MAKING MODERN LIVING POSSIBLE

Catalogue

Optyma ™ condensing unit
Reciprocating compressors

for R404A / R507 and R134a - 50 Hz

OPTYMA™

DANFOSS CONDENSING UNITS

www.danfoss.com

Reduce your customers' running costs

Optyma™ condensing unit is a very energy-efficient solution for your application. Due to the large heat transfer area and high COP of our compressors you are going to reduce the energy consumption significantly and therefore cut the energy bill.

Optimise your stock and logistics

Most Optyma™ condensing units can be used with R404A/R507 as well as R134a. A multifunctional condensing unit for a wide variety of applications. It will reduce your stock and improve your logistics.

Installation just got easier

Optyma™ condensing unit saves costs for service and maintenance. The high robustness and easy access to all components, reduce costs for installation even in very harsh environments.

No compromise on quality

We at Danfoss do not accept any concessions regarding quality & reliability for our products. With Optyma™ we provide 100% factory tested units to our customers with a premium quality.

Optyma™ the most reliable and efficient condensing units for the widest application range

Optyma™ is the widest range of hermetic condensing units on the market.
Optyma™ condensing unit is available with high capacity models of reciprocating compressors so to cover a large range of commercial refrigeration applications, reducing costs and complexity of the systems.
All Optyma™ condensing units are extremely efficient and reliable. That means less energy consumption and less running costs, less cost for service and maintenance.

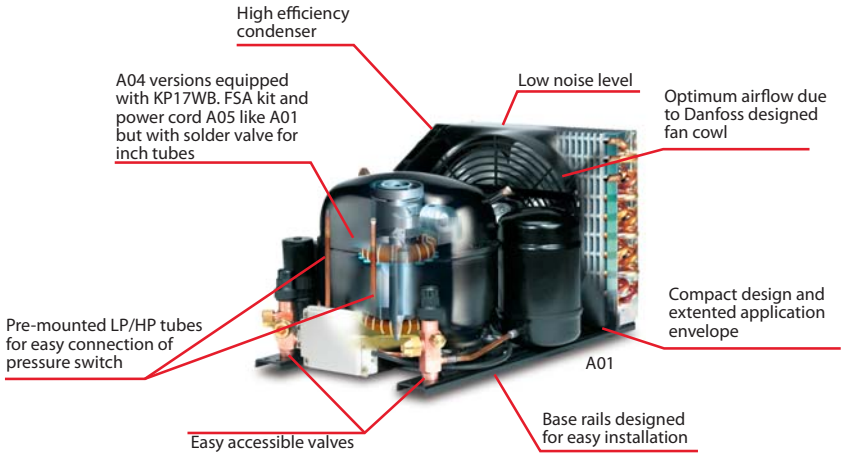
In addition to the wide Optyma™ range we also include local support and guidance if needed. A network of partner wholesalers and local Danfoss teams can offer you help and will do their utmost to fulfil your needs. At Danfoss we simply believe it is important to offer an "Optimum service".

Benefits

- High-efficiency condensers allowing an extended application envelope in higher ambient conditions as standard
- Low electrical consumption and low running cost
- Reliable components for longer life and less warranty call out costs
- Fully pre-wired and factory tested, reducing commissioning time on site
- Built-in grab handles for easier handling on site
- Base plate designed to allow easy mounting on wall brackets
- Flexible add-on design options including: fan speed control, oil separator, pressure switches or weather proof housing
- Easy access to all components for higher serviceability and simplified maintenance
- Compact dimensions and minimum foot print for easy handling, shipping and installation
- Local technical support included

Features

- HFC refrigerants R134a, R404A and R507
- Capacity: from 0 to 4200 Watt (R404A)
- High COP
- 100% factory tested for leakage
- 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



N° of fans	Test conditions	Unit	Version				Electrical code	Compressor	Amb. temp. [°C]	Capacity range in [W] at evaporatingtemperature [°C]				Power consumption (W) at -25°C evap temp	Application range [°C]
			A00	A01	A04	A05				-35°C	-30°C	-25°C	-20°C		
	CECOMAF	OP-LCHC004	114X1208	114X1209	114X1211	114X1210	G	TL4CLX	32°C	110	141	177	218	162	38°C: -45°C till -5°C 43°C: -45°C till -15°C
		OP-LCHC006	114X1216	114X1217	114X1219	114X1218	G	FR6CLX	32°C	171	219	273	332	267	38°C: -45°C till -15°C 43°C: -45°C till -30°C
		OP-LCHC008	114X1324	114X1325	114X1327	114X1326	G	FR8.5CLX	32°C	208	268	340	420	336	38°C: -45°C till -10°C 43°C: -45°C till -23.3°C
		OP-LCHC007	114X1328	114X1329	114X1331	114X1330	G	NL7CLX	32°C	234	302	380	497	336	38°C: -45°C till -10°C 43°C: -45°C till -25°C
		OP-LCHC008	114X1304	114X1305	114X1307	114X1306	G	NL8.4CLX	32°C	252	325	407	498	295	38°C: -45°C till -15°C 43°C: -45°C till -25°C
		OP-LCHC010	114X1332	114X1333	114X1335	114X1334	G	SC10CLX	32°C	216	300	393	496	373	38°C: -35°C till -15°C 43°C: -35°C till -25°C
		OP-LCHC012	114X1440	114X1441	114X1443	114X1442	G	SC12CLX	32°C	320	429	547	672	479	38°C: -45°C till -20°C 43°C: -45°C till -30°C
		OP-LCHC012	114X1444	114X1445	114X1447	114X1446	G	SC12CLX.2	32°C	342	438	545	663	473	38°C: -45°C till -20°C 43°C: -45°C till -35°C
		OP-LCHC015	114X1548	114X1549	114X1551	114X1550	G	SC15CLX	32°C	400	521	654	799	558	38°C: -45°C till -23.3°C 43°C: -45°C till -30°C
		OP-LCHC015	114X1552	114X1553	114X1555	114X1554	G	SC15CLX.2	32°C	413	528	657	798	563	38°C: -45°C till -25°C 43°C: -45°C till -35°C
		OP-LCHC018	114X1556	114X1557	114X1559	114X1558	G	SC18CLX	32°C	475	610	751	899	649	38°C: -45°C till -25°C 43°C: -45°C till -35°C
		OP-LCHC018	114X1560	114X1561	114X1563	114X1562	G	SC18CLX.2	32°C	486	618	764	921	683	38°C: -45°C till -25°C 43°C: -45°C till -35°C
		OP-LCHC021	114X1564	114X1565	114X1567	114X1566	G	SC21CLX	32°C	535	680	840	1014	754	38°C: -45°C till -30°C
	RGT20	OP-LCHC026	114X1672	114X1673	114X1675	114X1674	G	GS26CLX	32°C	670	860	1070	1290	1023	38°C: -45°C till -23.3°C 43°C: -45°C till -35°C
		OP-LCHC034	114X1780	114X1781	114X1783	114X1782	G	GS34CLX	32°C	850	1100	1350	1625	1170	38°C: -45°C till -30°C

Test condition
EN13215
Ambient temperature
Suction gas temperature
Version: **A00**: Without valves and receiver for capillary tubes
A01: With receiver, 2 stop valves, brackets and copper pipes for KP
A04: A01 + KP17WB + FSA-kit + power cord (except LCH034)
A05: A01 but solder valve for inch tubes

CECOMAF
Household & similar
32°C
20°C

Electrical code
G: Compressor 230 V/1 phase/50 Hz, fan 230 V/1 phase/50 Hz

Unit	Condenser coil			Condenser fan	Receiver volume [L]	Dimensions [mm]						Weight [kg]	
	Type	Air flow [m³/h]	Int. volume [dm³]	Fan blade Ø [mm]		Fig.	Height H [mm]	Width W [mm]	Length D [mm]	Suction line	Liquid line	Gross	Net
OP-LCHC004	BG2	231	0.25	1X200	0.8	1	226	304	446	1/4"	1/4"		13.8
OP-LCHC006	BG2	231	0.25	1X200	0.8	2	226	304	446	3/8"	1/4"		16.7
OP-LCHC008	BG3	518	0.31	1X230	1.1	2	256	321	458	3/8"	1/4"		17.9
OP-LCHC007	BG3	518	0.31	1X230	1.1	3	256	321	458	3/8"	1/4"		17.9
OP-LCHC008	BG3	518	0.31	1X230	1.1	3	256	321	458	3/8"	1/4"		17.9
OP-LCHC010	BG3	518	0.31	1X230	1.1	4	256	321	458	3/8"	1/4"		17.9
OP-LCHC012	BG4	631	0.40	1X254	1.1	4	296	331	465	3/8"	1/4"		22.0
OP-LCHC012	BG4	631	0.40	1X254	1.1	4	296	331	465	3/8"	1/4"		22.0
OP-LCHC015	BG5	583	0.53	1X254	1.1	4	296	331	465	3/8"	1/4"		23.4
OP-LCHC015	BG5	583	0.53	1X254	1.1	4	296	331	465	3/8"	1/4"		23.4
OP-LCHC018	BG5	583	0.53	1X254	1.1	4	296	331	465	1/2"	1/4"		23.4
OP-LCHC018	BG5	583	0.53	1X254	1.1	4	296	331	465	1/2"	1/4"		23.4
OP-LCHC021	BG5	583	0.53	1X254	1.1	4	296	331	465	1/2"	1/4"		23.4
OP-LCHC026	BG6	1150	0.63	1X300	2.4	5	340	430	480	1/2"	3/8"		39
OP-LCHC034	BG7	990	0.84	1X300	2.4	5	340	430	480	1/2"	3/8"		42

N° of fans	Test conditions	Unit	Version				Electrical code	Compressor	Amb. temp. [°C]	Capacity range in [W] at evaporating temperature [°C]					Power consumption (W)	Application range [°C]
			A00	A01	A04	A05				-15°C	-10°C	-5°C	0°C	+5°C		
	CECOMAF	OP-MCHC004	114X2208	114X2209	114X2211	114X2210	G	TL4DLX	32°C	265	314	377	450	528	284	38°C: -20°C till 0°C
		OP-MCHC006	114X2316	114X2317	114X2319	114X2318	G	FR6DLX	32°C	428	511	603	705	812	502	38°C: -20°C till 0°C
		OP-MCHC007	114X2424	114X2425	114X2427	114X2426	G	NF7MLX	32°C	577	688	810	941	1080	624	38°C: -23.3°C till -6.7°C
		OP-MCHC010	114X2532	114X2533	114X2535	114X2534	A	SC10MLX	32°C	736	884	1046	1220	1403	728	38°C: -23.3°C till -15°C
		OP-MCHC012	114X2540	114X2541	114X2543	114X2542	G	SC12MLX	32°C	863	1027	1205	1392	1586	890	38°C: -23.3°C till -20°C
		OP-MCHC015	114X2648	114X2649	114X2651	114X2650	G	SC15MLX	32°C	1081	1290	1519	1765	2026	1145	38°C: -23.3°C till -10°C
		OP-MCHC018	114X2756	114X2757	114X2759	114X2758	G	SC18MLX	32°C	1287	1538	1816	2116	2437	1235	38°C: -23.3°C till -6.70°C
		OP-MCHC021	114X2764	114X2765	114X2767	114X2766	G	GS21MLX	32°C	1410	1665	1925	2195	2460	1250	38°C: -20°C till -15°C
		OP-MCHC026	114X2772	114X2773	114X2775	114X2774	G	GS26MLX	32°C	1575	1870	2175	2470	2765	1500	38°C: -20°C till -10°C
		OP-MCHC034	114X2880	114X2881	114X2883	114X2882	G	GS34MLX	32°C	2350	2800	3250	3725	4200	2220	38°C: -20°C till-150°C

Test condition
EN13215
Ambient temperature 32°C
Suction temperature 32°C

Version: **A00**: Without valves and receiver for capillary tubes
A01: With receiver, 2 stop valves, brackets and copper pipes for KP
A04: A01 + KP17WB + FSA-kit + power cord (except LCH034)
A05: A01 but solder valve for inch tubes

CECOMAF
Household & similar

Electrical code
A: Compressor 230 V/1 phase/50 & 60 Hz, fan 230 V/1 phase/50 & 60 Hz
G: Compressor 230 V/1 phase/50 Hz, fan 230 V/1 phase/50 Hz

Unit	Condenser coil			Condenser fan	Receiver volume [L]	Dimensions [mm]						Weight [kg]
	Type	Air flow [m³/h]	Int. volume [dm³]	Fan blade Ø [mm]		Fig.	Height H [mm]	Width W [mm]	Length D [mm]	Suction line	Liquid line	
OP-MCHC004	BG2	231	0.25	1X200	0.8	1	226	304	446	3/8"	1/4"	13.8
OP-MCHC006	BG3	518	0.31	1X230	1.1	2	256	321	458	3/8"	1/4"	17.9
OP-MCHC007	BG4	631	0.40	1X254	1.1	3	296	331	478	3/8"	1/4"	18.3
OP-MCHC010	BG5	583	0.53	1X254	1.1	4	296	331	478	3/8"	1/4"	22.0
OP-MCHC012	BG5	583	0.53	1X254	1.1	4	296	331	478	3/8"	1/4"	22.0
OP-MCHC015	BG6	1132	1.1	1X300	1.1	4	350	442	610	1/2"	1/4"	40.6
OP-MCHC018	BG7	827	1.8	1X300	1.1	4	350	442	610	1/2"	1/4"	43.6
OP-MCHC021	BG7	990	0.84	1X300	1.6	5	340	430	480	5/8"	3/8"	36.0
OP-MCHC026	BG7	990	0.84	1X300	1.6	5	340	430	480	5/8"	3/8"	39.0
OP-MCHC034	BG8	2300	1.36	1X350	2.4	5	450	500	600	5/8"	3/8"	44.0

N° of fans	Test conditions	Unit	Version				Electrical code	Compressor	Amb. temp. [°C]	Capacity range in [W] at evaporating temperature [°C]						Power consumption (W)	Application range [°C]
			A00	A01	A04	A05				-30°C	-20°C	-10°C	0°C	+5°C	+10°C		
	CECOMAF	OP-UCGC003	114X0104	114X0105	114X0107	114X0106	G	TL3GX	32°C	52	91	147	220	263	309	93	-30°C till +15°C
		OP-UCGC004	114X0108	114X0109	114X0111	114X0110	G	TL4GX	32°C	67	115	182	269	320	377	110	-30°C till +7.2°C
		OP-UCGC005	114X0112	114X0113	114X0115	114X0114	G	TL5GX	32°C	83	139	217	317	374	436	123	-30°C till +0°C
		OP-UCGC006	114X0200	114X0201	114X0203	114X0202	G	FR6GX	32°C	106	185	294	437	522	617	145	-30°C till +10°C
		OP-MCGC006	114X0228	114X0229	114X0231	114X0230	A	NL6.1MF	32°C		192	30 6	453	537	628	142	-20°C till +10°C
		OP-MCGC007	114X0244	114X0245	114X0247	114X0246	A	NL7.3MF	32°C		237	372	541	638	742	173	-20°C till +5°C
		OP-UCGC007	114X0216	114X0217	114X0219	114X0218	G	FR7.5GX	32°C	114	201	321	478	571	674	159	-30°C till +10°C
		OP-UCGC008	114X0224	114X0225	114X0227	114X0226	G	FR8.5GX	32°C	141	24 0	376	550	652	762	181	-30°C till +5°C
		OP-MCGC008	114X0352	114X0353	114X0355	114X0354	A	NL8.4MF	32°C		283	4 46	657	780	915	198	-20°C till +15°C
		OP-MCGC010	114X0360	114X0361	114X0363	114X0362	A	NL10MF	32°C		3 47	536	780	922	1076	243	-20°C till +7.25°C
		OP-UCGC010	114X0232	114X0233	114X0235	114X0234	G	FR10GX	32°C	149	254	396	580	688	805	207	-30°C till +5°C
		OP-UCGC011	114X0336	114X0337[2]	114X0339	114X0338	G	FR11GX	32°C	16 8	327	510	737	875		236	-30°C till +5°C
		OP-MCGC011	114X0376	114X0377	114X0379	114X0378	G	NL11MF	32°C		378	582	842	992	1154	265	-20°C till +5°C
		OP-UCGC012	114X0340	114X0341	114X0343	114X0342	G	SC12GX	32°C	202	381	610	880	1029	1185	261	-35°C till +0°C
		OP-UCGC015	114X0448	114X04 49	114X0451	114X0450	G	SC15GX	32°C		4 63	731	1045	1220	1405	323	-25°C till +0°C
		OP-UCGC018	114X0556	114X0557	114X0559	114X0558	G	SC18GX	32°C		531	833	1210	1432	1682	367	-25°C till +05°C
		O P-MCGC021	114X0568	114X0569	114X0571	114X0570	G	SC21MF	32°C		628	947	1344	1568	1808	463	-23.5°C till -5°C
		O P-UCGC021	114X0564	114X0565	114X0567	114X0566	G	SC21GX	32°C		622	981	1414	1652	1902	437	-25°C till -5°C
	RGT20	OP-UCGC026	114X0772	114X0773	114X0775	114X0774	G	GS26MFX	32°C		820	1290	1890	2230		(-20°C) 660	-20°C till +7.2°C
		OP-UCGC03 4	114X0780	114X0781	114X0783	114X0782	G	GS34MFX	32°C		990	150 0	2100	2450		(-20°C) 700	-20°C till +0°C

Test condition
EN13215
Version:
A00: Without valves and receiver for capillary tubes
A01: With receiver, 2 stop valves, brackets and copper pipes for KP
A04: A01 + KP17WB + FSA-kit + power cord (except LCH034)
A05: A01 but solder valve for inch tubes

RGT20
Constant suction gas temperature

CECOMAF
Householdd & similar

Electrical code
A: Compressor 230 V/1 phase/50+60 Hz, fan 230 V/1 phase/50+60 Hz
G: Compressor 230 V/1 phase/50 Hz, fan 230 V/1 phase/50 Hz

Unit	Condenser coil			Condenser fan	Receiver volume [L]	Dimensions [mm]					Weight [kg]
	Type	Air flow [m³/h]	Int. volume [dm³]	Fan blade Ø [mm]		Fig.	Height H [mm]	Width W [mm]	Length D [mm]	Suction line	Liquid line	
OP-UCGC003	BG1	243	0.13	1x172	0.8	1	197	289	410	1/4"	1/4"	13.2
OP-UCGC004	BG1	243	0.13	1x172	0.8	1	197	289	410	1/4"	1/4"	13.2
OP-UCGC005	BG1	243	0.13	1x172	0.8	1	197	289	410	1/4"	1/4"	13.2
OP-UCGC006	BG2	231	0.25	1x200	0.8	2	226	304	432	3/8"	1/4"	16.7
OP-UCGC007	BG2	231	0.25	1x200	0.8	2	226	304	432	3/8"	1/4"	16.7
OP-UCGC008	BG2	231	0.25	1x200	0.8	2	226	304	432	3/8"	1/4"	16.7
OP-UCGC010	BG2	231	0.25	1x200	0.8	4	226	304	432	3/8"	1/4"	16.7
OP-UCGC011	BG3	518	0.31	1x230	1.1	4	256	321	444	3/8"	1/4"	17.9
OP-UCGC012	BG3	518	0.31	1x230	1.1	4	256	321	444	3/8"	1/4"	17.9
OP-UCGC015	BG4	631	0.40	1x254	1.1	4	296	331	451	3/8"	1/4"	22
OP-UCGC018	BG5	583	0.53	1x254	1.1	4	296	331	473	3/8"	1/4"	23.4
O P-UCGC021	BG5	583	0.53	1x254	1.1	4	296	331	513	3/8"	1/4"	23.4
OP-UCGC026	BG7	990	0.84	1x300	2.4	5	340	430	480	3/8"	1/4"	34.5
OP-UCGC034	BG7	990	0.84	1x300	2.4	5	340	430	480	1/2"	3/8"	36

Electrical characteristics - 230V/1phase

Unit	LRA compressor [A] 230 V/ 1 phase	MCC Fan [A] 230 V/ 1 phase
OP-LCHC004	5.7	0.19
OP-LCHC006	8.2	0.19
OP-LCHC008 (FR)	10	0.25
OP-LCHC007	10.4	0.25
OP-LCHC008 (NL)	13.7	0.25
OP-LCHC010	14.8	0.39
OP-LCHC012 (SC12CLX)	14.8	0.39
OP-LCHC012 (SC12CLX.2)	19.6	0.39
OP-LCHC015 (SC15CLX)	18.6	0.39
OP-LCHC015 (SC15CLX.2)	19.6	0.39
OP-LCHC018 (SC18CLX)	20	0.39
OP-LCHC018 (SC18CLX.2)	23.5	0.39
OP-LCHC021	23.4	0.39
OP-LCHC026	25.7	0.75
OP-LCHC034	40	0.75

Note
LRA (Locked Rotor Amps)
MCC (Maximum Continuous Current)

Spare parts

Unit	Condenser	Receiver	Fan motor 230Volts	Weatherproof Housing	Filter drier Type	Sight glass type	Pressure control type	Solenoid valve type (excl coil)
OP-LCHC004	118U0029	118U0517	118U0032	118U4620	DML/DCL 032	SGN 6	KP 1/KP 7/KP 17	EVR 2
OP-LCHC006	118U0029	118U0517	118U0032	118U4620	DML/DCL 032	SGN 6	KP 1/KP 7/KP 17	EVR 2
OP-LCHC008	118U0030	118U0523	118U0033	118U4620	DML/DCL 032	SGN 6	KP 1/KP 7/KP 17	EVR 2
OP-LCHC007	118U0030	118U0523	118U0033	118U4620	DML/DCL 032	SGN 6	KP 1/KP 7/KP 17	EVR 2
OP-LCHC008	118U0030	118U0523	118U0033	118U4620	DML/DCL 032	SGN 6	KP 1/KP 7/KP 17	EVR 2
OP-LCHC010	118U0030	118U0523	118U0033	118U4620	DML/DCL 032	SGN 6	KP 1/KP 7/KP 17	EVR 2
OP-LCHC012	118U0031	118U0523	118U0034	118U4620	DML/DCL 032	SGN 6	KP 1/KP 7/KP 17	EVR 3
OP-LCHC012	118U0031	118U0523	118U0034	118U4620	DML/DCL 032	SGN 6	KP 1/KP 7/KP 17	EVR 3
OP-LCHC015	118U0031	118U0523	118U0034	118U4620	DML/DCL 032	SGN 6	KP 1/KP 7/KP 17	EVR 3
OP-LCHC015	118U0031	118U0523	118U0034	118U4620	DML/DCL 032	SGN 6	KP 1/KP 7/KP 17	EVR 3
OP-LCHC018	118U0031	118U0523	118U0034	118U4620	DML/DCL 032	SGN 6	KP 1/KP 7/KP 17	EVR 3
OP-LCHC018	118U0031	118U0523	118U0034	118U4620	DML/DCL 032	SGN 6	KP 1/KP 7/KP 17	EVR 3
OP-LCHC021	118U0031	118U0523	118U0034	118U4620	DML/DCL 032	SGN 6	KP 1/KP 7/KP 17	EVR 3
OP-LCHC026	118U0054	118U0078	118U0058	118U4621	DML/DCL 032	SGN 10	KP 1/KP 7/KP 17	EVR 3
OP-LCHC034	118U0069	118U0078	118U0058	118U4621	DML/DCL 032	SGN 10	KP 1/KP 7/KP 17	EVR 3

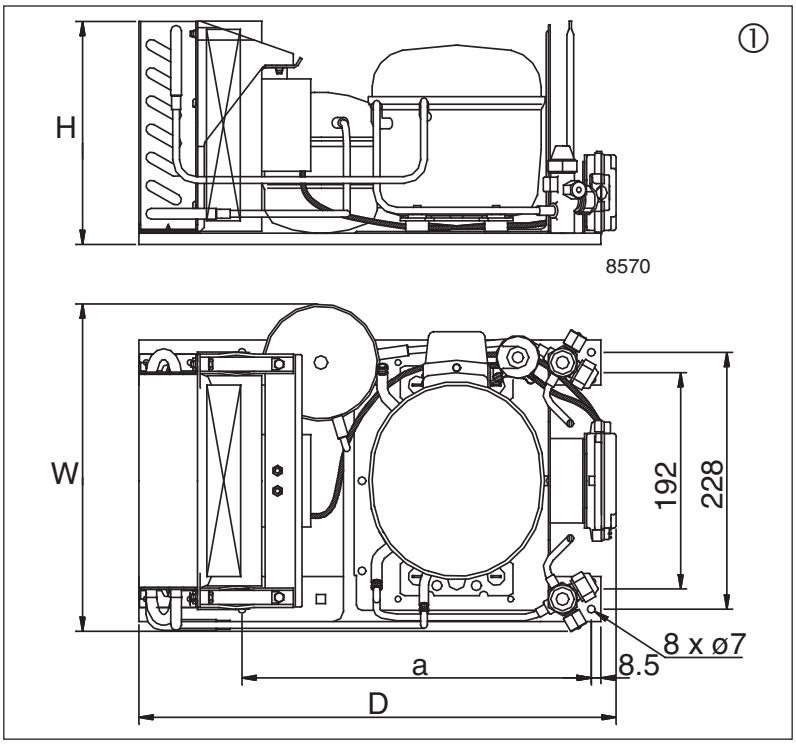
Electrical characteristics - 230V/1phase

Unit	LRA compressor [A] 230 V/ 1 phase	MCC Fan [A] 230 V/ 1 phase
OP-UCGC003	4.9	0.19
OP-UCGC004	5.1	0.19
OP-UCGC005	5.7	0.19
OP-UCGC006	7.5	0.19
OP-UCGC007	8.1	0.19
OP-UCGC008	8.2	0.19
OP-UCGC010	10	0.19
OP-UCGC011	10	0.25
OP-UCGC012	12.6	0.25
OP-UCGC015	14.8	0.39
OP-UCGC018	18.6	0.39
O P-UCGC021	21.8	0.39
OP-UCGC026	20.2	0.75
OP-UCGC034	25.7	0.75

Note
LRA (Locked Rotor Amps)
MCC (Maximum Continuous Current

Spare parts (components)

Unit	Condenser	Receiver	Fan motor	Weatherproof housing	Filter drier Type	Sight glass type	Pressure control type	Solenoid valve type (excl coil)
			230Volts					
OP-UCGC003	118U0028	118U0517	118U0032	18U4620	DML/DCL032	SGN6	KP1/KP5/KP17	EVR2
OP-UCGC004	118U0028	118U0517	118U0032	18U4620	DML/DCL032	SGN6	KP1/KP5/KP17	EVR2
OP-UCGC005	118U0028	118U0517	118U0032	18U4620	DML/DCL032	SGN6	KP1/KP5/KP17	EVR2
OP-UCGC006	118U0029	118U0517	118U0032	18U4620	DML/DCL032	SGN6	KP1/KP5/KP17	EVR2
OP-UCGC007	118U0029	118U0517	118U0032	18U4620	DML/DCL032	SGN6	KP1/KP5/KP17	EVR2
OP-UCGC008	118U0029	118U0517	118U0032	18U4620	DML/DCL032	SGN6	KP1/KP5/KP17	EVR2
OP-UCGC010	118U0029	118U0517	118U0032	18U4620	DML/DCL032	SGN6	KP1/KP5/KP17	EVR2
OP-UCGC011	118U0030	118U0523	118U0033	18U4620	DML/DCL032	SGN6	KP1/KP5/KP17	EVR2
OP-UCGC012	118U0030	118U0523	118U0033	18U4620	DML/DCL052	SGN6	KP1/KP5/KP17	EVR3
OP-UCGC015	118U0031	118U0523	118U0033	18U4620	DML/DCL052	SGN6	KP1/KP5/KP17	EVR3
OP-UCGC018	118U0031	118U0523	118U0033	18U4620	DML/DCL052	SGN6	KP1/KP5/KP17	EVR3
O P-UCGC021	118U0031	118U0523	118U0033	18U4620	DML/DCL052	SGN6	KP1/KP5/KP17	EVR3
OP-UCGC026	118U0069	118U0078	118U0058	18U4620	DML/DCL052	SGN6	KP1/KP5/KP17	EVR3
OP-UCGC034	118U0069	118U0078	118U0058	18U4620	DML/DCL052	SGN6	KP1/KP5/KP17	EVR3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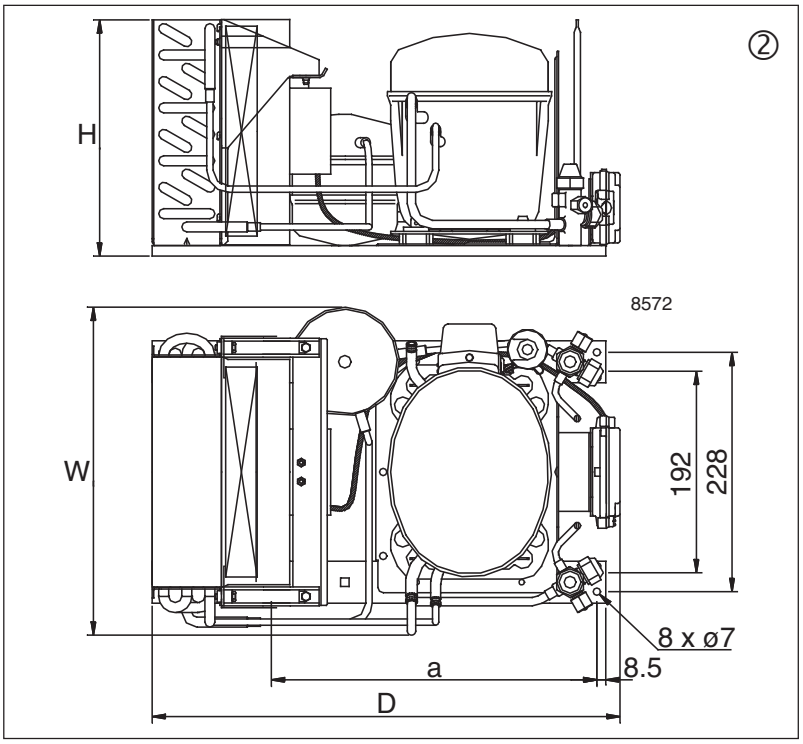
a
D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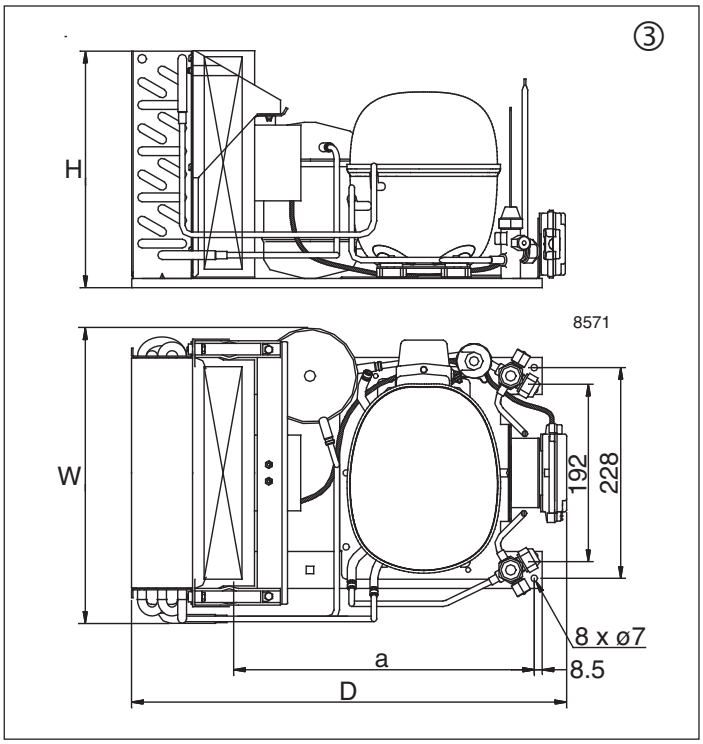
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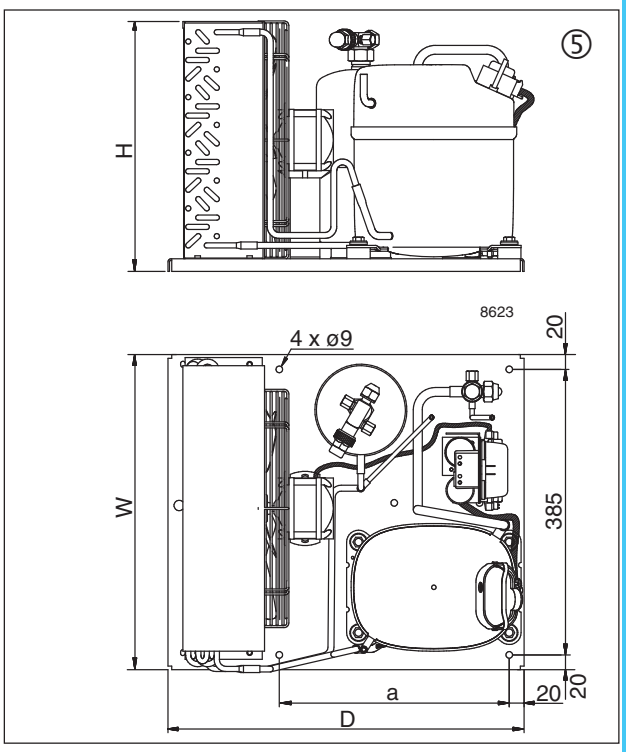
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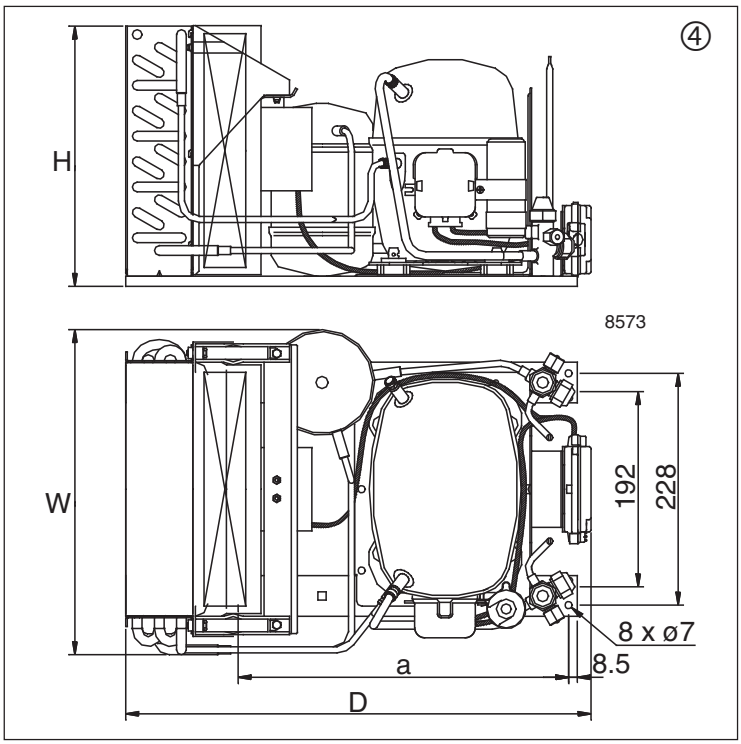
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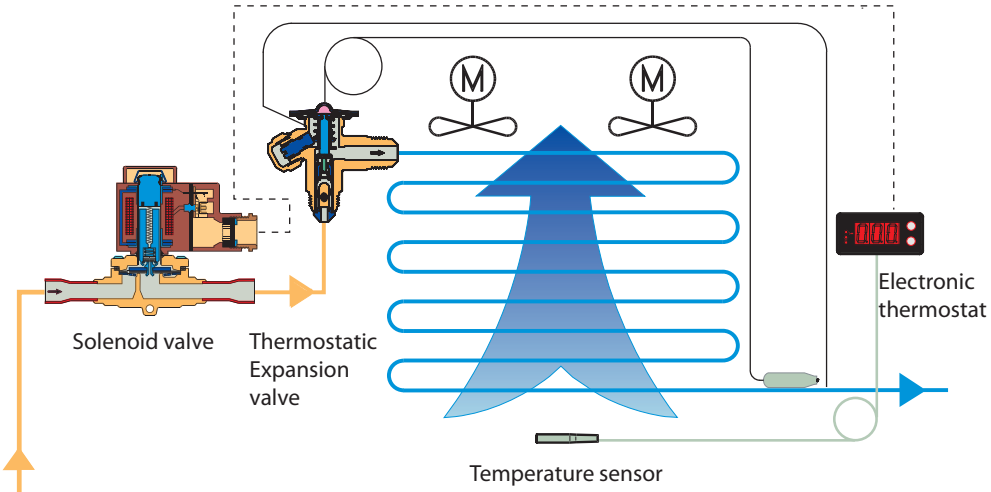
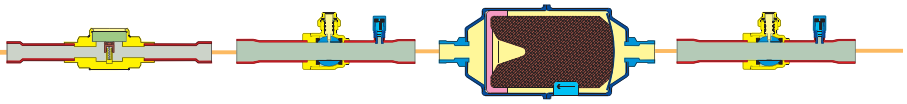
D

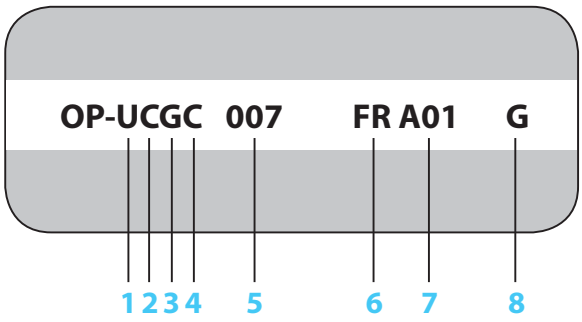




Sight glass Ball valve Filter drier Ball valve Condensing unit

Designation system for the Optyma™ standard programme

(additional programme frequency etc.: please contact your local wholesaler)



1 Application	**L**: Low **M**: Medium **U**: Low / Medium / High
2 Design	**C:** Air cooled condensing unit with 1 fan and hermetic compressor
3 Refrigerant	**G**: R134a **H:** R404A/R507
4 Condenser option	**C**: Standard
5 Displacement	**012**: 12 cm^3 **007**: 7.5 cm^3
6 Compressor platform	**TL** **FR** **NL** **SC** **GS**
7 Version	**A00**: Without valves and receiver for capillary tubes **A01**: Basic with bracket and copper pipes for KP **A04**: A01 + KP17WB + FSA-kit + power cord **A05**: A01 but solder valve for inch tubes
8 Electrical code	**A:** Compressor 230 V/1~/50+60 Hz, fan 230 V/1~/50+60 Hz **G:** Compressor 230 V/1~/50 Hz, fan 230 V/1~/50 Hz

Danfoss Commercial Compressors is a worldwide manufacturer of compressors and condensing units for refrigeration and HVAC applications. With a wide range of high quality and innovative products we help your company to find the best possible energy efficient solution that respects the environment and reduces total life cycle costs.

We have 40 years of experience within the development of hermeting compressors and today we operate engineering and manufacturing facilities spread across three continents.

Performer Variable Speed scroll compressors

Performer Air Conditioning scroll compressors

Performer Heat Pump scroll compressors

Maneurop Variable Speed reciprocating compressors

Performer Refrigeration scroll compressors

Maneurop Reciprocating Compressors

Optyma Plus Condensing Units

Optyma Condensing Units

Our products can be found in a variety of applications such as rooftops, chillers, residential air conditioners, heatpumps, coldrooms, supermarkets, milk tank cooling and industrial cooling processes.

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