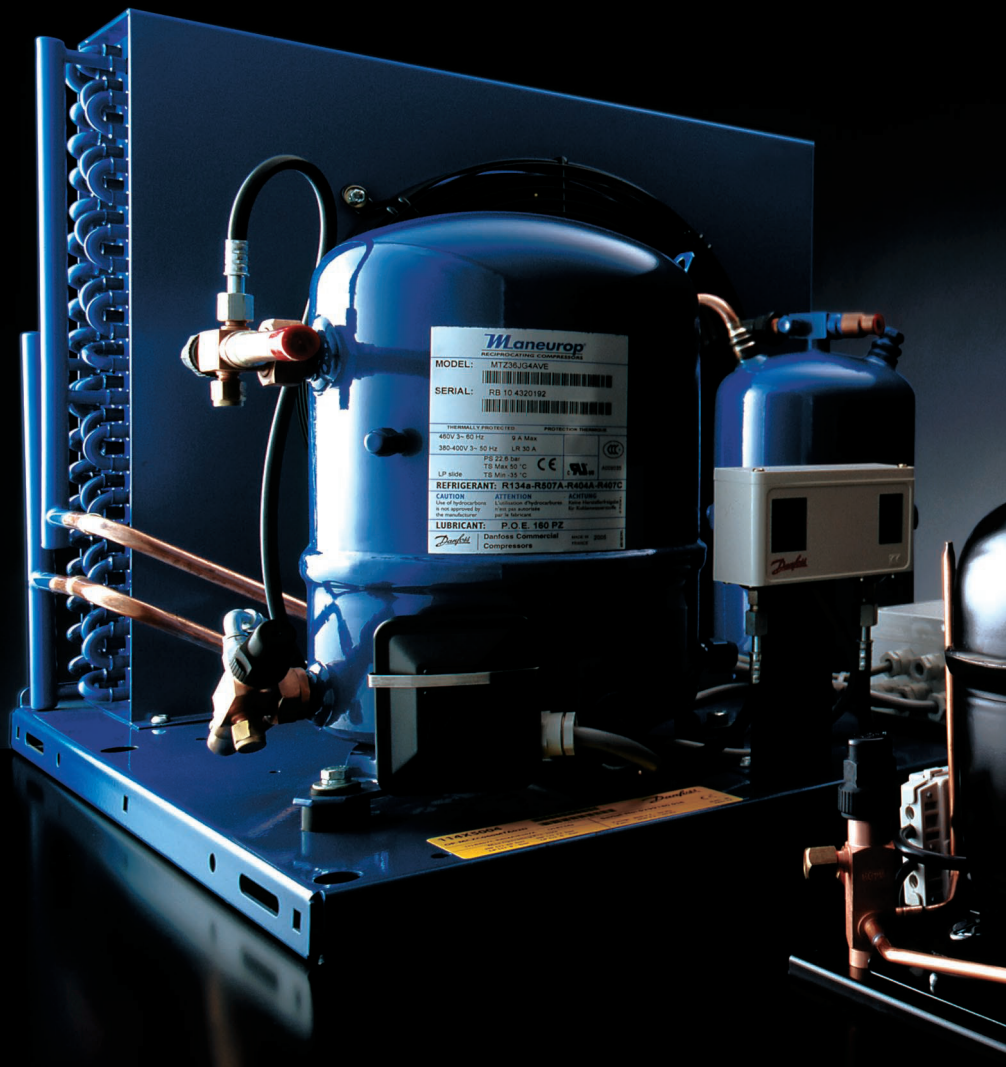




R134a Optyma™ Condensing Unit

Optyma™ condensing unit R134a LBP/MBP/HBP

Test conditions	Unit	Platform	Version			Electrical code	HP	Condenser coil			Condenser fan		Capacity in Watt at evaporating temperature °C								
			A00	A01	A04			Type	Airflow m³/h	Inter vol (dm3)	Number	Fan blade (mm)									
CECOMAF	OP-UCGC003	TL	114X0104	114X0105	114X0107	G	1/2	BG1	243	0.13	1	172	37	52	69	91	117	147	181	220	269
	OP-UCGC004	TL	114X0108	114X0109	114X0111	G	1/10	BG1	243	0.13	1	172	49	67	89	115	146	182	222	269	317
	OP-UCGC005	TL	114X0112	114X0113	114X0115	G	1/8	BG1	243	0.13	1	172	62	83	108	139	175	217	264	317	437
	OP-UCGC006	FR	114X0200	114X0201	114X0203	G	1/6	BG2	231	0.25	1	200	74	106	142	185	235	294	361	437	580
	OP-UCGC007	FR	114X0216	114X0217	114X0219	G	1/5	BG2	231	0.25	1	200	81	114	154	201	257	321	395	478	580
	OP-UCGC008	FR	114X0224	114X0225	114X0227	G	1/5	BG2	231	0.25	1	200	103	141	186	240	303	376	458	550	580
	OP-UCGC010	FR	114X0232	114X0233	114X0235	G	1/5	BG2	231	0.25	1	200	103	149	197	254	320	396	483	580	737
	OP-UCGC011	FR	114X0336	114X0337	114X0339	G	1/4	BG3	518	0.31	1	230	89	168	246	327	414	510	616	737	880
	OP-UCGC012	SC	114X0340	114X0341	114X0343	G	1/3	BG3	518	0.31	1	230	136	202	285	381	490	610	741	880	1.045
	OP-UCGC015	SC	114X0448	114X0449	114X0451	G	3/8	BG4	631	0.40	1	254			3.348	463	591	731	882	1.045	1.210
RGT 20	OP-UCGC018	SC	114X0556	114X0557	114X0559	G	1/2	BG5	583	0.53	1	254			404	531	673	833	1.011	1.210	1.414
	OP-UCGC021	SC	114X0564	114X0565	114X0567	G	5/8	BG5	583	0.53	1	254			474	622	792	981	1.189	1.414	1.890
	OP-UCGC026	GS	114X0772	114X0773	114X0775	G	3/4	BG7	990	0.84	1	300				820	1.040	1.290	1.575	1.890	2.100
	OP-UCGC034	GS	114X0780	114X0781	114X0783	G	1	BG7	990	0.84	1	300				990	1.250	1.500	1.800	2.100	

Test condition

EN 13125

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 and 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 + KP 17WB universal pressure switch

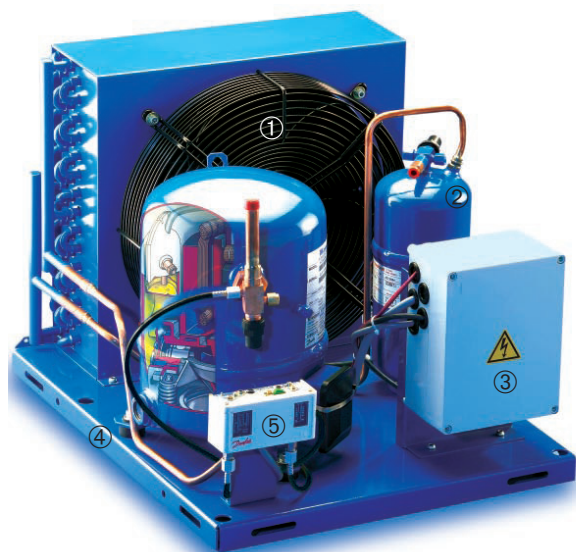
A04 A01 + KP 17WB + FSA-Kit + power cord (except UCGC034)

Electrical characteristics

Unit	LRA compressor	MCC fan
	230 V / 1 ph	230 V / 1 ph
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
OP-UCGC021	21.8	0.39
OP-UCGC026	20.2	0.75
OP-UCGC034	25.7	0.75

Automatic controls

Unit	Expansion valve type	Orifice		
		-25°C	-10°C	+5°C
OP-UCGC003	TN 2/TEN 2	0X	0X	0X
OP-UCGC004	TN 2/TEN 2	0X	0X	0X
OP-UCGC005	TN 2/TEN 2	0X	0X	0X
OP-UCGC006	TN 2/TEN 2	0X	0X	0X
OP-UCGC007	TN 2/TEN 2	0X	0X	00
OP-UCGC008	TS 2/TES 2	0X	0X	00
OP-UCGC010	TS 2/TES 2	0X	0X	00
OP-UCGC011	TS 2/TES 2	0X	0X	00
OP-UCGC012	TS 2/TES 2	0X	00	01
OP-UCGC015	TN 2/TEN 2	0X	00	01
OP-UCGC018	TN 2/TEN 2	0X	01	01
OP-UCGC021	TN 2/TEN 2	00	01	02
OP-UCGC026	TN 2/TEN 2	00	01	02
OP-UCGC034	TN 2/TEN 2	00	01	02



- ① Single fan design (low noise level)
- ② Receiver equipped with 3/8" NPTF plug and shut-off valve with access port
- ③ Fully prewired and factory tested
- ④ Compact design and extended application envelope
- ⑤ Combined HP/LP pressure switch Danfoss KP17WB

- ① A04 versions equipped with KP17WB. FSA kit and power cord
- ② Pre-mounted LP/HP tubes for easy connection of pressure switch
- ③ Easy accessible valves
- ④ High efficient condenser
- ⑤ Low noise level
- ⑥ Optimum airflow due to Danfoss designed fan cowl
- ⑦ Compact design and extended application envelope
- ⑧ Base rails designed for easy installation

				Application range at 43°C	Power consumption [W] at evap. temp.	Receiver volume [L]	Dimensions [mm]						Weight [kg]			Compressor	
5	7.2	10	15				Fig.	Height H	Width W	Length D	Dist. a	Suction line	Liquid line	A00	A01		A04
					-25°C												
263	282	309	359	-35°C to +15°C	93	0.8	1	197	289	410	310	6	6	11.4	13.2	14.2	TL3GX
320	344	377	439	-35°C to +15°C	110	0.8	1	197	289	410	310	6	6	11.4	13.2	14.2	TL4GX
374	401	436	502	-35°C to +5°C	123	0.8	1	197	289	410	310	6	6	11.4	13.2	14.2	TL5GX
522	532	617		-35°C to +10°C	145	0.8	2	226	304	432	310	10	6	15.1	13.2	17.8	FR6GX
571	615	674		-35°C to +10°C	159	0.8	2	226	304	432	310	10	6	15.1	16.7	17.8	FR7.5GX
652	699	762		-35°C to +10°C	181	0.8	2	226	304	432	310	10	6	15.1	16.7	17.8	FR8.5GX
688	737	805		-35°C to +5°C	207	0.8	2	226	304	432	310	10	6	15.1	16.7	17.8	FR10GX
875				-35°C to +5°C	236	1.1	2	256	321	444	325	10	6	15.2	17.6	18.6	FR11GX
1029	1.095	1.185	1.349	-35°C to +5°C	261	1.1	4	256	321	444	325	10	6	15.5	17.9	18.9	SC12GX
1.220	1.221	1.405	1.603	-35°C to +5°C	323	1.1	4	296	331	451	325	10	6	19.8	22.0	22.9	SC15GX
1.432	1.538	1.682	1.962	-35°C to +5°C	367	1.1	4	296	331	473	325	10	6	19.8	23.4	24.2	SC18GX
1.652	1.759	1.902	2.160	-35°C to 0°C	437	1.1	4	296	331	513	365	10	6	21.1	23.4	24.2	SC21GX
2.230	2.390			-20°C to +7.2°C	(-20°) 660	2.4	7	340	430	480	310	12	10	31.5	34.5	36.0	GS26MFX
2.450	2.600			-20°C to +7.2°C	(-20°) 700	2.4	7	340	430	480	310	12	10	33.0	36.0	37.5	GS34MFX

Electrical Code

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
E Compressor 400 V/3ph./50 Hz Fan 230 V/1ph./50 Hz
G Compressor 220 V/1ph./50 Hz Fan 220 V/1ph./50 Hz

Platform GS: Preliminary data

Filter drier type	Sight glass type	Pressure control type	Thermostat type	Solenoid valve type (excl. coil)	Coil code no.	Fan speed controller type	Weatherproof housing code no.
DML 032	SGN 6	KP1/KP7/KP17	KP61/KP62	EVR 2	018F6701	RGE-Z1L4-7DS	118U4620
DML 032	SGN 6	KP1/KP7/KP17	KP61/KP62	EVR 2	018F6701	RGE-Z1L4-7DS	118U4620
DML 032	SGN 6	KP1/KP7/KP17	KP61/KP62	EVR 2	018F6701	RGE-Z1L4-7DS	118U4620
DML 032	SGN 6	KP1/KP7/KP17	KP61/KP62	EVR 2	018F6701	RGE-Z1L4-7DS	118U4620
DML 032	SGN 6	KP1/KP7/KP17	KP61/KP62	EVR 2	018F6701	RGE-Z1L4-7DS	118U4620
DML 032	SGN 6	KP1/KP7/KP17	KP61/KP62	EVR 2	018F6701	RGE-Z1L4-7DS	118U4620
DML 032	SGN 6	KP1/KP7/KP17	KP61/KP62	EVR 2	018F6701	RGE-Z1L4-7DS	118U4620
DML 032	SGN 6	KP1/KP7/KP17	KP61/KP62	EVR 2	018F6701	RGE-Z1L4-7DS	118U4620
DML 052	SGN 6	KP1/KP7/KP17	KP61/KP62	EVR 3	018F6701	RGE-Z1L4-7DS	118U4620
DML 052	SGN 6	KP1/KP7/KP17	KP61/KP62	EVR 3	018F6701	RGE-Z1L4-7DS	118U4620
DML 052	SGN 6	KP1/KP7/KP17	KP61/KP62	EVR 3	018F6701	RGE-Z1L4-7DS	118U4620
DML 052	SGN 6	KP1/KP7/KP17	KP61/KP62	EVR 3	018F6701	RGE-Z1L4-7DS	118U4620
DML 052	SGN 10	KP1/KP7/KP17	KP61/KP62	EVR 3	018F6701	RGE-Z1L4-7DS	118U4621
DML 052	SGN 10	KP1/KP7/KP17	KP61/KP62	EVR 3	018F6701	RGE-Z1L4-7DS	118U4621

Dimensions

