

ENGINEERING
TOMORROW



Catalogue

Optyma™ High Ambient 52 Pack

The **Cool** Outsider, for better
Food Preservation

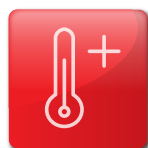
R404A/R507, R134a - 60Hz



Optyma™
by Danfoss

<http://cc.danfoss.com>

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Very high ambient units

Optyma™ **High Ambient 52 Pack** units are designed to operate reliably at very high ambient temperature up to 52°C and are built tough to deliver great performance in demanding environment. They provide stable running conditions and ensure efficient operation of the refrigeration systems which is crucial for better food preservation.



Built-in reliability

We provide 100% factory tested units to our customers with premium quality. Built with the Danfoss reciprocating compressor inside which is the most reliable and proven compressor technology in the field since over 40 years, the resistant micro-channel condenser, the Optyma™ **High Ambient 52 Pack** include all the best of our condensing units.



Quiet solution

Optyma™ **High Ambient 52 Pack** can be located even in residential areas. They are built with acoustic insulation reducing low sound level and impact on surrounding and improving comfort.



Value for money

Cost-competitive, they provide substantial energy and operating costs savings, and long lifespan of refrigeration systems thanks to the energy efficient and reliable components inside. They require very low maintenance, also contributing to savings.



Effortless installation

Featuring a compact design with 3 access doors giving an easy access to components, reduced weight and simplified wiring, the Plug & Play units are among the fastest to install and easiest to service. Pre-equipped with the needed components inside, all parameters are already set up, switch on the power, and the cooling process is up and running!



Standard state-of-the-art features

The units are standard featured with micro-channel condenser, receiver, filter drier, crankcase heater, sight glass, fan speed controller, electrical box, discharge gas thermostat (only for LBP models), suction and liquid valves, dual pressure switch, oil separator (only for LBP models).



Stock and logistics optimization

Multi-refrigerant condensing units with optimized packaging cover a wide variety of applications in medium and low temperatures, with R404A/R507 and R134a refrigerants. Reduced storage space and costs thanks to stack mounting feature, few code numbers for fast selection and high availability of the products and spare parts.



Support and products availability

Local sales and technical support by your side. Access to a full set of tools for a peace of mind selection and installation. Off-the-shelf availability of products and spare parts in our distribution network across the country.



Increased business opportunities

Danfoss Optyma™ **High Ambient 52 Pack** extend your possibilities with new models for low and medium temperatures. Your cooling capacity has almost no limits.

Main product features

Reciprocating compressor



E-coated micro-channel heat exchanger



3 access doors



Reliable and efficient

Electrical box IP54

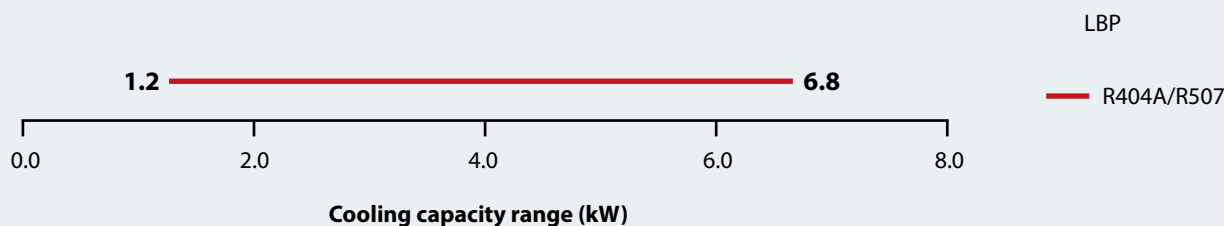
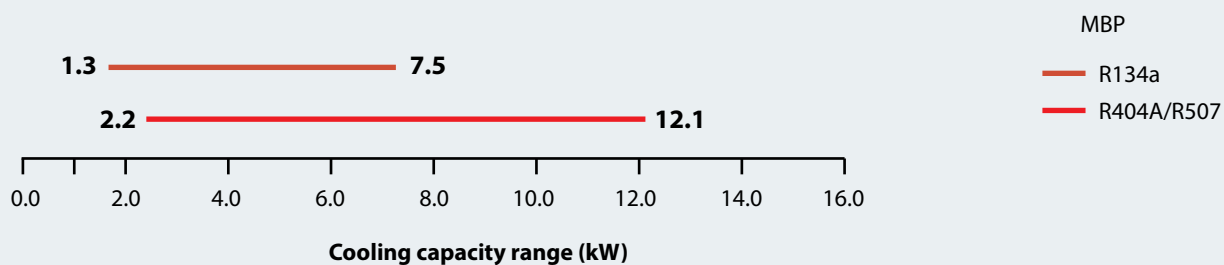
On site stack mounting

Resistant in harsh conditions

Plug and play

Compact design

Capacity & Operating range



MBP Rated conditions, Evaporating temperature -10°C. Ambient air temperature +43°C. Superheat 10K. Subcooling 0K

LBP Rated conditions, Evaporating temperature -30°C. Ambient air temperature +43°C. Superheat 10K. Subcooling 0K

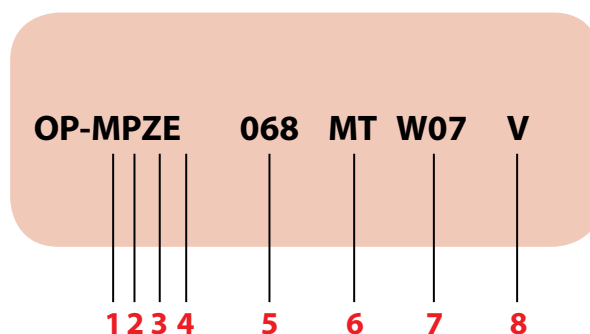
Condensing Unit Limits
Ambient Temp [°C] Up to 52°C

T Evaporation [°C]	Min	Max
LBP R404A/R507	-40	-10
MBP R404A/R507	-20	+10
MBP R134a	-25	+10



For more information related to envelope/performance, please refer to Coolselector®
coolselector.danfoss.com or contact Danfoss

Designation system for the Optyma™ High Ambient 52 Pack



1 Application	M = MBP L = LBP
2 Family	P = Packaged condensing unit
3 Refrigerant	Z = R404A/R507/R134a H = R404A/R507
4 Condenser	E = E-coated Microchannel for very high ambient up to 52°C
5 Displacement	Displacement in cm ³
6 Compressor platform	NT = NTZ (Reciprocating) MT = MTZ (Reciprocating)
7 Version	W07 = Optyma™ High Ambient 52 Pack with Receiver, Filter drier, Crankcase heater, Sight glass, Fan speed controller, Electrical box, Discharge gas thermostat (Only for LBP models), Suction and Liquid valves, Dual pressure switch, Oil separator (Only for LBP models)
8 Voltage code	Q = 230V - 3ph - 60Hz Compressor & 230V - 1ph - 60Hz Fan N = 230V - 1ph - 60Hz Compressor & Fan V = 380V - 3ph - 60Hz Compressor & 230V - 1ph - 60Hz Fan

Catalogue

Performance data R404A/R507 LBP

Performance with EN13215, SH=10K & SC=0K, R404A

Model number	Compressor	Code number (Version W07)	Electrical code	T _{amb} [°C]	Cooling capacity Q [W]							Abs Power [W]	Sound pressure at 10 meter dB(A)
					T _e [°C]								
					-40°C	-35°C	-30°C	-25°C	-20°C	-15°C	-10°C	-30°C	
OP-LPHE048	NTZ048	114X7140 114X7150 114X7153	Q N V	25	1006	1454	1992	2623	3349	4173	5097		39
				32	810	1210	1687	2246	2890	3622	4446		
				38	645	1001	1425	1922	2495	3148	3886		
				43	512	832	1211	1655	2168	2754	3419	1535	
				46	-	733	1084	1496	1973	2519	3140		
				52	-	-	840	1187	1590	2055	-		
OP-LPHE068	NTZ068	114X7141 114X7151 114X7120	Q N V	25	1722	2346	3076	3912	4854	5897	7036		39
				32	1402	1953	2598	3338	4173	5101	6118		
				38	1157	1647	2220	2877	3619	4448	5359		
				43	971	1412	1924	2512	3177	3922	4743	2392	
				46	-	1278	1754	2300	2920	3613	4380		
					-	-	1428	1891	2416	3007	-		
OP-LPHE108	NTZ108	114X7142 114X7152 114X7154	Q N V	25	2159	3186	4451	5959	7712	9706	11931		47
				32	1822	2738	3856	5184	6725	8479	10442		
				38	1508	2327	3318	4492	5853	7404	9143		
				43	1234	1971	2857	3901	5113	6495	8049	3321	
				46	-	1755	2576	3543	4665	5945	7388		
				52	-	-	2010	2822	3763	4840	-		
OP-LPHE136	NTZ136	114X7143 114X7121	Q V	25	3063	4283	5729	7407	9318	11459	13822		47
				32	2494	3598	4901	6410	8127	10052	12181		
				38	2015	3014	4190	5548	7096	8832	10756		
				43	1630	2537	3601	4831	6233	7809	9560	4311	
				46	-	2256	3252	4403	5716	7194	8840		
				52	-	-	2567	3555	4685	5962	-		
OP-LPHE215	NTZ215	114X7144 114X7155	Q V	25	4740	6439	8445	10758	13374	16279	19456		55
				32	3869	5405	7204	9267	11592	14169	16986		
				38	3083	4470	6083	7926	9998	12294	14804		
				43	2425	3678	5130	6785	8643	10702	12955	6436	
				46	-	3206	4558	6097	7825	-	-		
				52	-	-	3428	4729	-	-	-		
OP-LPHE271	NTZ271	114X7145 114X7122	Q V	25	6239	8381	10872	13685	16785	20129	23668		55
				32	5218	7123	9318	11785	14496	17417	20509		
				38	4324	6016	7953	10119	12495	15051	17757		
				43	3582	5090	6805	8718	10809	13059	15440	8620	
				46	-	4538	6118	7875	9794	-	-		
					-	-	4753	6193	-	-	-		

Electrical code

Q = 230V - 3ph - 60Hz Compressor & 230V - 1ph - 60Hz Fan

N = 230V - 1ph - 60Hz Compressor & Fan

V = 380V - 3ph - 60Hz Compressor & 230V - 1ph - 60Hz Fan

NTZ type compressor models are reciprocating compressors

Cooling capacity is given for units with 3-phase compressor. Capacity of single-phase versions is within +/- 3% of this value.

Power consumption referred at 43°C ambient temperature



For more information related to envelope/performance, please refer to Coolselector®
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Catalogue

Performance data R404A/R507 MBP

Performance with EN13215, SH=10K & SC=0K, R404A

Model number	Compressor	Code number (Version W07)	Electrical code	Tamb [°C]	Cooling capacity Q [W]							Abs Power [W]	Sound pressure at 10 meter dB(A)
					Te [°C]								
					-20°C	-15°C	-10°C	-5°C	0°C	5°C	10°C	-10°C	
OP-MPZE030	MTZ018	114X7156 114X7146	Q N	25	1865	2511	3263	4123	5093	6172	7359		42
				32	1592	2183	2867	3649	4531	5513	6594		
				38	1345	1884	2507	3219	4023	4919	5907		
				43	1135	1628	2197	2849	3585	4408	-	1873	
				46	1010	1473	2009	2623	3317	-	-		
				52	-	1164	1630	2166	-	-	-		
OP-MPZE048	MTZ028	114X7157 114X7123 114X7117	Q N V	25	3359	4254	5272	6409	7662	9022	10479		40
				32	2964	3777	4696	5719	6843	8062	9369		
				38	2602	3339	4169	5091	6102	7199	8375		
				43	2286	2957	3710	4545	5460	6454	-	2791	
				46	2092	2722	3427	4208	5066	-	-		
				52	-	2239	2846	3519	-	-	-		
OP-MPZE060	MTZ036	114X7158 114X7147 114X7126	Q N V	25	4501	5806	7319	9044	10982	13133	15490		40
				32	3890	5069	6433	7989	9739	11683	13818		
				38	3372	4440	5674	7082	8668	10434	12377		
				43	2944	3917	5041	6325	7773	9388	-	3376	
				46	2689	3604	4662	5869	7234	-	-		
				52	-	2980	3901	4957	-	-	-		
OP-MPZE068	MTZ040	114X7159 114X7148	Q N	25	5085	6534	8201	10088	12192	14508	17024		40
				32	4405	5713	7215	8915	10812	12903	15179		
				38	3831	5013	6370	7905	9621	11515	13582		
				43	3360	4434	5665	7061	8623	10352	-	3801	
				46	3080	4088	5243	6553	8022	-	-		
				52	-	3399	4400	5537	-	-	-		
OP-MPZE086	MTZ050	114X7160 114X7149 114X7118	Q N V	25	6216	7914	9867	12077	14544	17260	20215		52
				32	5384	6937	8715	10725	12965	15433	18119		
				38	4634	6051	7671	9501	11541	13791	16244		
				43	3995	5291	6772	8445	10315	12380	-	4479	
				46	3610	4829	6223	7800	9565	-	-		
				52	-	3899	5112	6491	-	-	-		
OP-MPZE108	MTZ064	114X7137 114X7124 114X7127	Q N V	25	8171	10419	13012	15956	19250	22888	26860		50
				32	7076	9114	11460	14121	17100	20396	23999		
				38	6115	7963	10088	12500	15205	18201	21485		
				43	5305	6990	8925	11124	13594	16338	-	5899	
				46	4818	6401	8221	10290	12618	-	-		
				52	-	5222	6802	-	-	-	-		
OP-MPZE121	MTZ072	114X7138 114X7128	Q V	25	9262	11751	14615	17858	21477	25463	29801		49
				32	7986	10228	12806	15727	18991	22593	26522		
				38	6892	8912	11236	13873	16827	20094	23669		
				43	5986	7814	9920	12315	15005	17991	-	6740	
				46	5447	7157	9129	11376	13906	-	-		
				52	-	5851	7548	-	-	-	-		
OP-MPZE171	MTZ100	114X7139 114X7119	Q V	25	11656	14763	18282	22205	26513	31180	36175		55
				32	9938	12729	15886	19404	23271	27468	31970		
				38	8483	10996	13834	16998	20482	24272	28346		
				43	7290	9564	12131	14995	18156	21601	-	8908	
				46	6585	8712	11114	13796	16760	-	-		
				52	-	7032	9096	-	-	-	-		

Electrical code

Q = 230V - 3ph - 60Hz Compressor & 230V - 1ph - 60Hz Fan

N = 230V - 1ph - 60Hz Compressor & Fan

V = 380V - 3ph - 60Hz Compressor & 230V - 1ph - 60Hz Fan

MTZ type compressor models are reciprocating compressors

Cooling capacity is given for units with 3-phase compressor. Capacity of single-phase versions is within +/- 3% of this value.

Power consumption referred at 43°C ambient temperature



For more information related to envelope/performance, please refer to Coolselector®
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Catalogue

Performance data R134a MBP

Performance with EN13215, SH=10K & SC=0K, R134a

Model number	Compressor	Code number (Version W07)	Electrical code	T _{amb} [°C]	Cooling capacity Q [W]								Abs Power [W]	Sound pressure at 10 meter dB(A)
					T _e [°C]									
					-25°C	-20°C	-15°C	-10°C	-5°C	0°C	5°C	10°C	-10°C	
OP-MPZE030	MTZ018	114X7156 114X7146	Q N	25	625	940	1343	1842	2441	3144	3955	4873	1043	42
				32	512	802	1169	1621	2163	2799	3533	4367		
				38	409	677	1014	1426	1919	2498	3168	3930		
				43	321	571	883	1262	1715	2247	2863	3566		
				46	268	508	804	1164	1593	2097	2681	3348		
				52	-	385	651	971	1353	1801	2321	2917		
OP-MPZE048	MTZ028	114X7157 114X7123 114X7117	Q N V	25	1213	1641	2183	2860	3688	4678	5841	7180	1464	40
				32	1033	1439	1943	2566	3323	4229	5294	6523		
				38	864	1252	1723	2299	2997	3831	4812	5948		
				43	719	1090	1534	2071	2719	3493	4405	5463		
				46	630	991	1418	1932	2550	3288	4159	5171		
				52	-	794	1187	1653	2211	2878	3666	4585		
OP-MPZE060	MTZ036	114X7158 114X7147 114X7126	Q N V	25	1747	2398	3204	4181	5341	6695	8254	10023	2045	40
				32	1530	2158	2924	3844	4929	6193	7643	9288		
				38	1324	1926	2653	3519	4536	5717	7072	8609		
				43	1145	1723	2413	3230	4188	5298	6570	8013		
				46	1037	1598	2264	3051	3971	5037	6259	7646		
				52	-	1349	1964	2687	3529	4504	5622	6893		
OP-MPZE068	MTZ040	114X7159 114X7148	Q N	25	2099	2752	3557	4537	5714	7105	8729	10599	2248	40
				32	1813	2430	3184	4097	5193	6490	8005	9753		
				38	1571	2155	2863	3718	4742	5956	7376	9018		
				43	1374	1929	2597	3402	4366	5509	6849	8401		
				46	1258	1795	2438	3213	4140	5240	6531	8029		
				52	-	1533	2126	2837	3689	4702	5895	7284		
OP-MPZE086	MTZ050	114X7160 114X7149 114X7118	Q N V	25	2226	3102	4210	5580	7232	9186	11453	14039	2620	52
				32	1833	2626	3623	4856	6350	8125	10197	12575		
				38	1527	2258	3169	4293	5657	7285	9194	11395		
				43	1284	1971	2818	3858	5120	6629	8405	10462		
				46	1142	1806	2617	3609	4812	6253	7950	9922		
				52	-	1484	2231	3134	4226	5533	7080	8883		
OP-MPZE108	MTZ064	114X7137 114X7124 114X7127	Q N V	25	2753	3831	5201	6904	8976	11447	14345	17690	3371	50
				32	2290	3284	4543	6106	8012	10294	12978	16088		
				38	1916	2839	4001	5446	7210	9327	11828	14735		
				43	1621	2485	3567	4912	6558	8539	10886	13625		
				46	1451	2280	3315	4600	6174	8074	10329	12966		
				52	-	1888	2828	3994	5426	7161	9232	11665		
OP-MPZE121	MTZ072	114X7138 114X7128	Q V	25	3179	4325	5778	7590	9809	12474	15621	19276	3816	49
				32	2716	3809	5178	6873	8942	11428	14364	17780		
				38	2307	3348	4635	6223	8158	10483	13234	16441		
				43	1968	2958	4173	5665	7484	9671	12264	15293		
				46	1768	2725	3894	5327	7073	9176	11672	14593		
				52	-	2268	3339	4649	6246	8174	10473	13174		
OP-MPZE171	MTZ100	114X7139 114X7119	Q V	25	4078	5711	7774	10305	13335	16886	20970	25590	5023	55
				32	3457	4979	6882	9209	11991	15254	19013	23274		
				38	2923	4349	6116	8266	10836	13851	17332	21286		
				43	2484	3828	5480	7484	9876	12685	15933	19630		
				46	2224	3520	5102	7017	9302	11988	15096	18639		
				52	-	2915	4358	6096	8166	10603	13431	16666		

Electrical code

Q = 230V - 3ph - 60Hz Compressor & 230V - 1ph - 60Hz Fan

N = 230V - 1ph - 60Hz Compressor & Fan

V = 380V - 3ph - 60Hz Compressor & 230V - 1ph - 60Hz Fan

MTZ type compressor models are reciprocating compressors

Cooling capacity is given for units with 3-phase compressor. Capacity of single-phase versions is within +/- 3% of this value.

Power consumption referred at 43°C ambient temperature



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Application	Code number	Model number	Compressor Model	Electrical Code (1)	Refrigerant (2)	Condenser Coil			Fan		Receiver	Dimensions						Weight		
						Type	Airflow	Internal Volume	Number	Blade ø		Volume	Chassis	Height	Width	Depth	Suction line	Liquid Line	Gross	Net
							(m²/h)	(dm³)						(mm)	(L)	mm	mm	mm		
Low Back Pressure Models																				
LBP	114X7140	OP-LPHE048NTW07Q	NTZ048	Q	H	D7	3250	0.61	1	456	3.4	H2	815	1061	434	5/8"	1/2"	112	90	
LBP	114X7150	OP-LPHE048NTW07N	NTZ048	N	H	D7	3250	0.61	1	456	3.4	H2	815	1061	434	5/8"	1/2"	112	90	
LBP	114X7153	OP-LPHE048NTW07V	NTZ048	V	H	D7	3250	0.61	1	456	3.4	H2	815	1061	434	5/8"	1/2"	112	90	
LBP	114X7120	OP-LPHE068NTW07V	NTZ068	V	H	D7	3250	0.61	1	456	3.4	H2	815	1061	434	5/8"	1/2"	112	90	
LBP	114X7141	OP-LPHE068NTW07Q	NTZ068	Q	H	D7	3250	0.61	1	456	3.4	H2	815	1061	434	5/8"	1/2"	112	90	
LBP	114X7151	OP-LPHE068NTW07N	NTZ068	N	H	D7	3250	0.61	1	456	3.4	H2	815	1061	434	5/8"	1/2"	112	90	
LBP	114X7142	OP-LPHE108NTW07Q	NTZ108	Q	H	G7	5200	1.69	1	500	6.2	H3	966	1408	483	7/8"	3/4"	153	117	
LBP	114X7152	OP-LPHE108NTW07N	NTZ108	N	H	G7	5200	1.69	1	500	6.2	H3	966	1408	483	7/8"	3/4"	153	117	
LBP	114X7154	OP-LPHE108NTW07V	NTZ108	V	H	G7	5200	1.69	1	500	3.2	H3	966	1408	483	7/8"	3/4"	153	117	
LBP	114X7121	OP-LPHE136NTW07V	NTZ136	V	H	G7	5200	1.69	1	500	6.2	H3	966	1408	483	1 1/8"	3/4"	153	117	
LBP	114X7143	OP-LPHE136NTW07Q	NTZ136	Q	H	G7	5200	1.69	1	500	6.2	H3	966	1408	483	1 1/8"	3/4"	153	117	
LBP	114X7144	OP-LPHE215NTW07Q	NTZ215	Q	H	J7	9500	2.03	2	500	10	H4	967	1800	600	1 1/8"	3/4"	228	179	
LBP	114X7155	OP-LPHE215NTW07V	NTZ215	V	H	J7	9500	2.03	2	500	10	H4	967	1800	600	1 1/8"	3/4"	228	179	
LBP	114X7122	OP-LPHE271NTW07V	NTZ271	V	H	J7	9500	2.03	2	500	10	H4	967	1800	600	1 1/8"	3/4"	228	179	
LBP	114X7145	OP-LPHE271NTW07Q	NTZ271	Q	H	J7	9500	2.03	2	500	10	H4	967	1800	600	1 1/8"	3/4"	228	179	
Medium Back Pressure Models																				
MBP	114X7146	OP-MPZE030MTW07N	MTZ018	N	Z	D7	3250	0.61	1	456	3.4	H2	815	1061	434	1/2"	3/8"	102	80	
MBP	114X7156	OP-MPZE030MTW07Q	MTZ018	Q	Z	D7	3250	0.61	1	456	3.4	H2	815	1061	434	1/2"	3/8"	102	80	
MBP	114X7117	OP-MPZE048MTW07V	MTZ028	V	Z	D7	3250	0.61	1	456	3.4	H2	815	1061	434	1/2"	3/8"	102	80	
MBP	114X7123	OP-MPZE048MTW07N	MTZ028	N	Z	D7	3250	0.61	1	456	3.4	H2	815	1061	434	5/8"	1/2"	102	80	
MBP	114X7157	OP-MPZE048MTW07Q	MTZ028	Q	Z	D7	3250	0.61	1	456	3.4	H2	815	1061	434	1/2"	3/8"	102	80	
MBP	114X7126	OP-MPZE060MTW07V	MTZ036	V	Z	G7	5200	1.69	1	500	6.2	H3	966	1408	483	5/8"	1/2"	143	107	
MBP	114X7147	OP-MPZE060MTW07N	MTZ036	N	Z	G7	5200	1.69	1	500	6.2	H3	966	1408	483	5/8"	1/2"	143	107	
MBP	114X7158	OP-MPZE060MTW07Q	MTZ036	Q	Z	G7	5200	1.69	1	500	6.2	H3	966	1408	483	5/8"	1/2"	143	107	
MBP	114X7148	OP-MPZE068MTW07N	MTZ040	N	Z	G7	5200	1.69	1	500	6.2	H3	966	1408	483	5/8"	1/2"	143	107	
MBP	114X7159	OP-MPZE068MTW07Q	MTZ040	Q	Z	G7	5200	1.69	1	500	6.2	H3	966	1408	483	5/8"	1/2"	143	107	
MBP	114X7118	OP-MPZE086MTW07V	MTZ050	V	Z	G7	5200	1.69	1	500	6.2	H3	966	1408	483	7/8"	3/4"	143	107	
MBP	114X7149	OP-MPZE086MTW07N	MTZ050	N	Z	G7	5200	1.69	1	500	6.2	H3	966	1408	483	7/8"	3/4"	143	107	
MBP	114X7160	OP-MPZE086MTW07Q	MTZ050	Q	Z	G7	5200	1.69	1	500	6.2	H3	966	1408	483	7/8"	3/4"	143	107	
MBP	114X7124	OP-MPZE108MTW07N	MTZ064	N	Z	J7	9500	2.03	2	500	10	H4	967	1800	600	7/8"	3/4"	218	169	
MBP	114X7127	OP-MPZE108MTW07V	MTZ064	V	Z	J7	9500	2.03	2	500	10	H4	967	1800	600	7/8"	3/4"	218	169	
MBP	114X7137	OP-MPZE108MTW07Q	MTZ064	Q	Z	J7	9500	2.03	2	500	10	H4	967	1800	600	7/8"	3/4"	218	169	
MBP	114X7128	OP-MPZE121MTW07V	MTZ072	V	Z	J7	9500	2.03	2	500	10	H4	967	1800	600	7/8"	3/4"	218	169	
MBP	114X7138	OP-MPZE121MTW07Q	MTZ072	Q	Z	J7	9500	2.03	2	500	10	H4	967	1800	600	7/8"	3/4"	218	169	
MBP	114X7119	OP-MPZE171MTW07V	MTZ100	V	Z	J7	9500	2.03	2	500	10	H4	967	1800	600	1 1/8"	3/4"	218	169	
MBP	114X7139	OP-MPZE171MTW07Q	MTZ100	Q	Z	J7	9500	2.03	2	500	10	H4	967	1800	600	1 1/8"	3/4"	218	169	

(1) Q = 230V - 3ph - 60Hz Compressor & 230V - 1ph - 60Hz Fan
N = 230V - 1ph - 60Hz Compressor & Fan
V = 380V - 3ph - 60Hz Compressor & 230V - 1ph - 60Hz Fan

(2) H - R404A/R507
Z - R404A/R507/R134a



For more information related to envelope/performance, please refer to Coolselector®
coolselector.danfoss.com or contact Danfoss

Catalogue

Spare parts & accessories - LBP

Designation	OP-LPHE048	OP-LPHE048	OP-LPHE048	OP-LPHE068	OP-LPHE068	OP-LPHE068	OP-LPHE108	OP-LPHE108
Code Number	114X7140	114X7150	114X7153	114X7120	114X7141	114X7151	114X7142	114X7152
Compressor Description	NTZ048-3LR1	NTZ048-1LR1	NTZ048-9LR1	NTZ068-9LR1	NTZ068-3LR1	NTZ068-1LR1	NTZ108-3LR1	NTZ108-1LR1
Chassis	H2	H2	H2	H2	H2	H2	H3	H3
Spare Parts								
Compressor single pack	120F0026	120F0072	120F0174	120F0169	120F0027	120F0073	120F0029	120F0075
Condenser	118U5081	118U5081	118U5081	118U5081	118U5081	118U5081	118U5082	118U5082
Dual pressure switch	060-533091	060-533091	060-533091	060-533091	060-533091	060-533091	060-533091	060-533091
Fan assembly*	-	-	-	-	-	-	118U3829	118U3829
Fan blade	118U3481	118U3481	118U3481	118U3481	118U3481	118U3481	-	-
Fan capacitor	118U5114	118U5114	118U5114	118U5114	118U5114	118U5114	-	-
Fan cowl/grill	118U3484	118U3484	118U3484	118U3484	118U3484	118U3484	118U3485	118U3485
Fan motor	118U5115	118U5115	118U5115	118U5115	118U5115	118U5115	-	-
Filter drier	023Z5040	023Z5040	023Z5040	023Z5040	023Z5040	023Z5040	023Z5045	023Z5045
Suction valve	009G7053	009G7053	009G7053	009G7053	009G7053	009G7053	009G7055	009G7055
Liquid valve	009G7051	009G7051	009G7051	009G7051	009G7051	009G7051	009G7052	009G7052
Receiver	118U3475	118U3475	118U3475	118U3475	118U3475	118U3475	118U3476	118U3476
Sight glass	014L0172	014L0172	014L0172	014L0172	014L0172	014L0172	014L0173	014L0173
Fan speed controller	061H3144	061H3144	061H3144	061H3144	061H3144	061H3144	061H3144	061H3144
Discharge gas thermostat	7750009	7750009	7750009	7750009	7750009	7750009	7750009	7750009
Oil separator	118U3981	118U3981	118U3981	118U3981	118U3981	118U3981	118U3982	118U3982
Electrical Spare Parts								
Crankcase heater	120Z0460	120Z0460	120Z0460	120Z0460	120Z0460	120Z0460	120Z0460	120Z0460
Contact kit	118U5108	118U5109	118U5106	118U5107	118U5109	118U5110	118U5110	118U5112
Overload relay	118U3877	118U3878	118U5103	118U3875	118U3878	118U3879	118U3879	118U3881
Run capacitor	-	8173040	-	-	-	8173233	-	8173232
Starting capacitor	-	8173001	-	-	-	8173002	-	8173002
Starting relay	-	8173022	-	-	-	8173022	-	8173022
Circuit Breaker	118U5090	118U5097	118U5088	118U5084	118U5091	118U5102	118U5093	118U5099
Accessories (Not Premounted)								
Acoustic hood	120Z0575	120Z0575	120Z0575	120Z0575	120Z0575	120Z0575	120Z0576	120Z0576

* Fan assembly consists of fan motor, fan blade, fan capacitor

Designation	OP-LPHE108	OP-LPHE136	OP-LPHE136	OP-LPHE215	OP-LPHE215	OP-LPHE271	OP-LPHE271
Code Number	114X7154	114X7121	114X7143	114X7144	114X7155	114X7122	114X7145
Compressor Description	NTZ108-9LR1	NTZ136-9LR1	NTZ136-3LR1	NTZ215-3LR1	NTZ215-9LR1	NTZ271-9LR1	NTZ271-3LR1
Chassis	H3	H3	H3	H4	H4	H4	H4
Spare Parts							
Compressor single pack	120F0176	120F0171	120F0030	120F0038	120F0178	120F0179	120F0039
Condenser	118U5082	118U5082	118U5082	118U5083	118U5083	118U5083	118U5083
Dual pressure switch	060-533091	060-533091	060-533091	060-533091	060-533091	060-533091	060-533091
Fan assembly*	118U3829	118U3829	118U3829	118U3829	118U3829	118U3829	118U3829
Fan blade	-	-	-	-	-	-	-
Fan capacitor	-	-	-	-	-	-	-
Fan cowl/grill	118U3485	118U3485	118U3485	118U3485	118U3485	118U3485	118U3485
Fan motor	-	-	-	-	-	-	-
Filter drier	023Z5045	023Z5045	023Z5045	023Z5046	023Z5046	023Z5046	023Z5046
Suction valve	009G7055	009G7056	009G7056	009G7056	009G7056	009G7056	009G7056
Liquid valve	009G7052	009G7052	009G7052	009G7054	009G7054	009G7054	009G7054
Receiver	118U3476	118U3476	118U3476	118U3716	118U3716	118U3716	118U3716
Sight glass	014L0173	014L0173	014L0173	014L0175	014L0175	014L0175	014L0175
Fan speed controller	061H3144	061H3144	061H3144	061H3144	061H3144	061H3144	061H3144
Discharge gas thermostat	7750009	7750009	7750009	7750009	7750009	7750009	7750009
Oil separator	118U3982	118U3982	118U3982	118U3982	118U3982	118U3982	118U3982
Electrical Spare Parts							
Crankcase heater	120Z0460	120Z0460	120Z0460	120Z0460	120Z0460	120Z0460	120Z0460
Contact kit	118U5108	118U5109	118U5111	118U5113	118U5110	118U5111	118U5113
Overload relay	118U3877	118U3878	118U3880	118U5104	118U3879	118U3880	118U5105
Run capacitor	-	-	-	-	-	-	-
Starting capacitor	-	-	-	-	-	-	-
Starting relay	-	-	-	-	-	-	-
Circuit Breaker	118U5084	118U5085	118U5094	118U5095	118U5087	118U5089	118U5096
Accessories (Not Premounted)							
Acoustic hood	120Z0576	120Z0576	120Z0576	120Z0577	120Z0577	120Z0577	120Z0577

* Fan assembly consists of fan motor, fan blade, fan capacitor

Catalogue

Spare parts & accessories - MBP

Designation	OP-MPZE030	OP-MPZE030	OP-MPZE048	OP-MPZE048	OP-MPZE048	OP-MPZE060	OP-MPZE060	OP-MPZE060	OP-MPZE068	OP-MPZE068
Code Number	114X7146	114X7156	114X7117	114X7123	114X7157	114X7126	114X7147	114X7158	114X7148	114X7159
Compressor Description	MTZ18-1VI	MTZ18-3VI	MTZ28-9VI	MTZ28-1VI	MTZ28-3VI	MTZ36-9VI	MTZ36-1VI	MTZ36-3VI	MTZ40-1VI	MTZ40-3VI
Chassis	H2	H2	H2	H2	H2	H3	H3	H3	H3	H3
Spare Parts										
Compressor single pack	MTZ18-1VI	MTZ18-3VI	MTZ28-9VI	MTZ28-1VI	MTZ28-3VI	MTZ36-9VI	MTZ36-1VI	MTZ36-3VI	MTZ40-1VI	MTZ40-3VI
Condenser	118U5081	118U5081	118U5081	118U5081	118U5081	118U5082	118U5082	118U5082	118U5082	118U5082
Dual pressure switch	060-533091	060-533091	060-533091	060-533091	060-533091	060-533091	060-533091	060-533091	060-533091	060-533091
Fan assembly*	-	-	-	-	-	118U3829	118U3829	118U3829	118U3829	118U3829
Fan blade	118U3481	118U3481	118U3481	118U3481	118U3481	-	-	-	-	-
Fan capacitor	118U5114	118U5114	118U5114	118U5114	118U5114	-	-	-	-	-
Fan cowl/grill	118U3484	118U3484	118U3484	118U3484	118U3484	118U3485	118U3485	118U3485	118U3485	118U3485
Fan motor	118U5115	118U5115	118U5115	118U5115	118U5115	-	-	-	-	-
Filter drier	023Z5040	023Z5040	023Z5040	023Z5040	023Z5040	023Z5045	023Z5045	023Z5045	023Z5045	023Z5045
Suction valve	009G7052	009G7052	009G7052	009G7053	009G7052	009G7053	009G7053	009G7053	009G7053	009G7053
Liquid valve	009G7051	009G7051	009G7051	009G7051	009G7051	009G7052	009G7052	009G7052	009G7052	009G7052
Receiver	118U3475	118U3475	118U3475	118U3475	118U3475	118U3476	118U3476	118U3476	118U3476	118U3476
Sight glass	014L0172	014L0172	014L0172	014L0172	014L0172	014L0173	014L0173	014L0173	014L0173	014L0173
Fan speed controller	061H3144	061H3144	061H3144	061H3144	061H3144	061H3144	061H3144	061H3144	061H3144	061H3144
Electrical Spare Parts										
Crankcase heater	120Z0460	120Z0460	120Z0460	120Z0460	120Z0460	120Z0460	120Z0460	120Z0460	120Z0460	120Z0460
Contact kit	118U5109	118U5107	118U5107	118U5110	118U5109	118U5108	118U5111	118U5109	118U5112	118U5110
Overload relay	118U3878	-	118U3875	118U3880	-	118U3877	118U3880	-	118U3881	-
Run capacitor	8173041	-	-	8173233	-	-	8173042	-	8173234	-
Starting capacitor	8173001	-	-	8173001	-	-	8173002	-	8173001	-
Starting relay	8173022	-	-	8173022	-	-	8173022	-	8173022	-
Circuit Breaker	118U5097	118U5090	118U5084	118U5098	118U5091	118U5084	118U5099	118U5092	118U5099	118U5093
Accessories (Not Premounted)										
Acoustic hood	120Z0575	120Z0575	120Z0575	120Z0575	120Z0575	120Z0575	120Z0575	120Z0575	120Z0575	120Z0575

* Fan assembly consists of fan motor, fan blade, fan capacitor

Designation	OP-MPZE086	OP-MPZE086	OP-MPZE086	OP-MPZE108	OP-MPZE108	OP-MPZE108	OP-MPZE121	OP-MPZE121	OP-MPZE171	OP-MPZE171
Code Number	114X7118	114X7149	114X7160	114X7124	114X7127	114X7137	114X7128	114X7138	114X7119	114X7139
Compressor Description	MTZ50-9VI	MTZ50-1VI	MTZ50-3VI	MTZ64-1VI	MTZ64-9VI	MTZ64-3VI	MTZ72-9VI	MTZ72-3VI	MTZ100-9VI	MTZ100-3VI
Chassis	H3	H3	H3	H4	H4	H4	H4	H4	H4	H4
Spare Parts										
Compressor single pack	MTZ50-9VI	MTZ50-1VI	MTZ50-3VI	MTZ64-1VI	MTZ64-9VI	MTZ64-3VI	MTZ72-9VI	MTZ72-3VI	MTZ100-9VI	MTZ100-3VI
Condenser	118U5082	118U5082	118U5082	118U5083	118U5083	118U5083	118U5083	118U5083	118U5083	118U5083
Dual pressure switch	060-533091	060-533091	060-533091	060-533091	060-533091	060-533091	060-533091	060-533091	060-533091	060-533091
Fan assembly*	118U3829	118U3829	118U3829	118U3829	118U3829	118U3829	118U3829	118U3829	118U3829	118U3829
Fan blade	-	-	-	-	-	-	-	-	-	-
Fan capacitor	-	-	-	-	-	-	-	-	-	-
Fan cowl/grill	118U3485	118U3485	118U3485	118U3485	118U3485	118U3485	118U3485	118U3485	118U3485	118U3485
Fan motor	-	-	-	-	-	-	-	-	-	-
Filter drier	023Z5045	023Z5045	023Z5045	023Z5046	023Z5046	023Z5046	023Z5046	023Z5046	023Z5046	023Z5046
Suction valve	009G7055	009G7055	009G7055	009G7055	009G7055	009G7055	009G7055	009G7055	009G7056	009G7056
Liquid valve	009G7052	009G7052	009G7052	009G7054	009G7054	009G7054	009G7054	009G7054	009G7054	009G7054
Receiver	118U3476	118U3476	118U3476	118U3716	118U3716	118U3716	118U3716	118U3716	118U3716	118U3716
Sight glass	014L0173	014L0173	014L0173	014L0175	014L0175	014L0175	014L0175	014L0175	014L0175	014L0175
Fan speed controller	061H3144	061H3144	061H3144	061H3144	061H3144	061H3144	061H3144	061H3144	061H3144	061H3144
Electrical Spare Parts										
Crankcase heater	120Z0460	120Z0460	120Z0460	120Z0460	120Z0460	120Z0460	120Z0460	120Z0460	120Z0460	120Z0460
Contact kit	118U5109	118U5112	118U5110	118U5113	118U5110	118U5111	118U5110	118U5111	118U5111	118U5113
Overload relay	118U3878	118U3881	-	118U5104	118U3879	118U3880	118U3879	118U3880	118U3880	118U5104
Run capacitor	-	-	-	8173234	-	-	-	-	-	-
Starting capacitor	-	8173002	-	8173001 8173002	-	-	-	-	-	-
Starting relay	-	8173022	-	8173022	-	-	-	-	-	-
Circuit Breaker	118U5085	118U5100	118U5093	118U5101	118U5086	118U5094	118U5086	118U5094	118U5087	118U5095
Accessories (Not Premounted)										
Acoustic hood	120Z0576	120Z0576	120Z0576	120Z0576	120Z0576	120Z0576	120Z0576	120Z0576	120Z0577	120Z0577

* Fan assembly consists of fan motor, fan blade, fan capacitor

Catalogue
Spare parts & accessories list

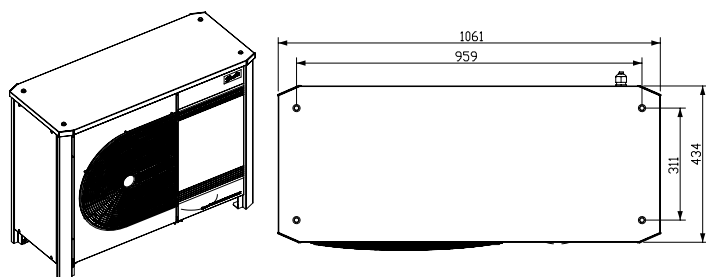
Component type	Component code	Component description	Additional informations
Acoustic hood	120Z0575	ACOUSTIC HOOD COMP 1CYL	
Acoustic hood	120Z0576	ACOUSTIC HOOD COMP 2CYL	
Acoustic hood	120Z0577	ACOUSTIC HOOD 4CYL	
Circuit Breaker	118U5084	KIT CIRCUITBREAKER, SCHNEIDER-A9N4P16C	
Circuit Breaker	118U5085	KIT CIRCUITBREAKER, SCHNEIDER-A9N4P20C	
Circuit Breaker	118U5086	KIT CIRCUITBREAKER, SCHNEIDER-A9N4P25C	
Circuit Breaker	118U5087	KIT CIRCUITBREAKER, SCHNEIDER-A9N4P32C	
Circuit Breaker	118U5088	KIT CIRCUITBREAKER, SCHNEIDER-A9N4P10C	
Circuit Breaker	118U5089	KIT CIRCUITBREAKER, SCHNEIDER-A9N4P40C	
Circuit Breaker	118U5090	KIT CIRCUITBREAKER, SCHNEIDER-A9N3P16C	
Circuit Breaker	118U5091	KIT CIRCUITBREAKER, SCHNEIDER-A9N3P20C	
Circuit Breaker	118U5092	KIT CIRCUITBREAKER, SCHNEIDER-A9N3P25C	
Circuit Breaker	118U5093	KIT CIRCUITBREAKER, SCHNEIDER-A9N3P32C	
Circuit Breaker	118U5094	KIT CIRCUITBREAKER, SCHNEIDER-A9N3P40C	
Circuit Breaker	118U5095	KIT CIRCUITBREAKER, SCHNEIDER-A9N3P50C	
Circuit Breaker	118U5096	KIT CIRCUITBREAKER, SCHNEIDER-A9N3P63C	
Circuit Breaker	118U5097	KIT CIRCUITBREAKER, SCHNEIDER-A9N2P20C	
Circuit Breaker	118U5098	KIT CIRCUITBREAKER, SCHNEIDER-A9N2P32C	
Circuit Breaker	118U5099	KIT CIRCUITBREAKER, SCHNEIDER-A9N2P40C	
Circuit Breaker	118U5100	KIT CIRCUITBREAKER, SCHNEIDER-A9N2P50C	
Circuit Breaker	118U5101	KIT CIRCUITBREAKER, SCHNEIDER-A9N2P63C	
Circuit Breaker	118U5102	KIT CIRCUITBREAKER, SCHNEIDER-A9N2P25C	
Compressor Single Pack	120F0026	NTZ048-3LR1-SINGLE RECIP COMP	
Compressor Single Pack	120F0027	NTZ068-3LR1, RECIP SINGLE	
Compressor Single Pack	120F0029	NTZ108-3LR1-SINGLE RECIP COMP	
Compressor Single Pack	120F0030	NTZ136-3LR1-SINGLE RECIP COMP-LTZ50-3VI	
Compressor Single Pack	120F0038	NTZ215-3LR1-INDUST RECIP COMP - VM	
Compressor Single Pack	120F0039	NTZ271-3LR1-INDUST RECIP COMP	
Compressor Single Pack	120F0072	NTZ048-1LR1-SINGLE	
Compressor Single Pack	120F0073	NTZ068-1LR1-SINGLE	
Compressor Single Pack	120F0075	NTZ108-1LR1-SINGLE	
Compressor Single Pack	120F0076	NTZ136-1LR1-SINGLE	
Compressor Single Pack	120F0169	NTZ068-9LR1-SINGLE	
Compressor Single Pack	120F0171	NTZ136-9LR1-SINGLE	
Compressor Single Pack	120F0174	NTZ048-9LR1-INDUST RECIP COMP	
Compressor Single Pack	120F0176	NTZ108-9LR1-INDUST	
Compressor Single Pack	120F0178	NTZ215-9LR1-INDUST	
Compressor Single Pack	120F0179	NTZ271-9LR1-INDUST	
Compressor Single Pack	MTZ18-1VI	MTZ18-1VI-COMPRESSOR VERSION EGALISATION	
Compressor Single Pack	MTZ18-3VI	MTZ18-3VI-COMP OSG-EQUAL MULTIREF	
Compressor Single Pack	MTZ28-1VI	MTZ28-1VI-COMPRESSOR VERSION EGALISATION	
Compressor Single Pack	MTZ28-3VI	MTZ28-3VI-COMP OSG-EQUAL MULTIREF	
Compressor Single Pack	MTZ28-9VI	MTZ28-9VI-COMPRESSOR VERSION EGALISATION	
Compressor Single Pack	MTZ36-1VI	MTZ36-1VI-COMPRESSOR VERSION EGALISATION	
Compressor Single Pack	MTZ36-3VI	MTZ36-3VI-COMP OSG-EQUAL MULTIREF	
Compressor Single Pack	MTZ36-9VI	MTZ36-9VI-COMP OSG-EQUAL MULTIREF	
Compressor Single Pack	MTZ40-1VI	MTZ 40 JH 1	
Compressor Single Pack	MTZ40-3VI	MTZ40-3VI-COMP OSG-EQUAL MULTIREF	
Compressor Single Pack	MTZ50-1VI	MTZ50-1VI-COMP OSG-EQUAL MULTIREF	
Compressor Single Pack	MTZ50-3VI	MTZ50-3VI-COMP OSG-EQUAL MULTIREF	
Compressor Single Pack	MTZ50-9VI	MTZ50-9VI-COMP OSG-EQUAL MULTIREF	
Compressor Single Pack	MTZ64-1VI	MTZ64-1VI-COMP OSG-EQUAL MULTIREF	
Compressor Single Pack	MTZ64-3VI	MTZ64-3VI-COMP OSG-EQUAL MULTIREF	
Compressor Single Pack	MTZ64-9VI	MTZ64-9VI-COMP OSG-EQUAL MULTIREF	
Compressor Single Pack	MTZ72-3VI	MTZ72-3VI-COMP OSG-EQUAL MULTIREF	
Compressor Single Pack	MTZ72-9VI	MTZ72-9VI-COMP OSG-EQUAL MULTIREF	
Compressor Single Pack	MTZ100-3VI	MTZ100-3VI-COMP OSG-EQUAL MULTIREF	
Compressor Single Pack	MTZ100-9VI	MTZ100-9VI-COMP OSG-EQUAL MULTIREF	

Catalogue

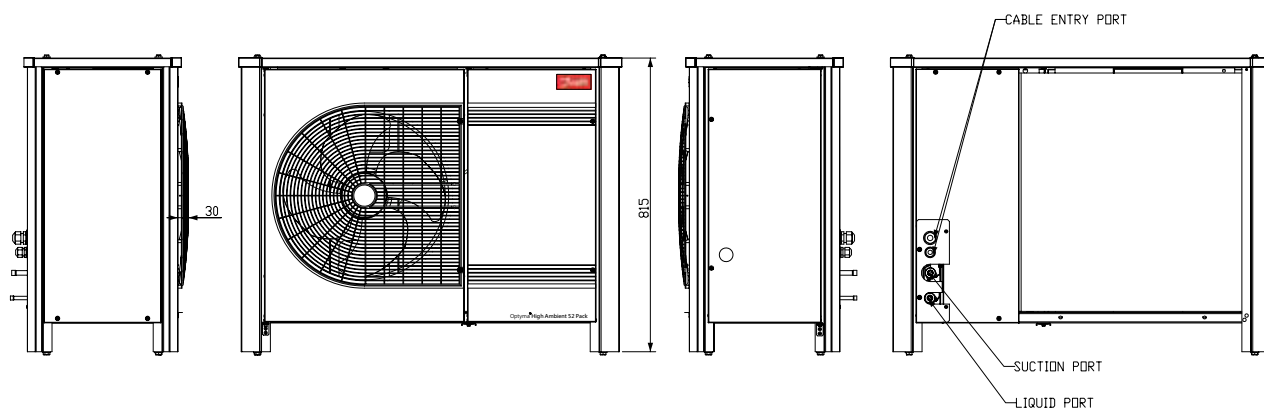
Spare parts & accessories list

Component type	Component code	Component description	Additional informations
Condenser	118U5081	SPARE PART,DANFOSS OP H2 COATED MCHX	
Condenser	118U5082	SPARE PART,DANFOSS OP H3 COATED MCHX	
Condenser	118U5083	SPARE PART,DANFOSS OP H4 COATED MCHX	
Contact kit	118U5106	KIT CONT SCHNEIDER-LC1E0901M6	
Contact kit	118U5107	KIT CONT SCHNEIDER-LC1E1201M6	
Contact kit	118U5108	KIT CONT SCHNEIDER-LC1E1801M6	
Contact kit	118U5109	KIT CONT SCHNEIDER-LC1E2501M6	
Contact kit	118U5110	KIT CONT SCHNEIDER-LC1E3201M6	
Contact kit	118U5111	KIT CONT SCHNEIDER-LC1E3801M6	
Contact kit	118U5112	KIT CONT SCHNEIDER-LC1E5001M6	
Contact kit	118U5113	KIT CONT SCHNEIDER-LC1E6501M6	
Crankcase heater	120Z0460	PTC 35W EICHENAUER industrialpack50	
Discharge gas thermostat	7750009	DISCHARGE THERMOSTAT KIT	
Dual pressure switch	060-533091	KP17WB Pressure switch I/32	
Fan assembly	118U3829	FAN ASSEMBLIES, EBM, ERP2015	
Fan blade	118U3481	FAN BLADE 18" OP PLUS	
Fan capacitor	118U5114	SPARE PART, FAN MOTOR CAPACITOR 5 MFD	
Fan cowl/grill	118U3484	FAN GRILL HOUSING 2 OP PLUS	
Fan cowl/grill	118U3485	FAN GRILL HOUSING 3 OP PLUS	
Fan motor	118U5115	SPARE PART,Motor 130W BO	
Fan speed controller	061H3144	XGE Fan speed controller 2C	
Filter drier	023Z5040	Filter drier DML 083 M/24	
Filter drier	023Z5045	Filter drier DML 165 M/12	
Filter drier	023Z5046	Filter drier DML 166 M/12	
Liquid valve	009G7051	GBC 10s Ball Valve M/25	
Liquid valve	009G7052	GBC 12s Ball Valve M/25	
Liquid valve	009G7054	GBC 18s Ball Valve M/25	
Oil separator	118U3981	SEPARATEUR HUILE SO/ER-31 OPTYMA INVERTE	
Oil separator	118U3982	SEPARATEUR HUILE SO/ER16101 OPTYMA INVER	
Overload relay	118U3875	KIT OL-RELAY, SCHNEIDER-LRE12+LAEB2	
Overload relay	118U3877	KIT OL-RELAY, SCHNEIDER-LRE16+LAEB2	
Overload relay	118U3878	KIT OL-RELAY, SCHNEIDER-LRE21+LAEB2	
Overload relay	118U3879	KIT OL-RELAY, SCHNEIDER-LRE22+LAEB2	
Overload relay	118U3880	KIT OL-RELAY, SCHNEIDER-LRE32+LAEB2	
Overload relay	118U3881	KIT OL-RELAY, SCHNEIDER-LRE35+LAEB2	
Overload relay	118U5103	KIT OL-RELAY SCHNEIDER-LRE10	
Overload relay	118U5104	KIT OL-RELAY SCHNEIDER-LRE357	
Overload relay	118U5105	KIT OL-RELAY SCHNEIDER-LRE359	
Receiver	118U3475	LIQUID RECEIVER 3,4L OP PLUS	
Receiver	118U3476	LIQUID RECEIVER 6,2L OP PLUS	
Receiver	118U3716	LIQUID RECEIVER 10L OP PLUS	
Run capacitor	8173040	CAPACITOR 25µF 450	
Run capacitor	8173041	CAPACITOR 30µF 450V	
Run capacitor	8173042	CAPACITOR 35µF 450V	
Run capacitor	8173232	CAPACITOR 45µF	
Run capacitor	8173233	CAPACITOR 50 µF	
Run capacitor	8173234	CAPACITOR 55 µF	
Sight glass	014L0172	SGP 10 N Sight Glass M/24x3	
Sight glass	014L0173	SGP 12 N Sight Glass M/24x3	
Sight glass	014L0175	SGP 19 N Sight Glass M/36	
Starting capacitor	8173001	CAPACITOR 100µF 330V+R	
Starting capacitor	8173002	CAPACITATOR 135µF 330V+R	
Starting relay	8173022	STARTING RELAY TYPE RVA6AMKL	
Suction valve	009G7052	GBC 12s Ball Valve M/25	
Suction valve	009G7053	GBC 16s Ball Valve M/25	
Suction valve	009G7055	GBC 22s Ball Valve M/25	
Suction valve	009G7056	GBC 28s Ball Valve M/5	

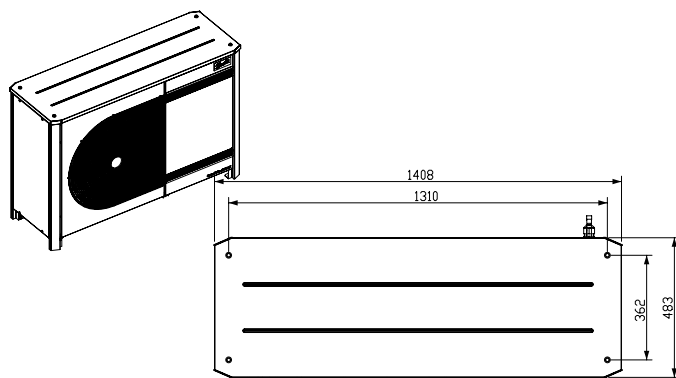
Chassis H2



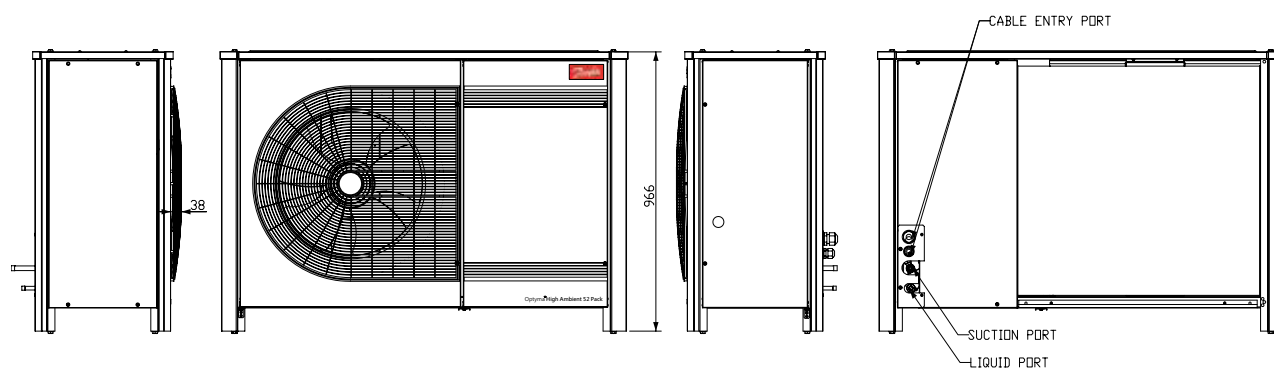
APP	UNIT	DESCRIPTION	CHASSIS	POWER SUPPLY	COMP
LBP	114X7140	OP-LPHE048NTW07Q	H2	230V/3/~60Hz	NTZ048
LBP	114X7150	OP-LPHE048NTW07N	H2	230V/1N/~60Hz	NTZ048
LBP	114X7153	OP-LPHE048NTW07V	H2	380V/3N/~60Hz	NTZ048
LBP	114X7120	OP-LPHE068NTW07V	H2	380V/3N/~60Hz	NTZ068
LBP	114X7141	OP-LPHE068NTW07Q	H2	230V/3/~60Hz	NTZ068
LBP	114X7151	OP-LPHE068NTW07N	H2	230V/1N/~60Hz	NTZ068
MBP	114X7146	OP-MPZE030MTW07N	H2	230V/1N/~60Hz	MTZ018
MBP	114X7156	OP-MPZE030MTW07Q	H2	230V/3/~60Hz	MTZ018
MBP	114X7117	OP-MPZE048MTW07V	H2	380V/3N/~60Hz	MTZ028
MBP	114X7123	OP-MPZE048MTW07N	H2	230V/1N/~60Hz	MTZ028
MBP	114X7157	OP-MPZE048MTW07Q	H2	230V/3/~60Hz	MTZ028



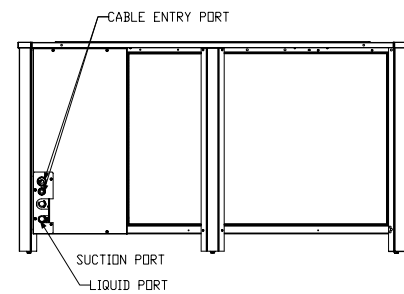
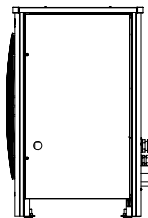
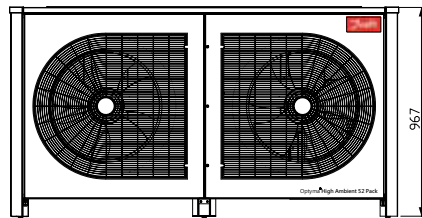
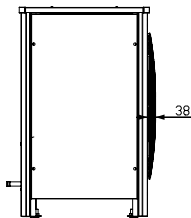
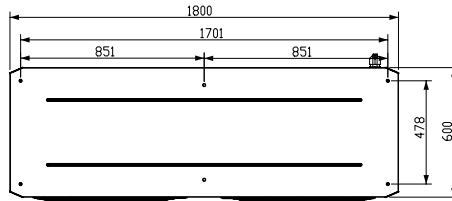
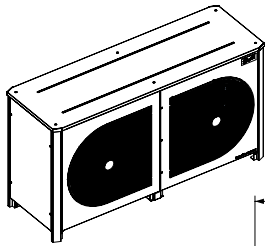
Chassis H3



APP	UNIT	DESCRIPTION	CHASSIS	POWER SUPPLY	COMP
LBP	114X7142	OP-LPHE108NTW07Q	H3	230V/3/~60Hz	NTZ108
LBP	114X7154	OP-LPHE108NTW07V	H3	380V/3N/~60Hz	NTZ108
LBP	114X7152	OP-LPHE108NTW07N	H3	230V/1N/~60Hz	NTZ108
LBP	114X7121	OP-LPHE136NTW07V	H3	380V/3N/~60Hz	NTZ136
LBP	114X7143	OP-LPHE136NTW07Q	H3	230V/3/~60Hz	NTZ136
MBP	114X7126	OP-MPZE060MTW07V	H3	380V/3N/~60Hz	MTZ036
MBP	114X7158	OP-MPZE060MTW07Q	H3	230V/3/~60Hz	MTZ036
MBP	114X7147	OP-MPZE060MTW07N	H3	230V/1N/~60Hz	MTZ036
MBP	114X7148	OP-MPZE068MTW07N	H3	230V/1N/~60Hz	MTZ040
MBP	114X7159	OP-MPZE068MTW07Q	H3	230V/3/~60Hz	MTZ040
MBP	114X7118	OP-MPZE086MTW07V	H3	380V/3N/~60Hz	MTZ050
MBP	114X7149	OP-MPZE086MTW07N	H3	230V/1N/~60Hz	MTZ050
MBP	114X7160	OP-MPZE086MTW07Q	H3	230V/3/~60Hz	MTZ050

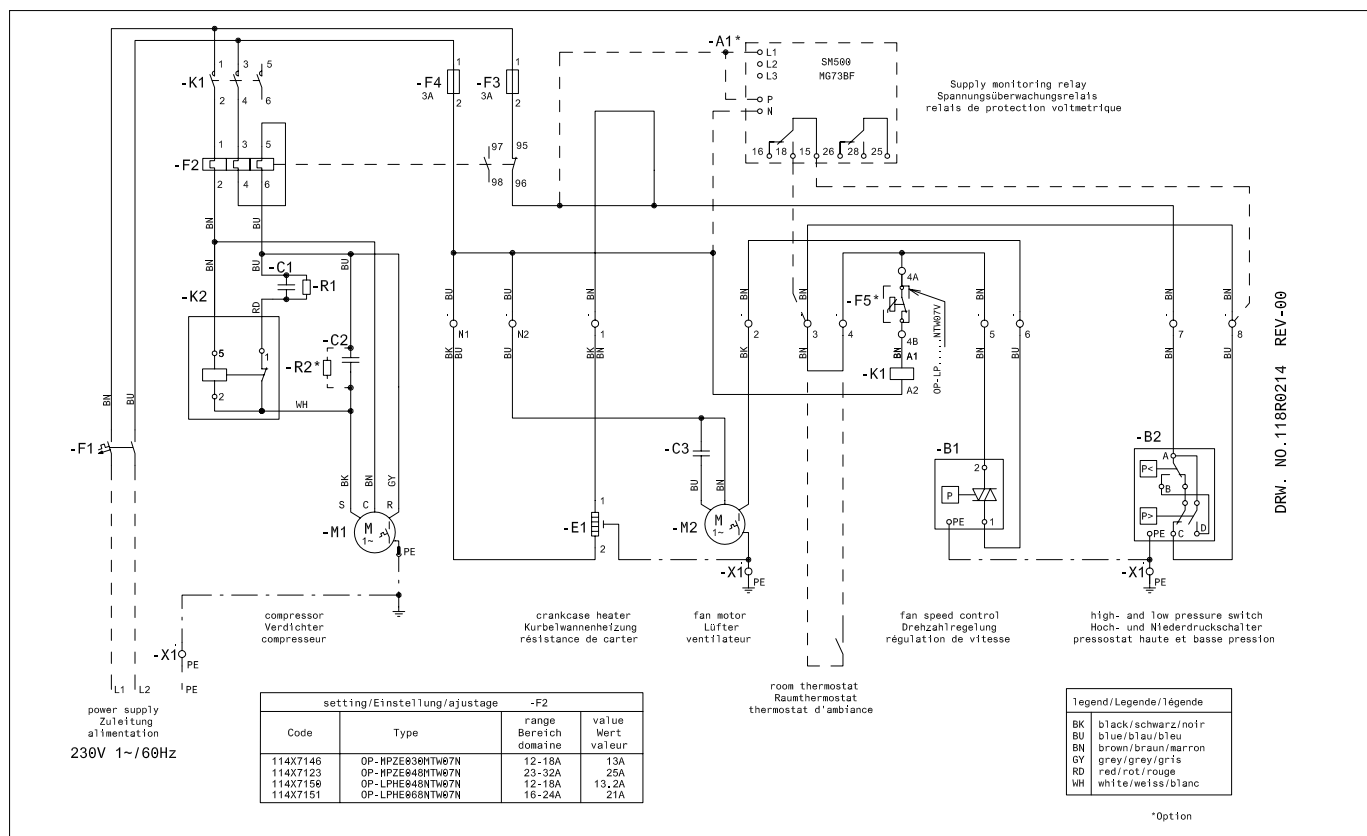


Chassis H4

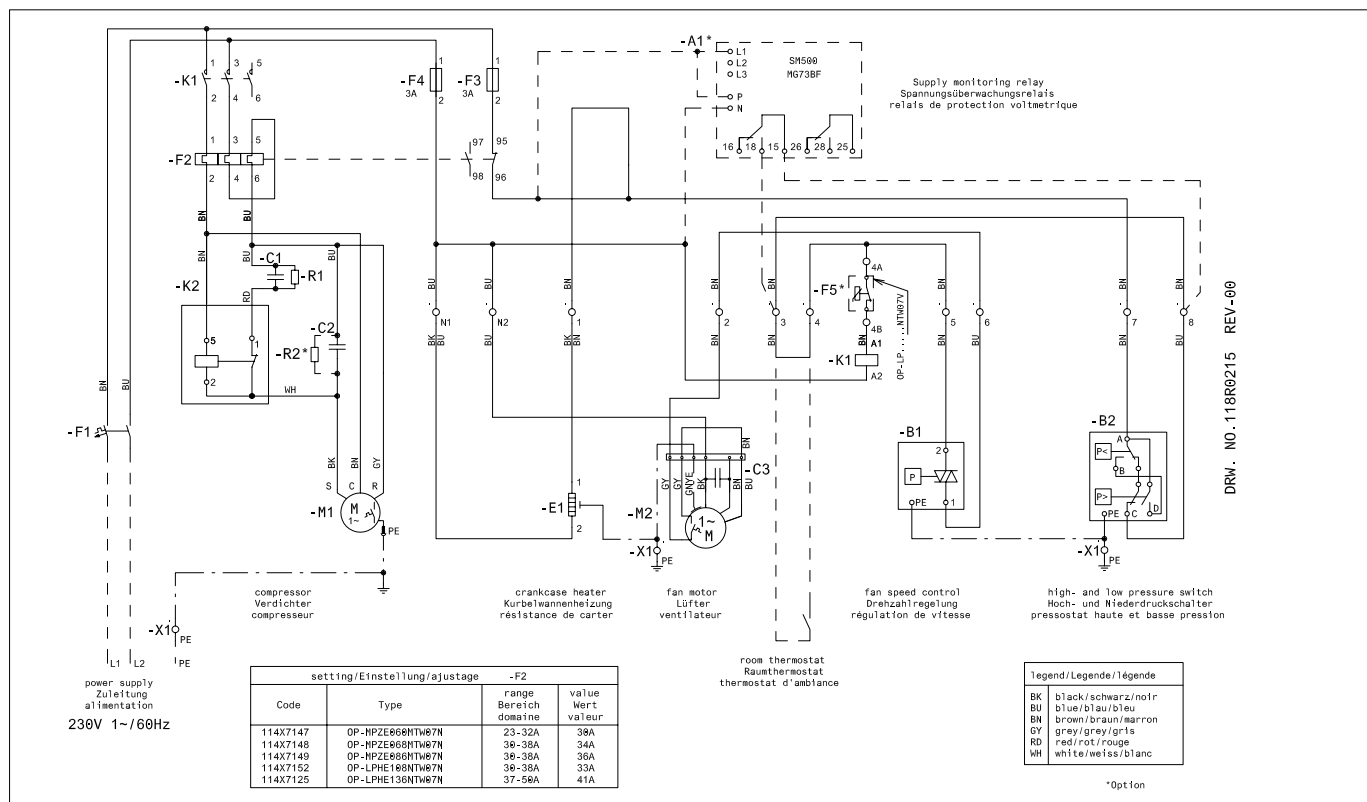


APP	UNIT	DESCRIPTION	CHASSIS	POWER SUPPLY	COMP
LBP	114X7144	OP-LPHE215NTW07Q	H4	230V/3/~60Hz	NTZ215
LBP	114X7155	OP-LPHE215NTW07V	H4	380V/3N/~60Hz	NTZ215
LBP	114X7122	OP-LPHE271NTW07V	H4	380V/3N/~60Hz	NTZ271
LBP	114X7145	OP-LPHE271NTW07Q	H4	230V/3/~60Hz	NTZ271
MBP	114X7124	OP-MPZE108MTW07N	H4	230V/1N/~60Hz	MTZ064
MBP	114X7127	OP-MPZE108MTW07V	H4	380V/3N/~60Hz	MTZ064
MBP	114X7137	OP-MPZE108MTW07Q	H4	230V/3/~60Hz	MTZ064
MBP	114X7128	OP-MPZE0121MTW07V	H4	380V/3N/~60Hz	MTZ072
MBP	114X7138	OP-MPZE121MTW07Q	H4	230V/3/~60Hz	MTZ072
MBP	114X7119	OP-MPZE171MTW07V	H4	380V/3N/~60Hz	MTZ100
MBP	114X7139	OP-MPZE171MTW07Q	H4	230V/3/~60Hz	MTZ100

Code N: OP-MPZE030 - 048, OP-LPHE048 - 068



Code N: OP-MPZE060 - 068 - 086, OP-LPHE108 - 136



Legend

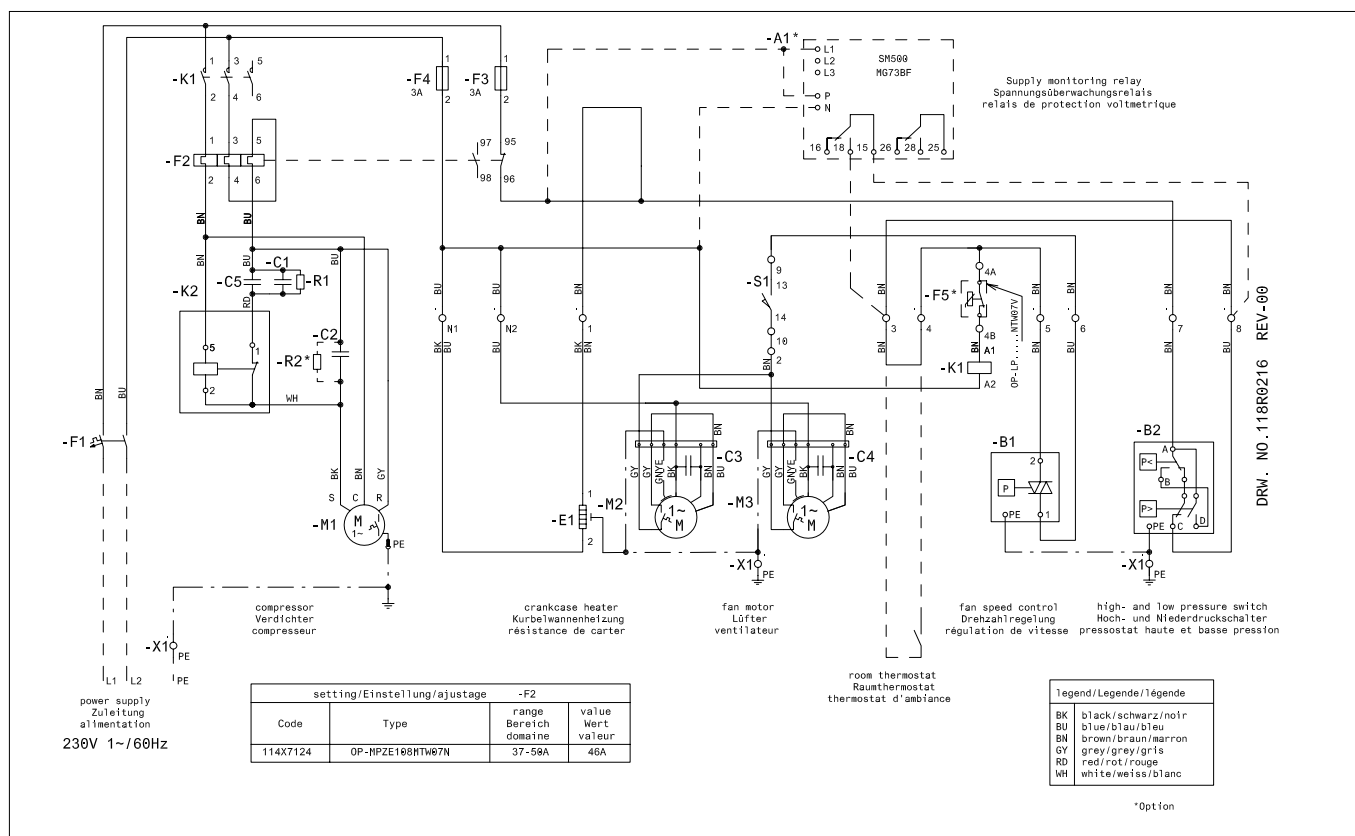
BK black
BU blue
BN brown
GY grey
RD red
WH white

A1 Power Supply Monitoring Relay
B1 Fan Speed Controller
B2 Dual Pressure Switch
C1 Start Capacitor-Compressor
C2 Run Capacitor-Compressor
C3,C4 Run Capacitor-Fan

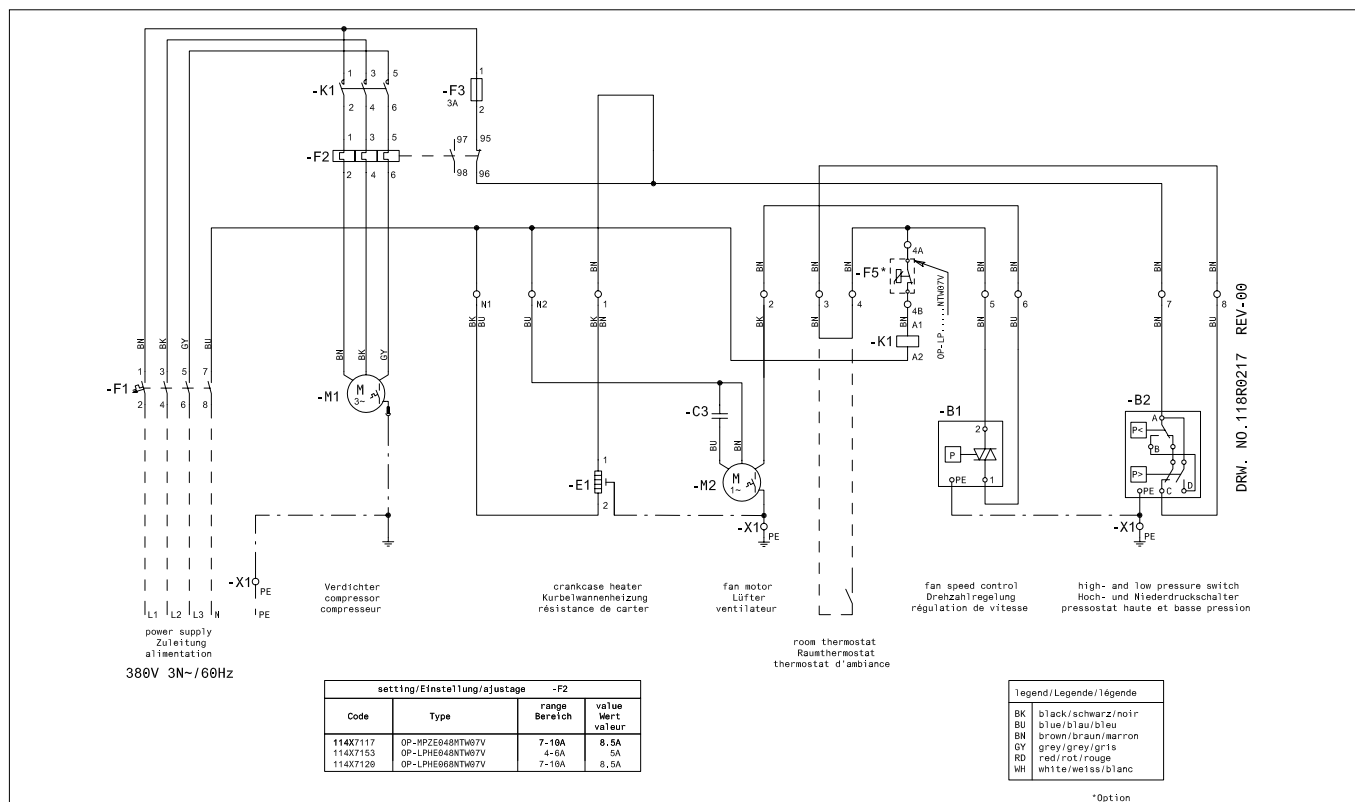
E1 Crankspace Heater
F1 Main Switch
F2 Overload Relay
F3,F4 Fuse Control Circuit
F5 Discharge Thermostat (LBP only)
M1 Compressor

M2,M3 Fan Motor
K1 Compressor contactor
K2 Start Relay
R1,R2 Bleeder Resistor
S1 Door Limit Switch

Code N: OP-MPZE108

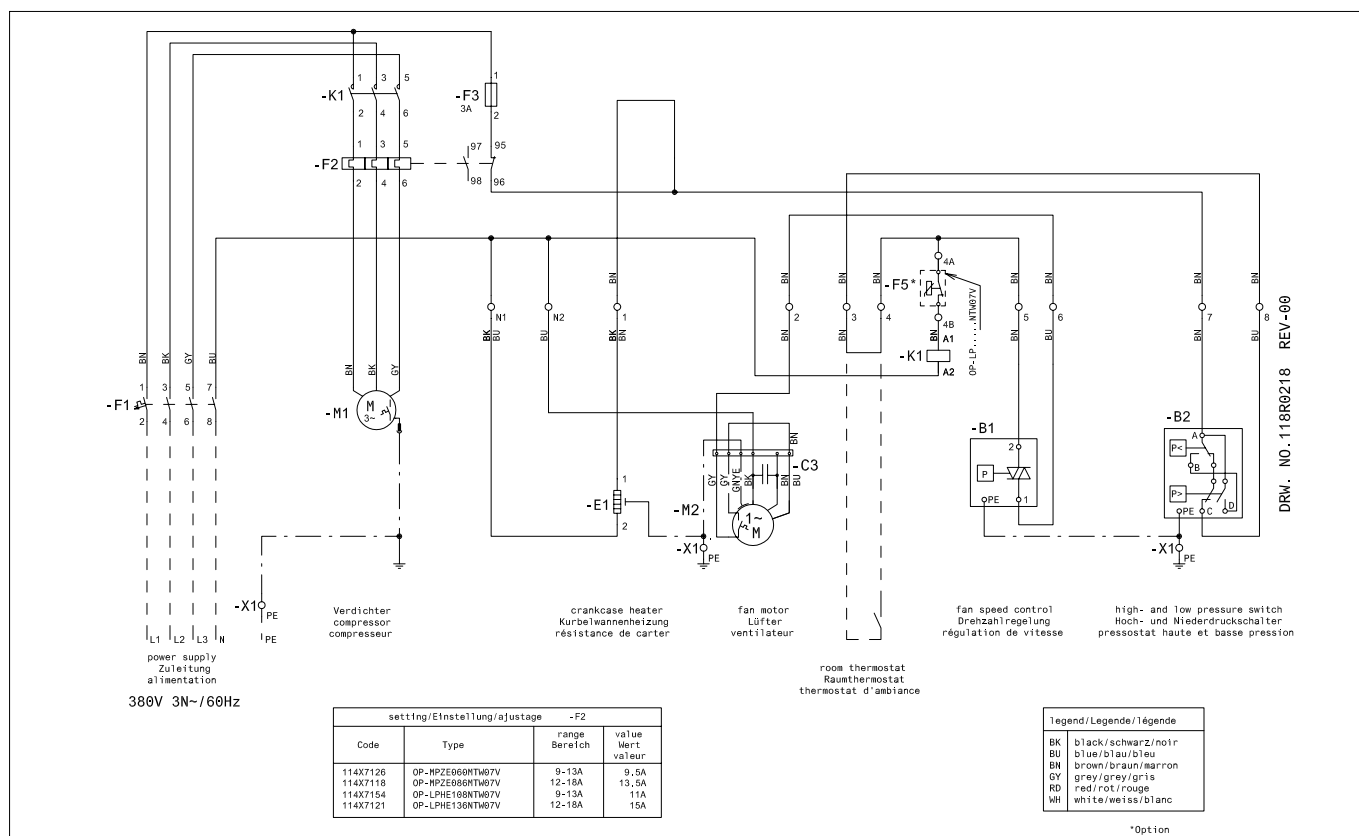


Code V: OP-MPZE048, OP-LPHE048 - 068

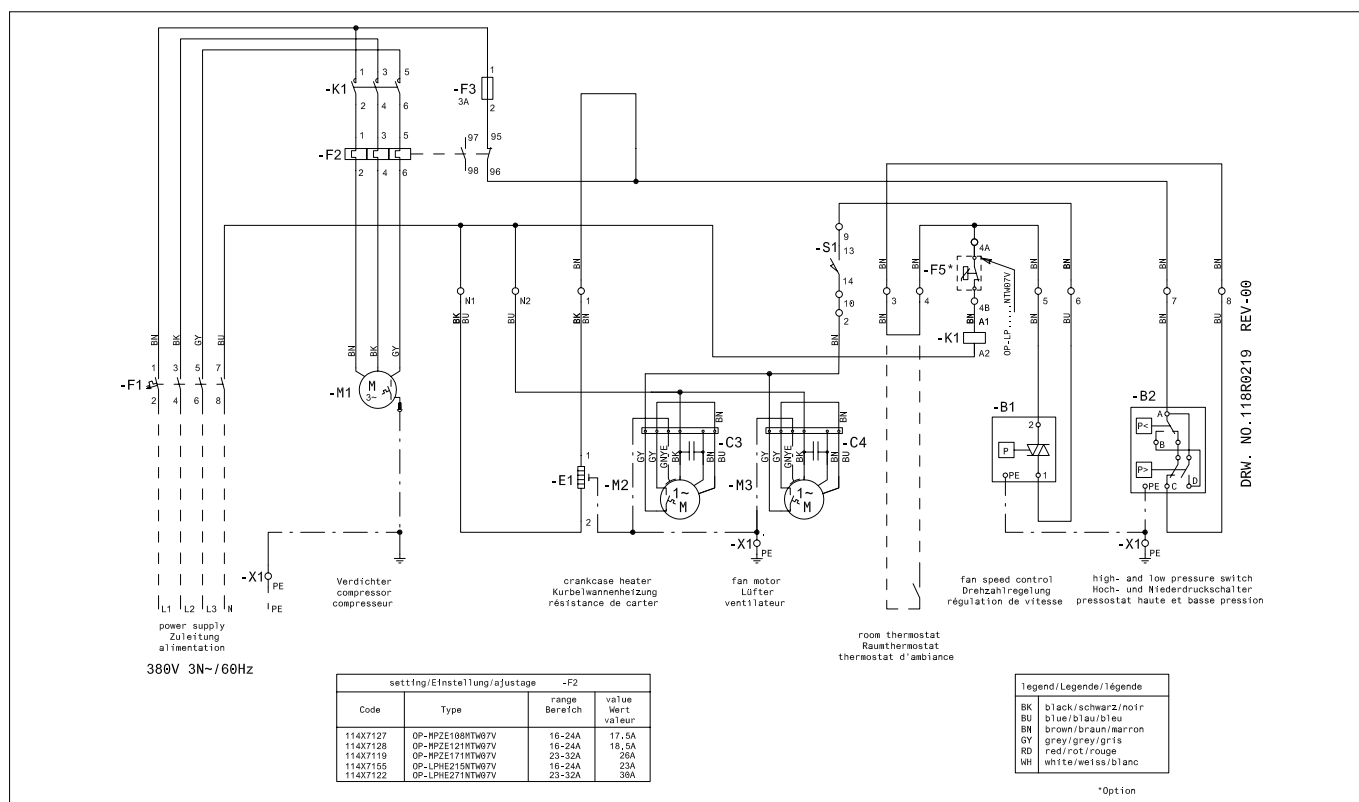


- | | | | |
|---------------|----------------------------------|------------------------------------|-------------------------|
| Legend | A1 Power Supply Monitoring Relay | E1 Crankcase Heater | M2,M3 Fan Motor |
| BK black | B1 Fan Speed Controller | F1 Main Switch | M1 Compressor contactor |
| BU blue | B2 Dual Pressure Switch | F2 Overload Relay | K2 Start Relay |
| BN brown | C1 Start Capacitor-Compressor | F3,F4 Fuse Control Circuit | R1,R2 Bleeder Resistor |
| GY grey | C2 Run Capacitor-Compressor | F5 Discharge Thermostat (LBP only) | S1 Door Limit Switch |
| RD red | C3,C4 Run capacitor-Fan | | |
| WH white | | | |

Code V: OP-MPZE060 - 086, OP-LPHE108 - 136



Code V: OP-MPZE108 - 121 - 171, OP-LPHE215 - 271



Legend

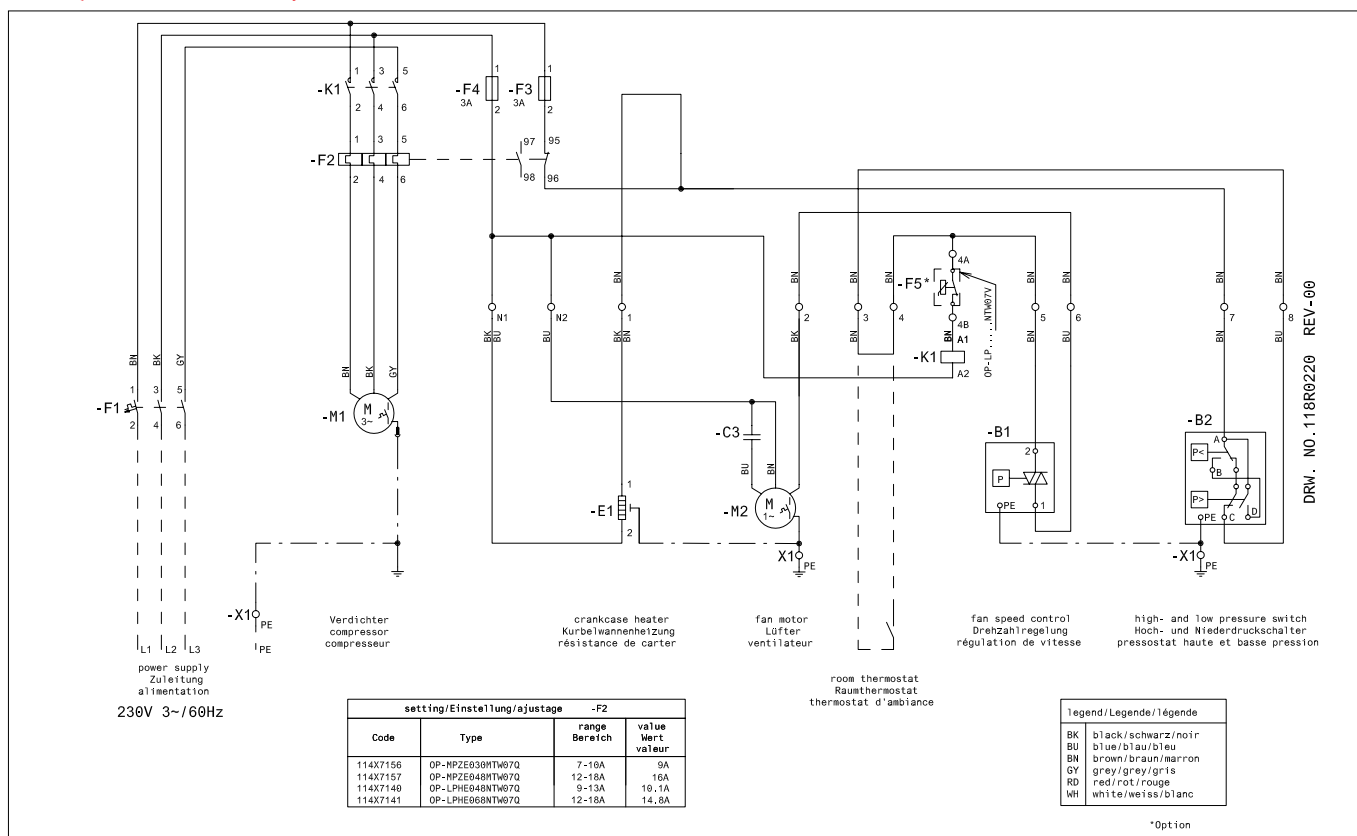
BK black
BU blue
BN brown
GY grey
RD red
WH white

A1 Power Supply Monitoring Relay
B1 Fan Speed Controller
B2 Dual Pressure Switch
C1 Start Capacitor- Compressor
C2 Run Capacitor-Compressor
C3,C4 Run capacitor-Fan

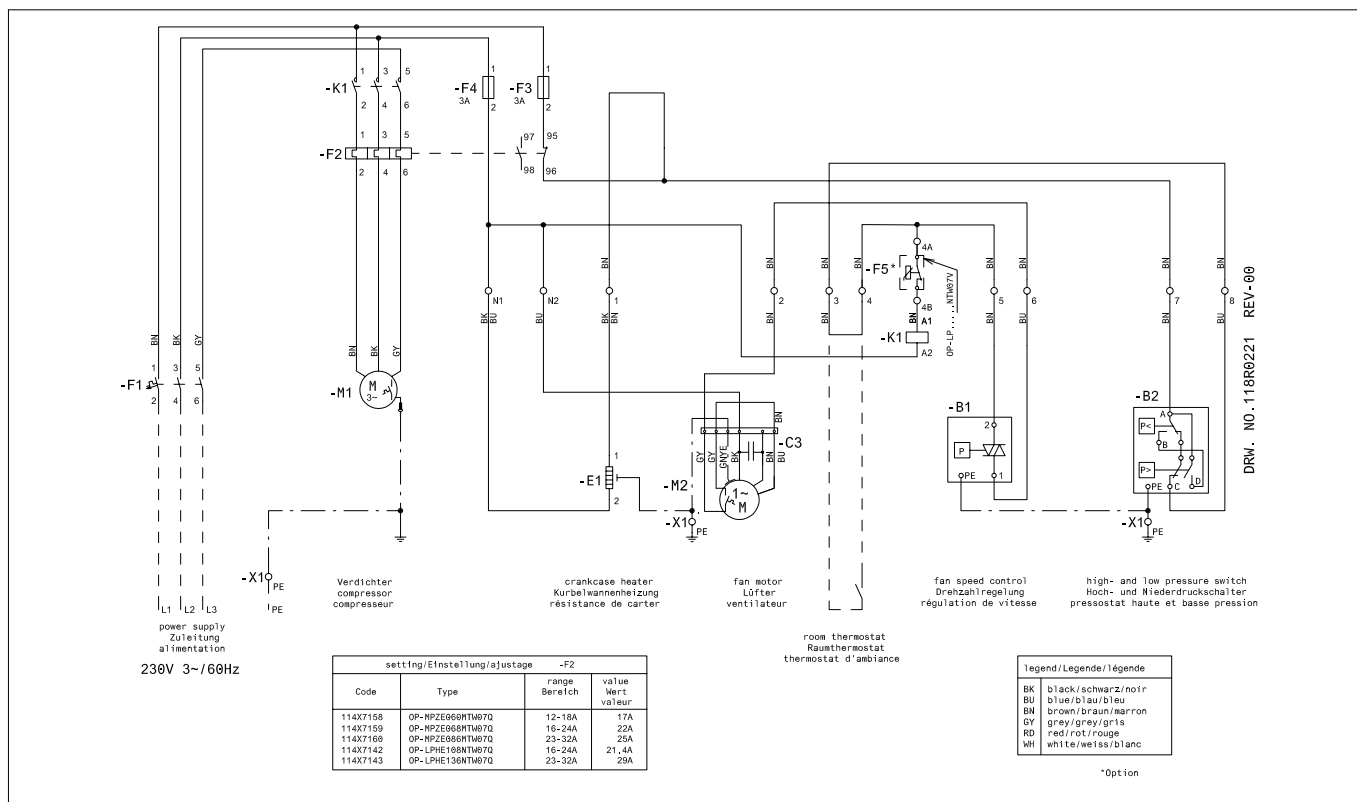
E1 Crankcase Heater
F1 Main Switch
F2 Overload Relay
F3,F4 Fuse Control Circuit
F5 Discharge Thermostat (LBP only)
M1 Compressor

M2,M3 Fan Motor
K1 Compressor contactor
K2 Start Relay
R1,R2 Bleeder Resistor
S1 Door Limit Switch

Code Q: OP-MPZE030 - 048, OP-LPHE048 - 068

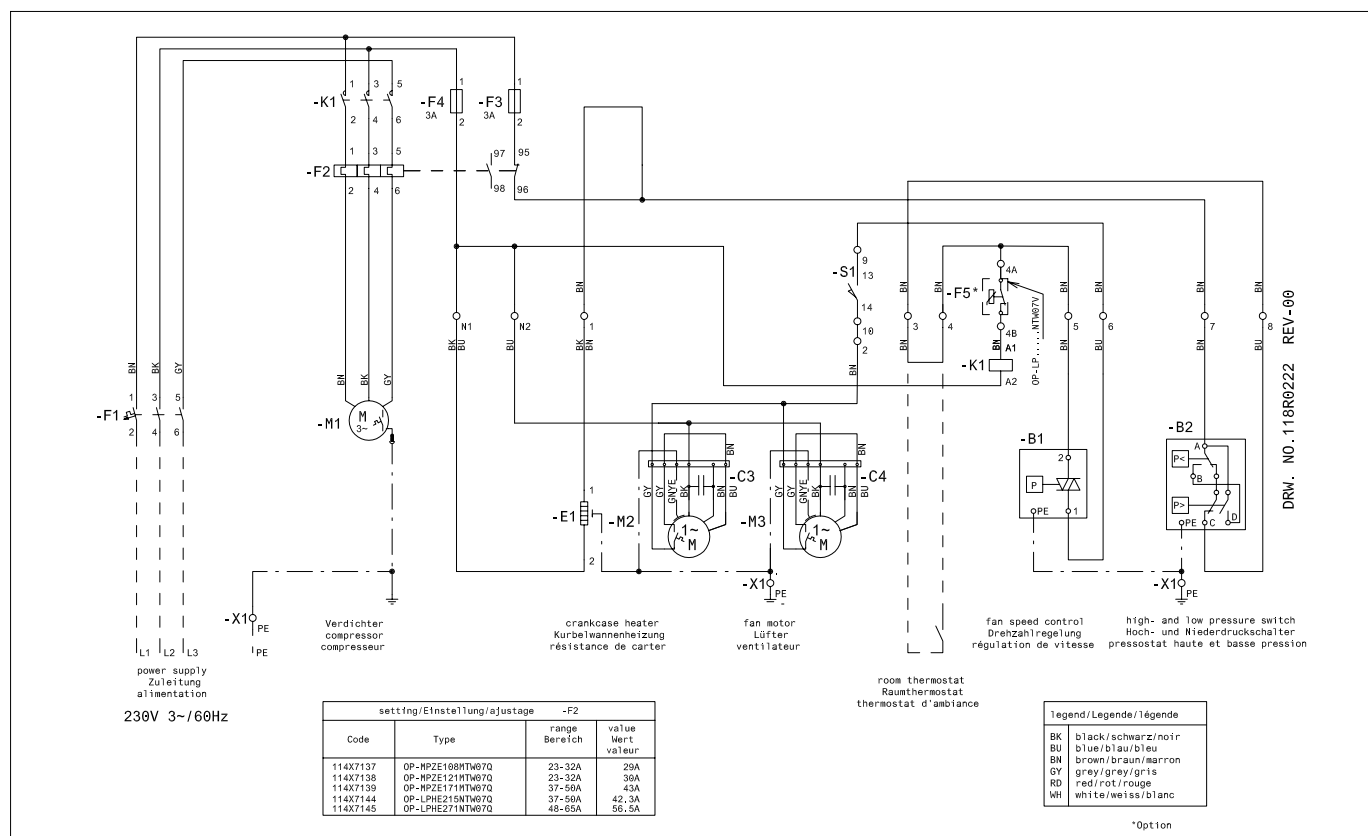


Code Q: OP-MPZE060 - 068 - 086, OP-LPHE108 - 136



- | | | | |
|-----------------|---|---|--------------------------------|
| Legend | A1 Power Supply Monitoring Relay | E1 Crankcase Heater | M2,M3 Fan Motor |
| BK black | B1 Fan Speed Controller | F1 Main Switch | M1 Compressor contactor |
| BU blue | B2 Dual Pressure Switch | F2 Overload Relay | K1 Start Relay |
| BN brown | C1 Start Capacitor-Compressor | F3,F4 Fuse Control Circuit | R1,R2 Bleeder Resistor |
| GY grey | C2 Run Capacitor-Compressor | F5 Discharge Thermostat (LBP only) | S1 Door Limit Switch |
| RD red | C3,C4 Run capacitor-Fan | | |
| WH white | | | |

Code Q: OP-MPZE108 - 121 - 171, OP-LPHE215 - 271



Legend

BK black
BU blue
BN brown
GY grey
RD red
WH white

A1 Power Supply Monitoring Relay
B1 Fan Speed Controller
B2 Dual Pressure Switch
C1 Start Capacitor- Compressor
C2 Run Capacitor-Compressor
C3,C4 Run capacitor-Fan

E1 Crankcase Heater
F1 Main Switch
F2 Overload Relay
F3,F4 Fuse Control Circuit
F5 Discharge Thermostat (LBP only)
M1 Compressor

M2,M3 Fan Motor
K1 Compressor contactor
K2 Start Relay
R1,R2 Bleeder Resistor
S1 Door Limit Switch

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 hermetic compressors which has brought us amongst the global leaders in our business, and positioned us as distinct variable speed technology specialists. Today we operate from engineering and manufacturing facilities spread across three continents.



Danfoss Scrolls



Danfoss Inverter Scrolls



Danfoss Light Commercial Refrigeration Compressors



Danfoss Maneurop Reciprocating Compressors



Danfoss Turbocor Compressors



Danfoss 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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