

Meet the Optyma™ units
The optimum range of hermetic condensing units
– service included



Optyma™ Condensing Unit R134a LBP/MBP/HBP

Test conditions	Unit	Platform	Version			Electrical code	Number of fans	Capacity in watt at evaporating temperature [°C]													
			A00	A01	A04			HP	-45	-40	-35	-30	-25	-20	-15	-10	-5	0	5	7.2	
CECOMAF	OP-UCGC003	TL	114X0104	114X0105	114X0107	G	1	1/12				37	52	69	91	117	147	181	220	263	282
	OP-UCGC004	TL	114X0108	114X0109	114X0111	G	1	1/10				49	67	89	115	146	182	222	269	320	344
	OP-UCGC005	TL	114X0112	114X0113	114X0115	G	1	1/8				62	83	108	139	175	217	264	317	374	401
	OP-UCGC006	FR	114X0200	114X0201	114X0203	G	1	1/6				74	106	142	185	235	294	361	437	522	532
	OP-UCGC007	FR	114X0216	114X0217	114X0219	G	1	1/5				81	114	154	201	257	321	395	478	571	615
	OP-UCGC008	FR	114X0224	114X0225	114X0227	G	1	1/5				103	141	186	240	303	376	458	550	652	699
	OP-UCGC010	FR	114X0232	114X0233	114X0235	G	1	1/5				108	149	197	254	320	396	483	580	688	737
	OP-UCGC011	FR	114X0336	114X0337	114X0339	G	1	1/4				89	168	246	327	414	510	616	737	875	
	OP-UCGC012	SC	114X0340	114X0341	114X0343	G	1	1/3				136	202	285	381	490	610	741	880	1029	1095
	OP-UCGC015	SC	114X0448	114X0449	114X0451	G	1	3/8						348	463	591	731	882	1045	1220	1221
RGT 20	OP-UCGC018	SC	114X0556	114X0557	114X0559	G	1	1/2					404	531	673	833	1011	1210	1432	1538	
	OP-UCGC021	SC	114X0564	114X0565	114X0567	G	1	5/8					474	622	792	981	1189	1414	1652	1759	
	OP-UCGC026	GS	available 2006			G		3/4													
	OP-UCGC034	GS	available 2006			G		1													

Test condition EN 13215

Ambient temperature 32°C
Suction gas temperature 20°C
Subcooling within the limits of the condensing unit

RGT 20

Constant suction gas temperature 32°C
Suction gas temperature 20°C

CECOMAF

Household & similar 32°C
32°C

Version

A00 Without valves and receiver for capillary tubes
A01 With receiver, 2 stop valves, bracket and copper pipes for KP
A02 A01 + KP17WB universal pressure switch
A04 A01 + KP17WB + FSA-Kit + power cord

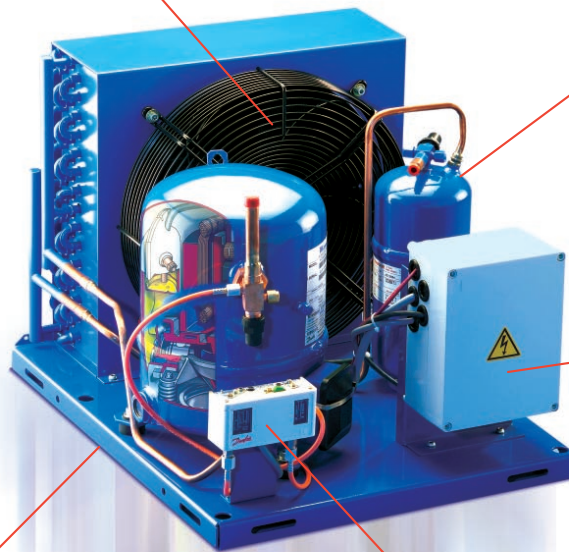
Electrical Code

A Compressor 220V/
D Compressor 400V/
E Compressor 400V/
G Compressor 220V/

Automatic Controls

Unit	Expansion valve Type	Orifice			Filter drier Type	Sight glass Type	Pressure control Type	Thermostat Type	Solenoid valve excl. coil Type
		-25°C	-10°C	+5°C					
OP-UCGC004	TN 2 / TEN 2	0X	0X	0X	DML032	SGN6	KP1/KP7/KP17	KP61/KP62	EVR2
OP-UCGC007	TN 2 / TEN 2	0X	0X	00	DML032	SGN6	KP1/KP7/KP17	KP61/KP62	EVR2
OP-UCGC008	TN 2 / TEN 2	0X	0X	00	DML032	SGN6	KP1/KP7/KP17	KP61/KP62	EVR2
OP-UCGC010	TN 2 / TEN 2	0X	0X	00	DML032	SGN6	KP1/KP7/KP17	KP61/KP62	EVR2
OP-UCGC012	TN 2 / TEN 2	0X	00	01	DML052	SGN6	KP1/KP7/KP17	KP61/KP62	EVR3
OP-UCGC015	TN 2 / TEN 2	0X	00	01	DML052	SGN6	KP1/KP7/KP17	KP61/KP62	EVR3
OP-UCGC018	TN 2 / TEN 2	0X	01	01	DML052	SGN6	KP1/KP7/KP17	KP61/KP62	EVR3
OP-UCGC021	TN 2 / TEN 2	00	01	02	DML052	SGN6	KP1/KP7/KP17	KP61/KP62	EVR3
OP-MCGC026									
OP-MCGC034									

Single fan design (low noise level)



Receiver equipped with 3/8" NPTF plug

Fully prewired and factory tested

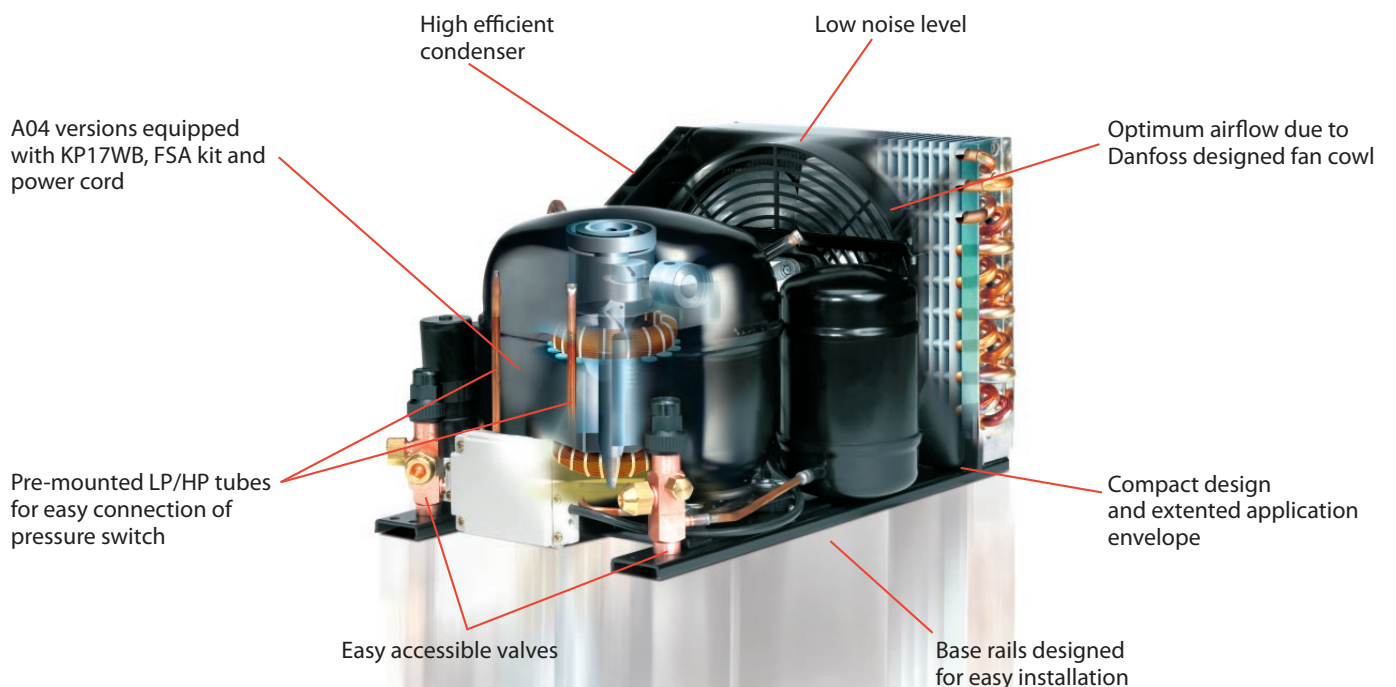
Compact design and extended application envelope

Combined HP/LP pressure switch Danfoss KP17WB

		Application range in 43°C °C	Power consumption [W] evap. temp. -25°C	Receiver Volume [litre]	Dimensions [mm]							Weight [kg]			Compressor
					Fig.	Height H	Width W	Length D	Dist. a	Suction line	Liquid line	A00	A01	A04	
10	15														
309	359	-35 to +15	93	0.8	1	197	289	410	310	6	6	11.4	13.2	14.2	TL3GX
377	439	-35 to +15	110	0.8	1	197	289	410	310	6	6	11.4	13.2	14.2	TL4GX
436	502	-35 to +5	123	0.8	1	197	289	410	310	6	6	11.4	13.2	14.2	TL5GX
617		-35 to +10	145	0.8	2	226	304	432	310	10	6	15.1	16.7	17.8	FR6GX
674		-35 to +10	159	0.8	2	226	304	432	310	10	6	15.1	16.7	17.8	FR7.5GX
762		-35 to +10	181	0.8	2	226	304	432	310	10	6	15.1	16.7	17.8	FR8.5GX
805		-35 to +5	207	0.8	2	226	304	432	310	10	6	15.1	16.7	17.8	FR10GX
		-35 to +5	236	1.1	2	256	321	444	325	10	6	15.2	17.6	18.6	FR11GX
1185	1349	-35 to +5	261	1.1	4	256	321	444	325	10	6	15.5	17.9	18.9	SC12GX
1405	1603	-35 to +5	323	1.1	4	296	331	451	325	10	6	19.8	22.0	22.9	SC15GX
1682	1962	-35 to +5	367	1.1	4	296	331	473	325	10	6	19.8	23.4	24.2	SC18GX
1902	2160	-35 to 0	437	1.1	4	296	331	513	365	10	6	21.1	23.4	24.2	SC21GX
															GS26MFX
															GS34MFX

1ph./50+60Hz Fan 220V/1ph./50+60Hz
3ph./50Hz Fan 400V/3ph./50Hz
3ph./50Hz Fan 230V/1ph./50Hz
1ph./50Hz Fan 220V/1ph./50Hz

Coil Code no.	Weatherproof housing Code no.	Power input [Watt] Total Unit
018F6701	118U4620	200
018F6701	118U4620	310
018F6701	118U4620	375
018F6701	118U4620	420
018F6701	118U4620	635
018F6701	118U4620	765
018F6701	118U4620	900
018F6701	118U4620	1030



Optyma™ Condensing Unit R404A/R507 LBP

Test conditions	Unit	Platform	Version				Electrical code	Number of fans	Capacity in watt at evaporating temperature [°C]													
			A00	A01	A02	A04			HP	-45	-40	-35	-30	-25	-20	-15	-10	-5	0	5	7.2	
			114X1208	114X1209		114X1211			G	1	1/4	64	85	110	141	177	218	265	318	378		
CECOMAF	OP-LCHC004	TL	114X1208	114X1209		114X1211	G	1	1/4	64	85	110	141	177	218	265	318	378				
	OP-LCHC006	FR	114X1216	114X1217		114X1219	G	1	1/3	91	128	171	219	273	332	397	468	542				
	OP-LCHC008	FR	114X1324	114X1325		114X1327	G	1	1/3	130	161	208	268	340	420	508	599	692				
	OP-LCHC007	NL	114X1328	114X1329		114X1331	G	1	1/3	126	175	234	302	380	467	563	667	779				
	OP-LCHC010	SC	114X1332	114X1333		114X1335	G	1	1/2			216	300	393	496	609	730	860				
	OP-LCHC012	SC	114X1440	114X1441		114X1443	G	1	1/2	129	220	320	429	547	672	804	943	1.088				
	OP-LCHC015	SC	114X1548	114X1549		114X1551	G	1	5/8	198	292	400	521	654	799	955	1.122	1.298				
	OP-LCHC018	SC	114X1556	114X1557		114X1559	G	1	3/4	232	349	475	610	751	899	1.052	1.212	1.379				
OP-LCHC021	SC	114X1564	114X1565		114X1567	G	1	7/8	291	405	535	680	840	1.014	1.202	1.407						
RGT20	OP-LCHC026	GS	available 2006				G	1														
	OP-LCHC034	GS	available 2006				G	1½														
	OP-LCHC048	NT			114X5030		D	1														
					114X5037		E	1		513	831	1.186	1.388	1.775	2.186	2.614	3.054					
	OP-LCHC068	NT			114X5031		D	1														
					114X5038		E	1		730	1.121	1.629	2.193	2.834	3.544	4.317	5.139					
	OP-LCHC096	NT			114X5032		D	1														
					114X5039		E	1		-	1.474	2.083	2.771	3.567	4.461	5.442	6.499					
	OP-LCHC108	NT			114X5033		D	1														
					114X5040		E	1		-	1.630	2.390	3.332	4.297	5.328	6.399	7.500					
	OP-LCHC136	NT			114X5034		D	1														
					114X5041		E	1		-	2.375	3.222	4.307	5.437	6.685	8.030	9.466					
	OP-LCHC215	NT			114X5035		D	1														
					114X5042		E	1		2.407	3.565	4.910	6.588	8.308	10.169	12.158	14.229					
	OP-LCHC271	NT			114X5036		D	1														
					114X5043		E	1		3.488	4.988	6.726	8.901	11.092	13.431	15.900	18.435					
	OP-LGHC048	NT			114X5082		D	2														
					114X5089		E	2		509	828	1.185	1.389	1.780	2.196	2.629	3.079					
	OP-LGHC068	NT			114X5083		D	2														
					114X5090		E	2		711	1.096	1.595	2.147	2.773	3.463	4.210	5.009					
OP-LGHC096	NT			114X5084		D	2															
				114X5091		E	2		-	1.485	2.103	2.806	3.622	4.548	5.570	6.677						
OP-LGHC108	NT			114X5085		D	2															
				114X5092		E	2		-	1.605	2.345	3.253	4.172	5.139	6.135	7.132						
OP-LGHC136	NT			114X5086		D	2															
				114X5093		E	2		-	2.449	3.415	4.472	5.678	7.020	8.496	10.080						
OP-LGHC215	NT			114X5087		D	2															
				114X5094		E	2		2.396	3.551	4.891	6.563	8.274	10.124	12.092	14.156						
OP-LGHC271	NT			114X5088		D	2															
				114X5095		E	2		3.553	5.098	6.897	9.169	11.492	14.018	16.696	19.517						


Test condition EN 13215
 Ambient temperature 32°C
 Suction gas temperature 20°C
 Subcooling within the limits of the condensing unit

RGT 20
 Constant suction gas temperature 32°C
 20°C

CECOMAF
 Household & similar
 32°C
 32°C

Version
A00 Without valves and receiver for capillary tubes
A01 With receiver, 2 stop valves, bracket and copper pipes for KP
A02 A01 + KP17WB universal pressure switch
A04 A01 + KP17WB + FSA-Kit + power cord

Electrical Code
A Compressor 220V/
D Compressor 400V/
E Compressor 400V/
G Compressor 220V/

 = 10K superheat

Automatic Controls

Unit	Expansion valve Type	Orifice			Filter drier Type	Sight glass Type	Pressure control Type	Thermostat Type	Solenoid valve excl. coil Type
		-25°C	-10°C	+5°C					
OP-LCHC004	TS 2 / TES 2	0X	0X		DML032	SGN6	KP1/KP7/KP17	KP61/KP62	EVR3
OP-LCHC006	TS 2 / TES 2	0X	0X		DML032	SGN6	KP1/KP7/KP17	KP61/KP62	EVR3
OP-LCHC008	TS 2 / TES 2	0X	00		DML032	SGN6	KP1/KP7/KP17	KP61/KP62	EVR3
OP-LCHC007	TS 2 / TES 2	0X	00		DML032	SGN6	KP1/KP7/KP17	KP61/KP62	EVR3
OP-LCHC010	TS 2 / TES 2	0X	00		DML032	SGN6	KP1/KP7/KP17	KP61/KP62	EVR3
OP-LCHC012	TS 2 / TES 2	0X	01		DML032	SGN6	KP1/KP7/KP17	KP61/KP62	EVR3
OP-LCHC015	TS 2 / TES 2	00	01		DML032	SGN6	KP1/KP7/KP17	KP61/KP62	EVR3
OP-LCHC018	TS 2 / TES 2	00	01		DML032	SGN6	KP1/KP7/KP17	KP61/KP62	EVR3
OP-LCHC021	TS 2 / TES 2	00	01		DML032	SGN6	KP1/KP7/KP17	KP61/KP62	EVR3
OP-LCHC026									
OP-LCHC034									
OP-LCHC048	To be selected depending on your application.				DML053	SGN10	KP1/KP7/KP17		EVR6
OP-LCHC068					DML084	SGN12	KP1/KP7/KP17		EVR10
OP-LCHC096					DML084	SGN12	KP1/KP7/KP17		EVR10
OP-LCHC108					DML084	SGN12	KP1/KP7/KP17		EVR10
OP-LCHC136					DML084	SGN12	KP1/KP7/KP17		EVR10
OP-LCHC215					DML165	SGN16	KP1/KP7/KP17		EVR15
OP-LCHC271					DML165	SGN16	KP1/KP7/KP17		EVR15
OP-LGHC048					DML053	SGN10	KP1/KP7/KP17		EVR6
OP-LGHC068					DML084	SGN12	KP1/KP7/KP17		EVR10
OP-LGHC096					DML084	SGN12	KP1/KP7/KP17		EVR10
OP-LGHC108					DML084	SGN12	KP1/KP7/KP17		EVR10
OP-LGHC136					DML084	SGN12	KP1/KP7/KP17		EVR10
OP-LGHC215					DML165	SGN16	KP1/KP7/KP17		EVR15
OP-LGHC271					DML165	SGN16	KP1/KP7/KP17		EVR15

		Application range [°C] at max. ambient temperature	Power consumption [W] evap. temp. [°C]		Re- ceiver Vol- ume [litre]	Dimensions [mm]								Weight [kg]				Compressor
10	15		-25	-35		Fig.	Height H	Width W	Length D	Dist. a	Dist. b	Suction line	Liquid line	A00	A01	A02	A04	
		43°C: -45 to -5	162		0.8	1	226	304	432	310		10	6	12.0	13.8		17.8	TL4CLX
		43°C: -45 to -10	267		0.8	2	226	304	432	310		10	6	15.1	16.7		17.8	FR6CLX
		43°C: -45 to -10	336		1.1	2	256	321	444	325		10	6	15.5	17.9		18.9	FR8.5CLX
		43°C: -45 to -10	336		1.1	3	256	321	444	325		10	6	15.5	17.9		18.9	NL7CLX
		38°C: -35 to -10	373		1.1	4	256	321	444	325		10	6	15.5	17.9		18.9	SC10CLX
		43°C: -45 to -15	479		1.1	4	296	331	451	325		10	6	19.8	22.0		22.9	SC12CLX
		38°C: -45 to -10	558		1.1	4	296	331	473	325		10	6	21.1	23.4		24.2	SC15CLX
		38°C: -45 to -15	649		1.1	4	296	331	513	365		10	6	21.1	23.4		24.2	SC18CLX
		38°C: -45 to -15	754		1.1	4	296	331	513	365		10	6	21.1	23.4		24.2	SC21CLX
																		GS26CLX
																		GS34CLX
		43°C: -15 to -40°C 46°C: -20 to -35°C	935		3	5	451	500	620	400	465	5/8"	3/8"			45		NTZ048
			1478		6	5	605	630	650	400	595	7/8"	1/2"			47		NTZ068
			1851		6	5	605	630	650	400	595	7/8"	1/2"			75		NTZ096
			2274		6	5	605	630	650	400	595	7/8"	1/2"			77		NTZ108
			3029		8	5	656	755	700	400	720	7/8"	5/8"			80		NTZ136
			4814		14	5	759	900	900	600	865	1"1/8	3/4"			120		NTZ215
			6312		14	5	759	900	900	600	865	1"1/8	3/4"			130		NTZ271
			998		3	6	392	700	500	660	300	5/8"	3/8"			51		NTZ048
			1487		6	6	442	800	600	760	400	5/8"	1/2"			62		NTZ068
			1869		6	6	442	800	600	760	400	7/8"	5/8"			69		NTZ096
			2267		6	6	442	800	600	760	400	7/8"	5/8"			85		NTZ108
			3130		8	6	555	1000	700	960	460	7/8"	5/8"			98		NTZ136
			4413		14	6	671	1200	800	1160	500	1"1/8	3/4"			144		NTZ215
			6512		14	6	671	1200	800	1160	500	1"1/8	3/4"			150		NTZ271

1ph./50+60Hz Fan 220V/1ph./50+60Hz

3ph./50Hz Fan 400V/3ph./50Hz

3ph./50Hz Fan 230V/1ph./50Hz

1ph./50Hz Fan 220V/1ph./50Hz

Coil Code no.	Variable speed fan controller Type	Weatherproof housing Code no.	MCC [A]	Contactor 400V 3 phase Type	Overload protector 400V 3 phase	Power input [Watt]					
						Compressor at application limit	Single phase		Three phase		
							Fan(s)	Total unit	Fan(s)	Total unit	
018F6701		118U4620						240			
018F6701		118U4620						440			
018F6701		118U4620						580			
018F6701		118U4620						480			
018F6701		118U4620						600			
018F6701		118U4620						755			
018F6701		118U4620						880			
018F6701		118U4620						995			
018F6701		118U4620						1020			
	RGE-Z1L4-7DS	Please consult	6	CI 6	2.7	4.2	2215	73	2288	65	2280
	RGE-Z1L4-7DS		7.5	CI 9	4.0	6.2	3450	130	3580	115	3565
	RGE-Z1L4-7DS		9	CI 12	6.0	6.2	4406	130	4536	115	4521
	RGE-Z1L4-7DS		9.5	CI 12			5017	160	5177	135	5152
	RGE-Z1L4-7DS		12	CI 15	8.0	6.2	6660	160	6820	135	6795
	RGE-Z1N4-7DS		22	CI 25	11	16	10230	770	11000	670	10900
	RGE-Z1N4-7DS		27	CI 30	15	20	13040	770	13810	670	13710
	RGE-Z1L4-7DS	7710017	6	CI 6	2.7	4.2	2276	2 × 70	2416		
	RGE-Z1L4-7DS	7710018	7.5	CI 9	4.0	6.2	3473	2 × 73	3619	2 × 65	3603
	RGE-Z1L4-7DS	7710018	9	CI 12	6.0	9.2	4408	2 × 73	4554	2 × 65	4538
	RGE-Z1L4-7DS	7710018	9.5	CI 12			5029	2 × 130	5289	2 × 115	5259
	RGE-Z1L4-7DS	7710019	12	CI 15	8.0	12	6833	2 × 130	7093	2 × 115	7063
	RGE-Z1N4-7DS	7710020	22	CI 25	11	16	9839	2 × 600	11039	2 × 450	10739
	RGE-Z1N4-7DS	7710020	27	CI 30	15	20	13085	2 × 600	14285	2 × 450	13985

Optyma™ Condensing Unit R404A/R507 MBP

Test conditions	Unit	Platform	Version				Electrical code	Number of fans	Capacity in watt at evaporating temperature [°C]												
			A00	A01	A02	A04			HP	-45	-40	-35	-30	-25	-20	-15	-10	-5	0	5	7.2
CECOMAF	OP-MCHC004	TL	114X2208	114X2209		114X2211	G	1	1/4							265	314	377	450	528	563
	OP-MCHC006	FR	114X2316	114X2317		114X2319	G	1	1/3							428	511	603	705	812	860
	OP-MCHC007	NF	114X2424	114X2425		114X2427	G	1	1/3							577	688	810	941	1080	1143
	OP-MCHC010	SC	114X2532	114X2533		114X2535	A	1	1/3						604	736	884	1046	1220	1403	1486
	OP-MCHC012	SC	114X2540	114X2541		114X2543	G	1	1/2						715	863	1027	1205	1392	1586	
	OP-MCHC015	SC	114X2648	114X2649		114X2651	G	1	1/2						893	1081	1290	1519	1765	2026	2145
	OP-MCHC018	SC	114X2756	114X2757		114X2759	G	1	5/8						1062	1287	1538	1816	2116	2437	2584
	OP-MCHC021	GS	available 2006				G	1	7/8												
	OP-MCHC026	GS	available 2006				G	1	1												
	OP-MCHC034	GS	available 2006				G	1	1½												
RGT20	OP-MCZC030	MT		114X5110	114X5024		G	1	1 ½												
			114X5098	114X5000		D	1														
			114X5104	114X5012		E	1														
	OP-MCZC038	MT			114X5025		G	1	1 ¾												
				114X5001		D	1														
				114X5013		E	1														
	OP-MCZC048	MT			114X5026		G	1	2												
				114X5002		D	1														
				114X5014		E	1														
	OP-MCZC054	MT			114X5027		G	1	2 ½												
				114X5003		D	1														
				114X5015		E	1														
	OP-MCZC060	MT			114X5028		G	1	3												
				114X5004		D	1														
				114X5016		E	1														
	OP-MCZC068	MT			114X5005		D	1	3 ½												
				114X5017		E	1														
				114X5029		G	1														
	OP-MCZC086	MT			114X5006		D	1	4												
				114X5018		E	1														
			114X5007		D	1															
OP-MCZC096	MT			114X5019		E	1	4 ½													
			114X5008		D	1															
			114X5020		E	1															
OP-MCZC108	MT			114X5009		D	1	5 ½													
			114X5021		E	1															
			114X5010		D	1															
OP-MCZC121	MT			114X5022		E	1	6													
			114X5011		D	1															
			114X5023		E	1															
OP-MCZC136	MT			114X5058		E	2	6 ½													
			114X5012		E	1															
			114X5013		E	1															
OP-MCZC171	MT			114X5059		D	2	8 ½													
			114X5073		E	2															
			114X5059		D	2															
OP-MGZC215	MT			114X5074		E	2	10													
			114X5074		E	2															
			114X5060		D	2															
OP-MGZC242	MT			114X5075		E	2	12													
			114X5075		E	2															
			114X5075		E	2															
OP-MGZC271	MT					D	2	13 ½													
							D														2
							E														2

Test condition EN 13215 Ambient temperature Suction gas temperature Subcooling within the limits of the condensing unit	RGT 20 Constant suction gas temperature 32°C 20°C	CECOMAF Household & similar 32°C 32°C	Version A00 Without valves and receiver for capillary tubes A01 With receiver, 2 stop valves, bracket and copper pipes for KP A02 A01 + KP17WB universal pressure switch A04 A01 + KP17WB + FSA-Kit + power cord	Electrical Code A Compressor 220V/ D Compressor 400V/ E Compressor 400V/ G Compressor 220V/
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Automatic Controls

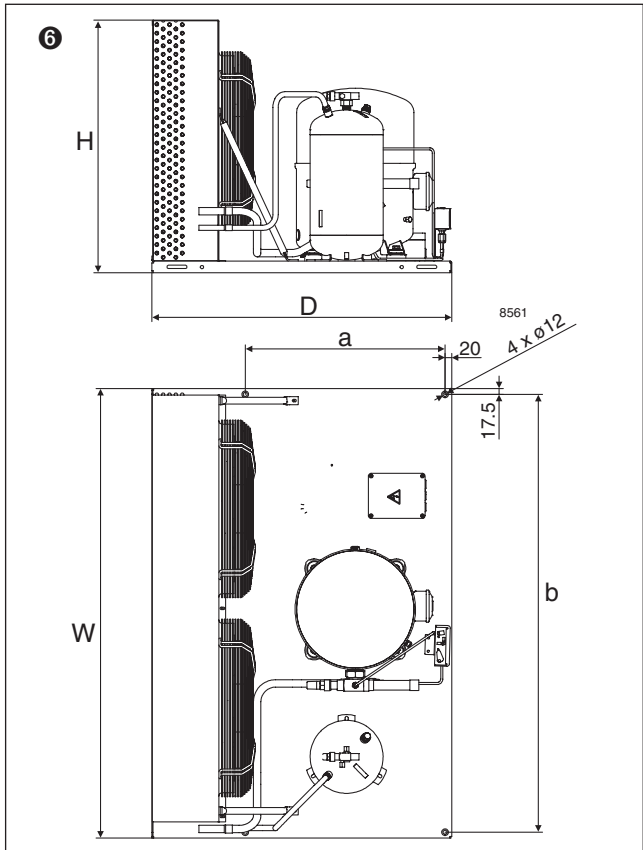
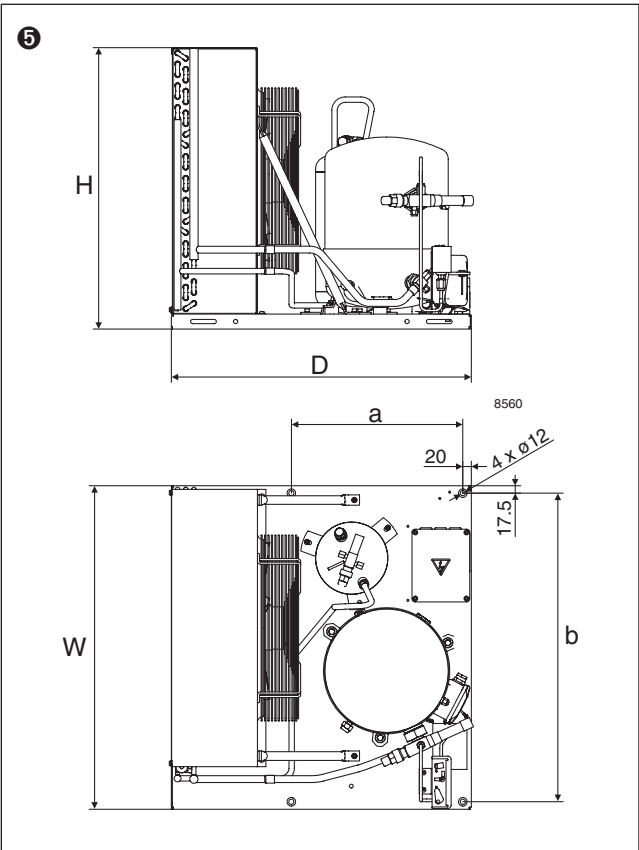
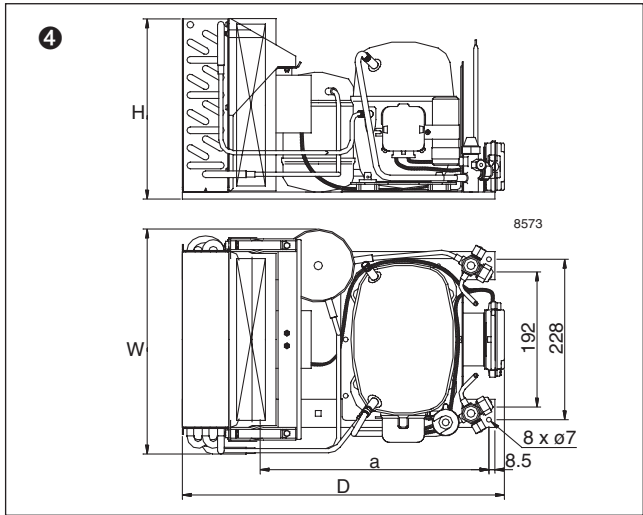
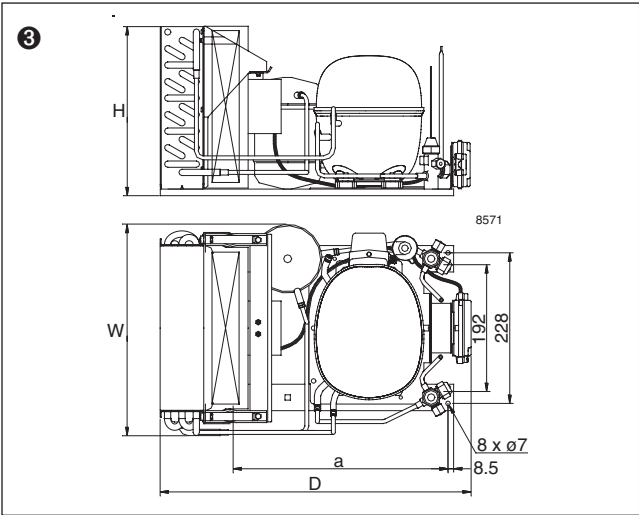
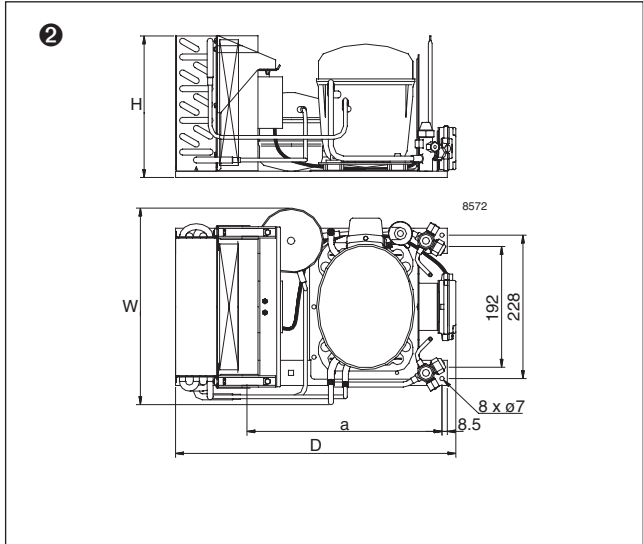
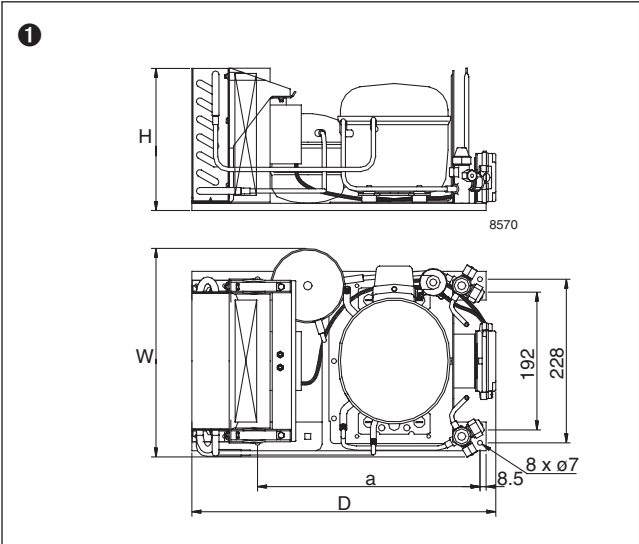
Unit	Expansion valve Type	Orifice			Filter drier Type	Sight glass Type	Pressure control Type	Thermostat Type	Solenoid valve excl. coil Type
		-25°C	-10°C	+5°C					
OP-MCHC004	TS 2 / TES 2		0X	0X	DML052	SGN6	KP1/KP7/KP17	KP61/KP62	EVR6
OP-MCHC006	TS 2 / TES 2		00	00	DML052	SGN6	KP1/KP7/KP17	KP61/KP62	EVR6
OP-MCHC007	TS 2 / TES 2		00	00	DML052	SGN6	KP1/KP7/KP17	KP61/KP62	EVR6
OP-MCHC010	TS 2 / TES 2		01	01	DML052	SGN6	KP1/KP7/KP17	KP61/KP62	EVR6
OP-MCHC012	TS 2 / TES 2		01	01	DML052	SGN6	KP1/KP7/KP17	KP61/KP62	EVR6
OP-MCHC015	TS 2 / TES 2		01	01	DML052	SGN6	KP1/KP7/KP17	KP61/KP62	EVR6
OP-MCHC018	TS 2 / TES 2		01	02	DML052	SGN6	KP1/KP7/KP17	KP61/KP62	EVR6
OP-MCHC021									
OP-MCHC026									
OP-MCHC034									
OP-MCZC030	To be selected depending on your application				DML053	SGN10	KP1/KP7/KP17		EVR6
OP-MCZC038					DML053	SGN10	KP1/KP7/KP17		EVR6
OP-MCZC048					DML084	SGN12	KP1/KP7/KP17		EVR10
OP-MCZC054					DML084	SGN12	KP1/KP7/KP17		EVR10
OP-MCZC060					DML084	SGN12	KP1/KP7/KP17		EVR10
OP-MCZC068					DML084	SGN12	KP1/KP7/KP17		EVR10
OP-MCZC086					DML084	SGN12	KP1/KP7/KP17		EVR10
OP-MCZC096					DML084	SGN12	KP1/KP7/KP17		EVR10
OP-MCZC108					DML084	SGN12	KP1/KP7/KP17		EVR10
OP-MCZC121					DML084	SGN12	KP1/KP7/KP17		EVR10
OP-MCZC136					DML084	SGN12	KP1/KP7/KP17		EVR10
OP-MCZC171					DML165	SGN16	KP1/KP7/KP17		EVR15
OP-MGZC215					DML165	SGN16	KP1/KP7/KP17		EVR15
OP-MGZC242					DML165	SGN16	KP1/KP7/KP17		EVR15
OP-MGZC271					DML165	SGN16	KP1/KP7/KP17		EVR15

10	Application range [°C] at max. ambient temperature	Power consumption [W]		Re- ceiver vol- ume [litre]	Dimensions [mm]								Weight [kg]				Compressor
		evap. temp. [°C]			Fig.	Height H	Width W	Length D	Dist. a	Dist. b	Suction line	Liquid line	A00	A01	A02	A04	
		-10	5														
588	38°C: -15 to +10	284	0.8	1	226	304	432	310			10	6	12.0	13.8		17.8	TL4DLX
923	38°C: -15 to 0	502	1.1	2	256	321	444	325			10	6	15.5	17.9		18.9	FR6DLX
	38°C: -15 to 0	624	1.1	3	296	331	451	325			10	6	15.9	18.3		19.3	NF7MLX
	38°C: -23.3 to -5	728	1.1	4	296	331	473	325			10	6	19.8	22.0		22.9	SC10MLX
	38°C: -23.3 to -6.7	890	1.1	4	296	331	473	325			10	6	19.8	22.0		22.9	SC12MLX
	38°C: -23.3 to -5	1145	1.1	4	350	442	610	370			10	6	33.7	40.6		42.5	SC15MLX
	38°C: -23.3 to -5	1235	1.1	4	350	442	610	370			10	6	41.6	43.6		47.4	SC18MLX
																	GS21MLX
																	GS26MLX
																	GS34MLX
4.134	43°C: -30°C to 0°C 46°C: -25°C to -5°C	1297	3	5	451	500	620	400	465	1/2"	3/8"				45		MTZ18
5.580		1600	3	5	451	500	620	400	465	1/2"	3/8"				45		MTZ22
7.386		2061	6	5	605	630	650	400	595	1/2"	1/2"				47		MTZ28
7.904		2286	6	5	605	630	650	400	595	5/8"	1/2"				50		MTZ32
8.764		2725	6	5	605	630	650	400	595	5/8"	1/2"				50		MTZ36
10.047		3115	6	5	605	630	650	400	595	5/8"	1/2"				55		MTZ40
12.301		3384	8	5	656	755	700	400	720	7/8"	1/2"				75		MTZ51
13.730		3670	8	5	656	755	700	400	720	7/8"	1/2"				77		MTZ57
16.455		4888	8	5	656	755	700	400	720	7/8"	1/2"				77		MTZ65
18.534		5355	10	5	759	900	900	600	865	1 1/8"	1/2"				80		MTZ73
20.136		6335	10	5	759	900	900	600	865	1 1/8"	1/2"				85		MTZ81
23.549		7521	14	5	759	900	900	600	685	1 1/8"	5/8"				130		MTZ100
32.395		9777	14	6	759	1350	820	550	1315	1 1/8"	5/8"				135		MTZ125
34.805		11240	14	6	759	1350	820	550	1315	1 1/8"	5/8"				140		MTZ144
39.292	12492	14	6	759	1350	820	550	1315	1 1/8"	5/8"				150		MTZ160	

1ph./50+60Hz Fan 220V/1ph./50+60Hz
3ph./50Hz Fan 400V/3ph./50Hz
3ph./50Hz Fan 230V/1ph./50Hz
1ph./50Hz Fan 220V/1ph./50Hz

Coil Code no.	Fan speed controller Type	Weatherproof housing Code no.	Power input [Watt]				Contactor Type	Overload protector Type		
			Compressor at application limit	Single phase		Three phase				
				Fan(s)	Total Unit	Fan(s)				Total Unit
018F6701		118U4620			310					
018F6701		118U4620			550					
018F6701		118U4620			720					
018F6701		118U4620			820					
018F6701		118U4620			955					
018F6701		118U4620			1290					
018F6701		118U4620			1380					
	RGE-Z1L4-7DS	Please consult	1.917	73	1.990	65	1.982	CI 6	2.7 4.2	
	RGE-Z1L4-7DS		2.465	130	2.595	115	2.580	CI 9	4 6.2	
	RGE-Z1L4-7DS		3.176	130	3.306	115	3.291	CI 9	4 6.2	
	RGE-Z1L4-7DS		3.420	130	3.550	115	3.535	CI 9	4 6.2	
	RGE-Z1L4-7DS		4.052	130	4.182	115	4.167	CI 12	6 9.2	
	RGE-Z1L4-7DS		4.579	160	4.739	135	4.714	CI 12	6 9.2	
	RGE-Z1L4-7DS		4.859	160	5.019	135	4.994	CI 12	6 9.2	
	RGE-Z1L4-7DS		5.450	160	5.610	135	5.585	CI 15	8 12.0	
	RGE-Z1N4-7DS		6.983	770	7.753	670	7.653	CI 15	8 12.0	
	RGE-Z1N4-7DS		7.930	770	8.700	670	8.600	CI 20	8 12.0	
	RGE-Z1N4-7DS		9.022	770	9.792	670	9.692	CI 20	11 16.0	
	RGE-Z1N4-7DS		10.406	770	11.176	670	11.076	CI 25	11 16.0	
	RGE-Z1Q4-7DS		14.400	1.540	15.940	1.340	15.740	CI 37	19 25.0	
	RGE-Z1Q4-7DS		15.982	1.540	17.522	1.340	17.322	CI 37	19 25.0	
	RGE-Z1Q4-7DS	18.124	1.450	19.574	1.340	19.464	CI 45	24 32.0		

Dimensions



Optyma™ condensing units: optimum range and optimum service

Optyma™ is the new name for what will be the widest range of hermetic condensing units on the market. The design concept of the Optyma™ condensing units is optimisation; with newly designed single or 2 fan units and a new NTZ compressor platform for low temperatures. Designed with a higher COP, a lower noise level and energy consumption, combined with an extended application envelope for commercial refrigeration applications as standard, and simple installation and maintenance are all important features of our “Optimum range”.

In addition to the wide Optyma™ range we also include local support and guidance if needed. A network of partner wholesalers and local Danfoss teams can offer you help and will do their utmost to fulfill your needs. At Danfoss we simply believe it is important to offer an “Optimum service”.

Advantages

- Redesigned high-efficiency condensers allowing an extended application envelope in higher ambient conditions as standard.
- Reliable components for longer life and less warranty call out costs.
- Fully pre-wired and factory tested, reducing commissioning time on site.
- New built-in grab handles for easier handling on site.
- Base plate designed to allow easy mounting on wall brackets.

- Flexible add-on design options include: fan speed control, oil separator, pressure switches or a weather proof housing.
- Easy access to all components for higher serviceability and simplified maintenance.
- Compact dimensions.
- Local technical support included.

Facts

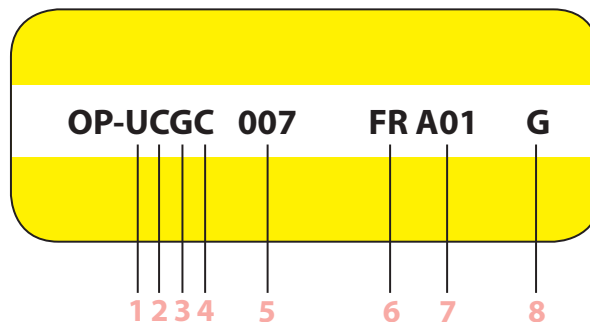
- HFC refrigerants R134a, R404A and R507C (MCZC and MGZC are suitable for use with R407C).
- Capacity: from 0 to 20000 Watt R404A.
- High COP.
- 100% factory tested for leakage.

Features

- New high efficient compressors (MBP + LBP).
- Low energy consumption.
- Wide application range.
- Powder coated steel parts.
- Crankcase heater standard (optional for fractional units).
- Service valves standard with access ports.
- Access valves/stubs for easy connection.

Designation System

1. Application
2. Platform or design
3. Refrigerant
4. Condenser option
5. Unit size
6. Compressor platform
7. Version
8. Electrical code



Low	L
Medium	M
High	X
Low/Medium/High	U

C: Air cooled condensing unit with 1 fan and hermetic compressor
G: Air cooled condensing unit with 2 fan and hermetic compressor

R134a	G	R407C	C
R404A/R507	H	R12	B
R290	N	R22	M
R600a	K	R404A/R134a/R507/R407C	Z

Extra small	Small	Standard	Large	Extra large
A	B	C	D	E

5	012 = 12 ccm 007 = 7.5 ccm
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A00	=	Without valves and receiver for capillary tubes
A01	=	Basic with bracket and copper pipes for KP
A02	=	A01 + KP 17WB universal pressure switch
A04	=	A01 + KP17WB + FSA-kit + power cord

A: Compressor 220 V / 1ph. / 50+60 Hz fan 220 V / 1ph. / 50+60 Hz	D: Compressor 400 V / 3ph. / 50 Hz fan 400 V / 3ph. / 50 Hz
G: Compressor 220 V / 1ph. / 50 Hz fan 220 V / 1ph. / 50 Hz	E: Compressor 400 V / 3ph. / 50 Hz fan 230 V / 1ph. / 50 Hz
H: Compressor 220 V / 3ph. / 50 Hz fan 220 V / 1ph. / 50 Hz	F: Compressor 400 V / 3ph. / 50 Hz fan 400 V / 1ph. / 50 Hz

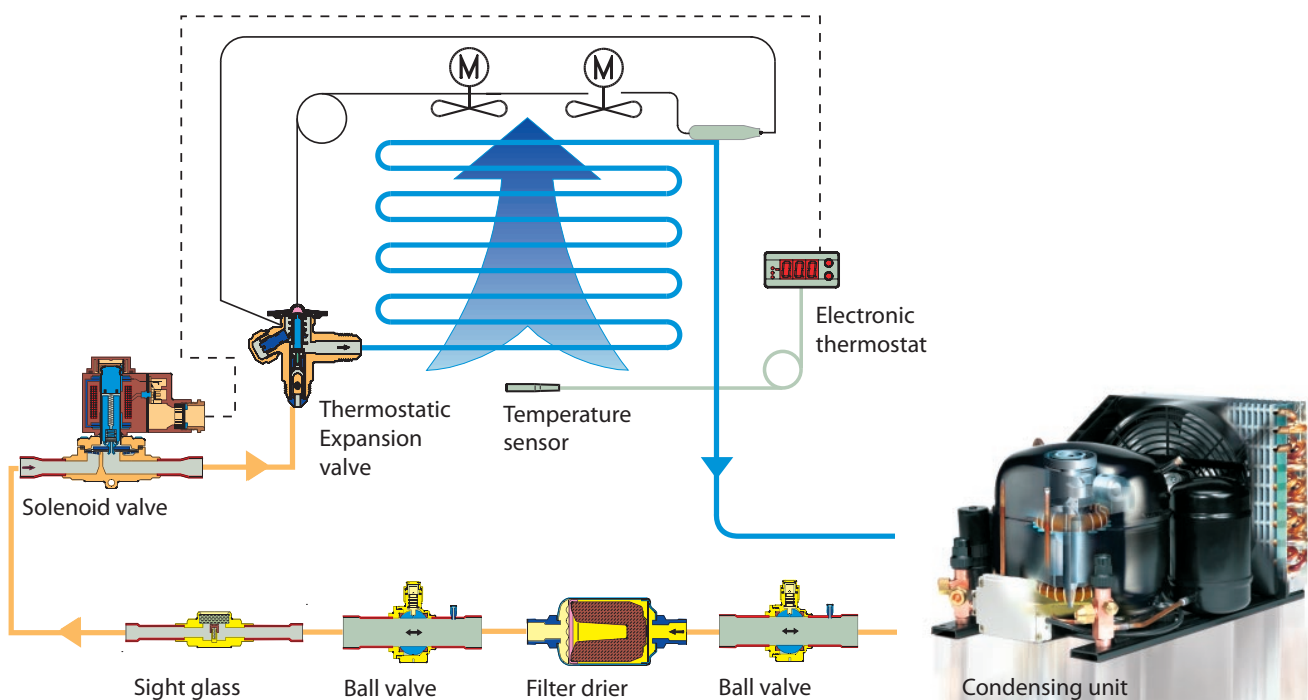
For other voltage and frequency please consult Danfoss

Quality in everything we do

Optyma™ is the first complete range of condensing units featuring compressors from Danfoss. It covers the widest range of hermetic units. Our production utilises state-of-the-art processes and every product is thoroughly tested in accordance with the most demanding standards.

If the condensing unit you are looking for is not mentioned in this leaflet or if you have special requirements, Danfoss partner wholesalers or local Danfoss teams can offer you help and guidance and will do their utmost to fulfil your needs.

Related products



The Danfoss Condensing Units programme



Standard versions



Customer specific designs



Weatherproof housings