start Run

Starting devices
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.

Electrical equipment GS compressors
* = Gasket/cover/clamp are parts of compressor

Test conditions EN 12900 (CECOMAF) PL/TL/TLS/NL/FR/SC

Application	R134a
Condensing temperature	55°C
Ambient temperature	32°C
Suction gas temperature	32°C
No subcooling	
220 V / 50 Hz / 60 Hz	

Test conditions EN 12900 (CECOMAF) TL/NL/FR/SC

Application	R404A/R507 R290
Condensing temperature	45°C
Ambient temperature	32°C
Suction gas temperature	32°C
No subcooling	
220 V / 50 Hz / 60 Hz	

Test conditions EN 12900 (CECOMAF) GS

Application	R404A/R507
Condensing temperature	40°C
Ambient temperature	32°C
Suction gas temperature	20°C
Liquid temperature	no subcooling
220 V / 50 Hz / 60 Hz	

1 Watt = 0.86 kcal/h
1 Watt = 3.41 Btu/h

Compressor cooling
S = Static cooling normally sufficient
O = Oil cooling
F_1 = Fan cooling 1.5 m/s (compressor compartment temp. equal to ambient temperature)
F_2 = Fan cooling 3.0 m/s necessary
*** = run capacitor 4 µF compulsory

Voltages and frequencies
1 = 198-254 V, 50 Hz
2 = 187-254 V, 50 Hz, LBP
3 = 198-254 V, 60 Hz, LBP
4 = 198-254 V, 60 Hz, HBP
5 = 198-254 V, 60 Hz, MBP
6 = 207-254 V, 60 Hz, HBP
7 = 187-254 V, 50 Hz, MBP
8 = 187-254 V, 60 Hz, MBP
9 = 187-254 V, 60 Hz, LBP

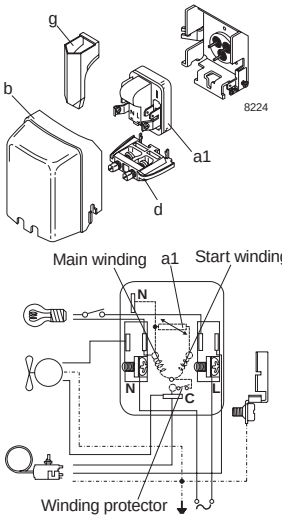
Yellow warning label

R290 is flammable in concentrations of air between approximately 2.1% and 9.5% by volume (LEL lower explosion limit and UEL upper explosion limit). An ignition source at a temperature higher than 470°C is needed for a combustion to occur.

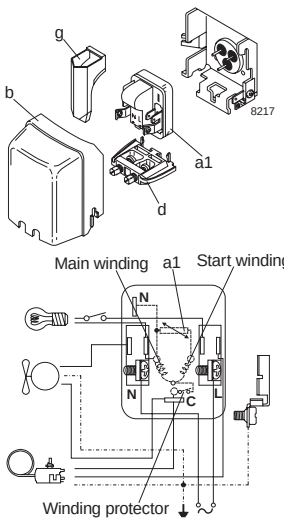
❍ = preliminary data

LST - RSIR

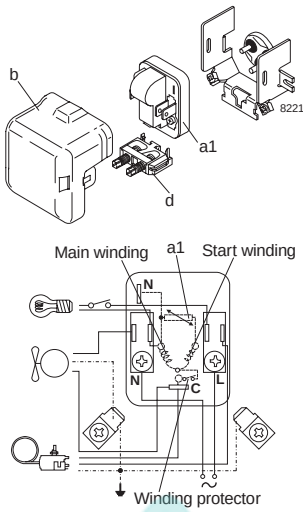
PL



TL-NL-FR

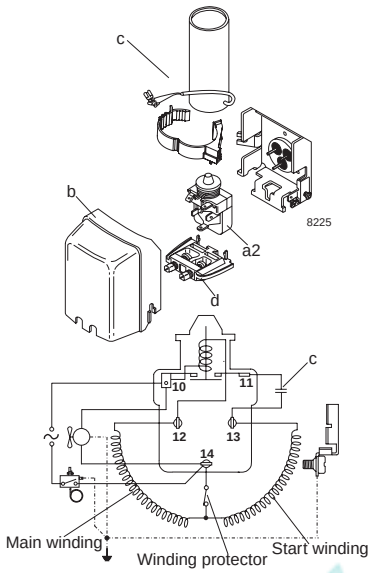


SC

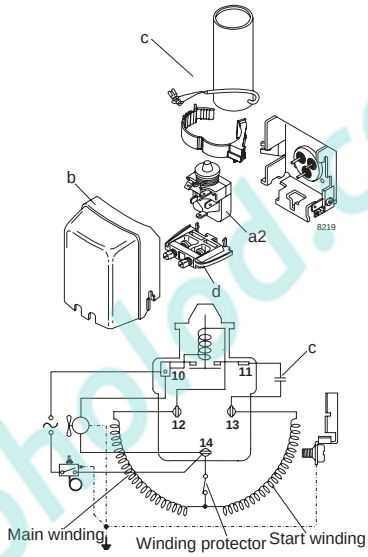


HST - CSIR

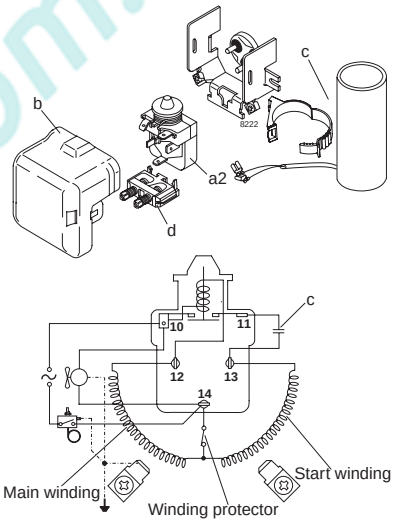
PL



TL-NL-FR

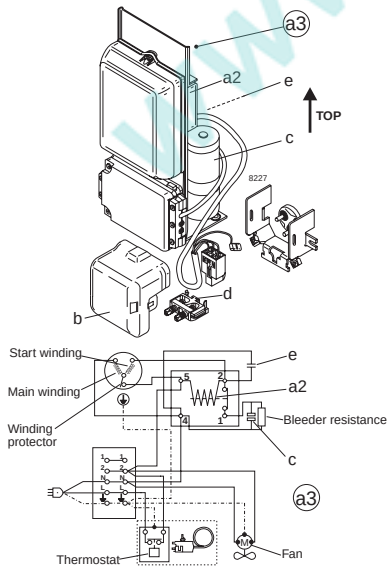


SC

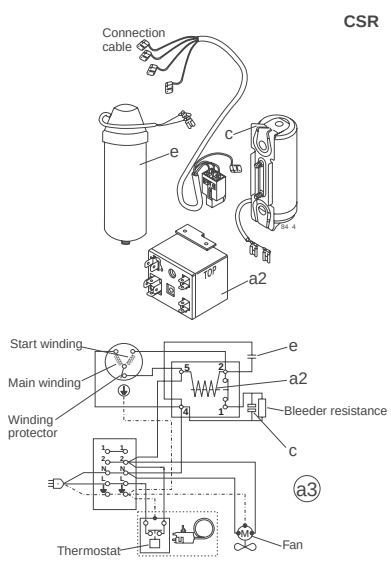


HST - CSR

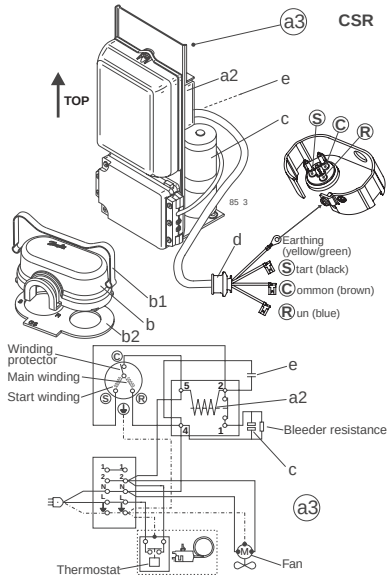
SC



SC (kit)



GS



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
g: Protection screen for PTC

Applications

Our compressor range will perfectly fit various applications like:

- Laboratory and medical equipment
- Clip-on and condensing units
- Compressed air dryers
- Glass door merchandisers
- Bakery refrigeration equipment
- Low temperature display cabinets
- Vending machines
- Ice making machines
- Slush and frozen beverage makers
- Bottle coolers

Refrigeration Controls programme consists of:

Thermostatic expansion valves

Hermetic filter drier with solid core

Direct or servo operated solenoid valve

Sight glass with moisture indicator