

ENGINEERING
TOMORROW

Danfoss

Catalogue

Optyma™ Slim Pack

Cost Effective & Quiet Solution

R452A, R134A, R448A, R449A, R407A, R407F, R404A/R507 - 50 Hz



<http://cc.danfoss.com>

OPTYMA™
DANFOSS CONDENSING UNITS

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Quiet Solution

The Optyma™ **Slim Pack** can be located even in residential areas. Smart compressor design. These unit presents low acoustic levels improving comfort and reducing surrounding impact.


Well-known Danfoss quality and standards

We provide the units with highly reliable scroll and reciprocating compressors, micro channel heat exchangers and all needed components which are pre-assembled, integrated and factory tested.


Tailored for outdoor use

Danfoss Optyma™ **Slim Pack** is designed for Outdoor & Indoor conditions using corrosion resistant microchannel heat exchangers and housing. The galvanized, painted and salt spray tested housing is used to ensure long lifetime.

MBP and LBP applications:

- Mini-markets/supermarkets
- Restaurants
- Wine cellars
- Fish markets
- Butchers' shops
- Bakeries
- Laboratories
- Florists
- Petrol stations
- Industrial processes
- Milk cooling
- Dairy and general food storage
- Cold rooms
- Freezers


Environmental friendly

Optyma™ **Slim Pack** Condensing units meet Ecodesign 2016 targets and Energy related Product (ErP) directive applicable for fan motors. In addition, Optyma™ **Slim Pack** Condensing units are qualified with Low GWP refrigerants reducing environmental impact.


Compact and light for easy handling and transportation

System designed to perfectly fit into a compact and light housing. The Optyma™ **Slim Pack** weighs up to 87 kg, which makes it the lightest solution in the market.


Easy installation and cleaning

With quick connections of suction & liquid lines & service ports outside Optyma™ **Slim Pack** is among the fastest & easiest to install. Easy-to-clean MCHE saves your time & efforts, ensuring longer lifetime & optimized efficiency.


Increase business opportunity with extended range of condensing units

Danfoss Optyma™ **Slim Pack** extends your possibilities with models for low and medium temperatures.



For more information related to EcoDesign compliance, please refer to Coolselector® coolselector.danfoss.com or contact Danfoss



Main product features

Outdoor application



- Wall & Floor mounting
- Weatherproof housing IP54
- Robust and resistant to corrosion
- Compact design

Micro channel heat exchanger



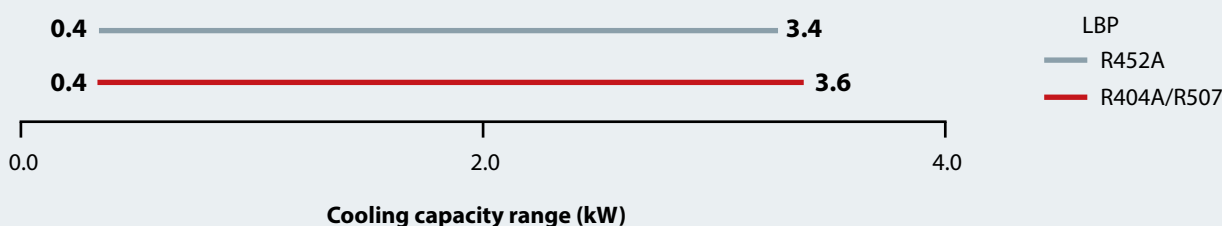
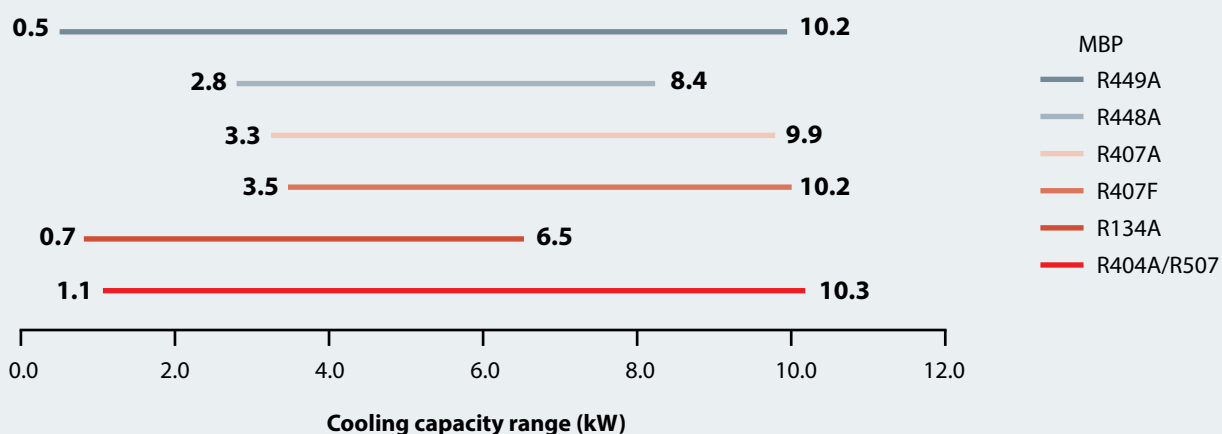
- Easy & fast cleaning
- Less refrigerant charge
- Longer life time

Service ports outside



- Fast and easy installation
- Quick connections of suction & liquid lines
- Shut off valves on receiver and service valves on service ports for easier & quick servicing

Capacity & Operating range



MBP Rated conditions, Saturated suction temperature -10°C. Ambient air temperature +32°C. Superheat 10K. SubCooling 0K
 LBP Rated conditions, Saturated suction temperature -35°C. Ambient air temperature +32°C. Superheat 10K. SubCooling 0K

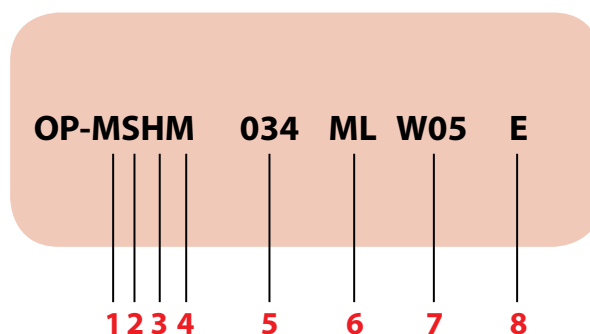
Condensing Unit Limits
 Ambient Temp [°C] Up to 43°C

T Evaporation [°C]	Min	Max
LBP R404A	-40	-10
LBP R452A	-40	-10
MBP R134A	-15	15
MBP R404A	-20	10
MBP R449A	-25	8
MBP R448A	-25	8
MBP R407F	-20	10
MBP R407A	-20	10

Limits depends on the selected unit

Designation system for the Optyma™ Slim Pack range

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



1 Application	M = MBP L = LBP
2 Family	S = Optyma™ Slim Pack
3 Refrigerant	Q= R452A/R404A/507 ; G=R134A ; H = R404A/R507 Z= R404A/507/R134A/R407A/R407F/R452A/R448A/R449A X = R404A/507/R134A/R407A/R407F/R448A/R449A Y = R404A/507/R449A
4 Condenser	Micro Channel Heat Exchanger
5 Displacement	Displacement in cm ³
6 Compressor platform	AJ = CAJ, TAJ (Reciprocating) MP = MPT (Reciprocating) FH = FH, TFH (Reciprocating) MY = MLY (Reciprocating) NF = NF (Reciprocating) MX = MX (Reciprocating) NT = NTZ (Reciprocating) ML = MLZ (Scroll) SC = SC (Reciprocating) LL = LLZ (Scroll)
7 Version	W05 Standard Optyma™ Slim Pack
8 Voltage code	G = 230V-1ph Comp & Fan E = 400V-3ph Comp & 230V-1ph Fan

Performance with SH=10K & SC=0K

Code number	Model number	Electrical code	Tamb [°C]	Cooling capacity Q [kW]							P [kW]		EcoDesign (3)				Sound power level dB(A)	Sound pressure level 10 m dB(A)	
				Te [°C]									COP (2)	Q [kW]	P [kW]	COP _A			SEPR
				-40°C	-35°C	-30°C	-25°C	-20°C	-15°C	-10°C									
114X7081	OP-LSHM015SCW05G	G	27	0.34	0.46	0.59	0.76	0.95	1.17	1.42									
			32	0.30	0.40	0.53	0.68	0.86	1.07	1.30	0.61	1.13	0.454	0.49	0.93		63	32	
			38	0.24	0.34	0.46	0.60	0.76	0.95	1.16									
			43	0.20	0.29	0.40	0.52	0.67	0.84	1.04									
114X7106	OP-LSQM014MPW05G	G	27		0.49	0.64	0.80	0.98	1.17	1.38									
			32		0.44	0.58	0.73	0.89	1.07	1.26	0.57	1.26	0.500	0.49	1.03		60	29	
			38		0.38	0.50	0.63	0.78	0.95	1.13									
			43		0.34	0.44	0.56	0.69	0.84	1.01									
114X7107	OP-LSQM018MPW05G	G	27		0.54	0.71	0.90	1.12	1.35	1.59									
			32		0.48	0.64	0.82	1.01	1.23	1.46	0.62	1.33	0.540	0.50	1.07		60	29	
			38		0.41	0.55	0.71	0.89	1.09	1.31									
			43		0.36	0.48	0.63	0.79	0.97	1.17									
114X7082	OP-LSHM018SCW05G	G	27	0.41	0.55	0.72	0.91	1.14	1.40	1.70									
			32	0.36	0.49	0.64	0.82	1.04	1.28	1.56	0.72	1.15	0.550	0.57	0.96		63	32	
			38	0.30	0.41	0.55	0.72	0.91	1.13	1.39									
			43	0.24	0.35	0.48	0.63	0.80	1.01	1.24									
114X7085	OP-LSQM026AJW05G	G	27	0.53	0.73	0.98	1.27	1.61	1.99	2.43									
			32	0.45	0.64	0.87	1.14	1.45	1.81	2.22	0.91	1.26	0.723	0.72	1.01		67	36	
			38	0.37	0.54	0.75	0.99	1.27	1.59	1.96									
			43		0.46	0.64	0.86	1.11	1.40	1.74									
114X7086	OP-LSQM034AJW05G	G	27	0.69	0.93	1.23	1.59	2.00	2.48	3.02									
			32	0.60	0.83	1.10	1.43	1.81	2.25	2.75	1.21	1.18	0.929	0.95	0.98		68	37	
			38	0.50	0.70	0.95	1.24	1.58	1.98	2.43									
			43		0.60	0.82	1.08	1.39	1.75	2.16									
114X7087	OP-LSQM048NTW05G	G	27	0.78	1.13	1.57	2.08	2.68	3.35	4.10									
			32	0.65	0.98	1.38	1.85	2.40	3.02	3.71	1.44	1.28	1.104	1.10	1.01		71	40	
			38	0.50	0.80	1.15	1.58	2.06	2.61	3.23									
			43	0.38	0.65	0.97	1.35	1.78											
114X7088	OP-LSQM048NTW05E	E	27	0.78	1.14	1.57	2.07	2.64	3.29	4.01									
			32	0.67	1.00	1.39	1.85	2.37	2.96	3.61	1.43	1.29	1.126	1.00	1.13		71	40	
			38	0.54	0.83	1.18	1.58	2.04	2.57	3.15									
			43		0.69	1.00	1.36	1.77											

LBP

(1) G - Compressor 230V/1~/50Hz, fan 230V/1~/50Hz

E - Compressor 400V/3~/50Hz, fan 230V/1~/50Hz

(2) Nominal conditions, Saturated suction temperature -25°C. Ambient air temperature +32°C. Superheat 10K.

(3) Rated conditions, Saturated suction temperature -35°C. Ambient air temperature +32°C. Return Gas Temperature 20°C

SEPR, Seasonal Energy Performance Ratio

Q [kW], Cooling Capacity

P [kW], Power Input

This table continues in the next page


 For more information related to EcoDesign compliance, please refer to Coolselector®
coolselector.danfoss.com or contact Danfoss


Performance with SH=10K & SC=0K

Code number	Model number	Electrical code	T _{amb} [°C]	Cooling capacity Q [kW]							P [kW]		EcoDesign (3)				Sound power level dB(A)	Sound pressure level 10 m dB(A)
				T _e [°C]								COP (2)	Q [kW]	P [kW]	COP _A	SEPR		
				-40°C	-35°C	-30°C	-25°C	-20°C	-15°C	-10°C	-25°C							
114X7096	OP-LSQM074FHW05E	E	27	1.18	1.67	2.25	2.93	3.69	4.54	5.47								
			32	0.99	1.43	1.97	2.59	3.29	4.07	4.93	2.09	1.24	1.620	1.51	1.07		75	44
			38	0.78	1.17	1.65	2.20	2.83	3.53	4.30								
			43	0.62	0.97	1.39	1.89	2.45	3.09	3.79								
114X7095	OP-LSQM074FHW05G	G	27	1.18	1.66	2.23	2.89	3.63	4.46	5.36								
			32	0.98	1.44	1.97	2.58	3.27	4.03	4.88	2.25	1.15	1.627	1.66	0.98		75	44
			38	0.76	1.17	1.65	2.21	2.83	3.53	4.29								
			43	0.57	0.95	1.40	1.90	2.47	3.10	3.80								
114X7089	OP-LSQM068NTW05G	G	27	1.33	1.79	2.35	2.99	3.73	4.55	5.44								
			32	1.19	1.61	2.11	2.69	3.36	4.10	4.91	2.18	1.23	1.826	1.73	1.06		71	40
			38	1.02	1.39	1.83	2.34	2.92	3.56	4.27								
			43	0.87	1.20	1.59	2.04	2.55										
114X7090	OP-LSQM068NTW05E	E	27	1.36	1.86	2.44	3.11	3.85	4.67	5.56								
			32	1.17	1.63	2.16	2.77	3.45	4.20	5.02	2.13	1.30	1.845	1.61	1.14		71	40
			38	0.97	1.37	1.85	2.39	2.99	3.66	4.39								
			43	0.81	1.18	1.60	2.08	2.62										
114X7091	OP-LSQM067LLW05E	E	27	2.21	2.82	3.55	4.39	5.36	6.48	7.73								
			32	2.02	2.60	3.28	4.06	4.97	6.00	7.16	2.87	1.41	2.942	2.48	1.19	1.65	71	40
			38	1.79	2.32	2.93	3.65	4.46	5.39	6.45								
			43	1.59	2.07	2.63	3.28	4.02	4.87	5.83								
114X7092	OP-LSQM084LLW05E	E	27	2.65	3.37	4.24	5.26	6.44	7.80	9.32								
			32	2.44	3.11	3.91	4.85	5.94	7.18	8.58	3.43	1.41	3.528	2.91	1.21	1.68	73	42
			38	2.17	2.78	3.49	4.33	5.30	6.41	7.67								
			43	1.93	2.48	3.13	3.88	4.75	5.75	6.88								
114X7075	OP-LSQM098LLW05E	E	27	3.09	3.92	4.91	6.08	7.42	8.94	10.65								
			32	2.84	3.61	4.52	5.59	6.82	8.22	9.79	3.91	1.43	4.103	3.30	1.24	1.72	74	43
			38	2.52	3.22	4.03	4.99	6.08	7.32	8.72								
			43	2.24	2.87	3.61	4.46	5.44	6.55	7.80								

LBP

(1) G - Compressor 230V/1~/50Hz, fan 230V/1~/50Hz

E - Compressor 400V/3~/50Hz, fan 230V/1~/50Hz

(2) Nominal conditions, Saturated suction temperature -25°C. Ambient air temperature +32°C. Superheat 10K.

(3) Rated conditions, Saturated suction temperature -35°C. Ambient air temperature +32°C. Return Gas Temperature 20°C

SEPR, Seasonal Energy Performance Ratio

Q [kW], Cooling Capacity

P [kW], Power Input


 For more information related to EcoDesign compliance, please refer to Coolselector®
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Performance with SH=10K & SC=0K

Code number	Model number	Electrical code	Tamb [°C]	Cooling capacity Q [kW]					P [kW]		EcoDesign (3)				Sound power level dB(A)	Sound pressure level 10 m dB(A)		
				Te [°C]						COP (2)	Q [kW]	P [kW]	COP _A	SEPR				
				-40°C	-35°C	-30°C	-25°C	-20°C	-15°C	-10°C	-25°C							
114X7106	OP-LSQM014MPW05G	G	27		0.45	0.58	0.72	0.88	1.04	1.22								
			32		0.41	0.53	0.66	0.80	0.95	1.12	0.53	1.24	0.451	0.44	1.02		60	32
			38		0.35	0.46	0.57	0.70	0.84	0.99								
			43		0.31	0.40	0.51	0.62	0.75	0.89								
114X7107	OP-LSQM018MPW05G	G	27		0.48	0.64	0.82	1.02	1.24	1.48								
			32		0.43	0.58	0.74	0.93	1.13	1.35	0.57	1.31	0.476	0.46	1.03		60	32
			38		0.37	0.50	0.65	0.82	1.00	1.21								
			43		0.32	0.44	0.57	0.72	0.89	1.08								
114X7085	OP-LSQM026AJW05G	G	27	0.43	0.61	0.84	1.12	1.45	1.84	2.29								
			32	0.37	0.54	0.75	1.01	1.32	1.68	2.11	0.86	1.18	0.598	0.67	0.89		67	36
			38		0.46	0.65	0.88	1.16	1.49	1.88								
			43		0.39	0.56	0.78	1.03	1.34	1.69								
114X7086	OP-LSQM034AJW05G	G	27	0.55	0.78	1.06	1.40	1.81	2.29	2.85								
			32	0.49	0.70	0.95	1.27	1.65	2.10	2.62	1.14	1.12	0.770	0.90	0.86		68	37
			38		0.59	0.83	1.11	1.46	1.87	2.35								
			43		0.51	0.72	0.98	1.30	1.68	2.12								
114X7087	OP-LSQM048NTW05G	G	27	0.76	1.11	1.54	2.06	2.66	3.36	4.14								
			32	0.64	0.96	1.36	1.83	2.38	3.02	3.74	1.25	1.46	1.064	0.92	1.16		71	40
			38	0.51	0.80	1.15	1.57	2.06	2.64	3.29								
			43	0.41	0.67	0.98	1.36	1.81	2.33	2.93								
114X7088	OP-LSQM048NTW05E	E	27	0.81	1.16	1.59	2.10	2.69	3.36	4.11								
			32	0.68	1.00	1.40	1.86	2.41	3.03	3.72	1.25	1.49	1.110	0.92	1.21		71	40
			38	0.54	0.83	1.18	1.60	2.08	2.64	3.28								
			43	0.42	0.69	1.00	1.38	1.82	2.33	2.91								
114X7095	OP-LSQM074FHW05G	G	27	0.96	1.41	1.95	2.59	3.34	4.20	5.17								
			32	0.81	1.23	1.73	2.33	3.03	3.84	4.76	2.11	1.11	1.36	1.56	0.88		75	44
			38		1.01	1.47	2.02	2.66	3.41	4.25								
			43		0.83	1.25	1.76	2.35	3.04	3.82								

LBP

(1) G - Compressor 230V/1~/50Hz, fan 230V/1~/50Hz

E - Compressor 400V/3~/50Hz, fan 230V/1~/50Hz

(2) Nominal conditions, Saturated suction temperature -25°C. Ambient air temperature +32°C. Superheat 10K.

(3) Rated conditions, Saturated suction temperature -35°C. Ambient air temperature +32°C. Return Gas Temperature 20°C

SEPR, Seasonal Energy Performance Ratio

Q [kW], Cooling Capacity

P [kW], Power Input

This table continues in the next page


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Performance with SH=10K & SC=0K

Code number	Model number	Electrical code	Tamb [°C]	Cooling capacity Q [kW]						P [kW]		EcoDesign (3)				Sound power level dB(A)	Sound pressure level 10 m dB(A)	
				Te [°C]							COP (2)	Q [kW]	P [kW]	COP _A	SEPR			
				-40°C	-35°C	-30°C	-25°C	-20°C	-15°C									-10°C
114X7096	OP-LSQM074FHW05E	E	27	0.96	1.42	1.97	2.63	3.41	4.29	5.29								
			32	0.81	1.22	1.73	2.34	3.06	3.88	4.81	1.96	1.19	1.357	1.42	0.96		75	44
			38		1.01	1.46	2.01	2.66	3.41	4.26								
			43		0.84	1.25	1.74	2.34	3.02	3.81								
114X7090	OP-LSQM068NTW05E	E	27	1.32	1.82	2.42	3.11	3.88	4.73	5.64								
			32	1.15	1.62	2.16	2.80	3.50	4.28	5.11	1.83	1.53	1.796	1.37	1.31		71	40
			38	0.95	1.37	1.85	2.42	3.04	3.73	4.47								
			43	0.79	1.16	1.60	2.10	2.66	3.27	3.92								
114X7089	OP-LSQM068NTW05G	G	27	1.39	1.88	2.46	3.13	3.89	4.73	5.66								
			32	1.18	1.64	2.17	2.79	3.49	4.28	5.14	2.11	1.33	1.820	1.65	1.11		71	40
			38	0.94	1.35	1.84	2.40	3.03	3.74	4.52								
			43	0.75	1.13	1.57	2.08	2.65	3.30	4.02								
114X7091	OP-LSQM067LLW05E	E	27	1.95	2.53	3.23	4.08	5.08	6.25	7.59								
			32	1.82	2.35	2.99	3.78	4.71	5.80	7.06	2.63	1.44	2.607	2.16	1.21	1.67	71	40
			38	1.66	2.13	2.71	3.42	4.26	5.25	6.40								
			43	1.54	1.96	2.48	3.11	3.87	4.78	5.84								
114X7092	OP-LSQM084LLW05E	E	27	2.45	3.12	3.91	4.85	5.95	7.21	8.65								
			32	2.27	2.89	3.63	4.50	5.52	6.70	8.05	3.25	1.39	3.214	2.68	1.20	1.66	73	42
			38	2.04	2.60	3.26	4.06	4.98	6.06	7.30								
			43	1.84	2.35	2.95	3.67	4.51	5.50	6.64								
114X7075	OP-LSQM098LLW05E	E	27	2.87	3.65	4.58	5.66	6.92	8.36	9.99								
			32	2.65	3.38	4.24	5.25	6.42	7.76	9.28	3.81	1.38	3.770	3.12	1.21	1.68	74	43
			38	2.37	3.03	3.81	4.72	5.78	7.00	8.39								
			43	2.14	2.73	3.43	4.26	5.22	6.34	7.61								

LBP

(1) G - Compressor 230V/1~/50Hz, fan 230V/1~/50Hz

E - Compressor 400V/3~/50Hz, fan 230V/1~/50Hz

(2) Nominal conditions, Saturated suction temperature -25°C. Ambient air temperature +32°C. Superheat 10K.

(3) Rated conditions, Saturated suction temperature -35°C. Ambient air temperature +32°C. Return Gas Temperature 20°C

SEPR, Seasonal Energy Performance Ratio

Q [kW], Cooling Capacity

P [kW], Power Input


 For more information related to EcoDesign compliance, please refer to Coolselector®
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Performance with SH=10K & SC=0K

Code number	Model number	Electrical code	Tamb [°C]	Cooling capacity Q [kW]							P [kW]		EcoDesign (3)				Sound power level dB(A)	Sound pressure level 10 m dB(A)
				Te [°C]								COP (2)	Q [kW]	P [kW]	COP _A	SEPR		
				-15°C	-10°C	-5°C	0°C	5°C	10°C	15°C	-10°C							
114X7099	OP-MSGM012SCW05G	G	27	0.57	0.72	0.89	1.10	1.34	1.60	1.91								
			32	0.52	0.66	0.83	1.03	1.26	1.52	1.81	0.38	1.76	0.678	0.38	1.79		62	31
			38	0.46	0.60	0.76	0.94	1.16	1.41	1.69								
			43	0.41	0.54	0.69	0.87	1.08	1.32	1.59								
114X7100	OP-MSGM015SCW05G	G	27	0.60	0.77	0.98	1.22	1.50	1.82	2.19								
			32	0.57	0.74	0.93	1.16	1.43	1.73	2.07	0.44	1.67	0.755	0.44	1.71		63	32
			38	0.53	0.69	0.87	1.08	1.33	1.61	1.92								
			43	0.49	0.64	0.81	1.01	1.24	1.50	1.79								
114X7101	OP-MSGM018SCW05G	G	27	0.81	1.00	1.22	1.48	1.77	2.10	2.46								
			32	0.72	0.90	1.12	1.37	1.65	1.97	2.33	0.54	1.66	0.924	0.54	1.70		63	32
			38	0.63	0.81	1.02	1.26	1.53	1.84	2.19								
			43	0.58	0.75	0.95	1.17	1.44	1.74	2.08								
114X7102	OP-MSGM021SCW05G	G	27	0.93	1.17	1.44	1.75	2.08	2.46	2.86								
			32	0.85	1.08	1.34	1.64	1.97	2.33	2.73	0.58	1.85	1.108	0.59	1.89		63	32
			38	0.77	0.99	1.23	1.52	1.83	2.18	2.57								
			43	0.70	0.91	1.14	1.41	1.71	2.05	2.43								
114X7103	OP-MSGM026AJW05G	G	27	1.09	1.42	1.80	2.25	2.77	3.36	4.02								
			32	1.00	1.30	1.67	2.09	2.58	3.13	3.75	0.73	1.80	1.334	0.73	1.84		62	31
			38	0.88	1.17	1.50	1.90	2.34	2.86	3.43								
			43	0.78	1.05	1.37	1.73	2.15	2.63	3.17								
114X7104	OP-MSGM033AJW05G	G	27	1.42	1.83	2.29	2.83	3.43	4.11	4.86								
			32	1.31	1.69	2.13	2.64	3.21	3.85	4.56	0.84	2.02	1.730	0.84	2.07		67	36
			38	1.18	1.53	1.94	2.41	2.94	3.53	4.19								
			43	1.06	1.39	1.77	2.21	2.71	3.26	3.88								
114X7062	OP-MSXM034MLW05E	E	27	1.82	2.29	2.84	3.48	4.21	5.03	5.94								
			32	1.72	2.17	2.69	3.30	4.00	4.79	5.67	0.98	2.22	2.223	0.98	2.27		69	38
			38	1.60	2.02	2.51	3.09	3.74	4.49	5.33								
			43	1.50	1.89	2.36	2.90	3.52	4.23	5.03								
114X7061	OP-MSXM034MLW05G	G	27	1.83	2.33	2.89	3.53	4.24	5.03	5.91								
			32	1.72	2.20	2.74	3.35	4.04	4.81	5.67	1.03	2.14	2.251	1.03	2.19		69	38
			38	1.59	2.03	2.55	3.13	3.79	4.53	5.36								
			43	1.48	1.90	2.38	2.93	3.56	4.28	5.08								
114X7064	OP-MSXM046MLW05E	E	27	2.47	3.08	3.80	4.63	5.58	6.64	7.81								
			32	2.33	2.91	3.60	4.39	5.30	6.31	7.43	1.29	2.25	2.986	1.30	2.30		69	38
			38	2.16	2.70	3.34	4.09	4.94	5.90	6.95								
			43	2.01	2.52	3.13	3.83	4.64	5.54	6.54								

MBP

(1) G - Compressor 230V/1~/50Hz, fan 230V/1~/50Hz

E - Compressor 400V/3~/50Hz, fan 230V/1~/50Hz

(2) Nominal conditions, Saturated suction temperature -10°C. Ambient air temperature +32°C. Superheat 10K.

(3) Rated conditions, Saturated suction temperature -10°C. Ambient air temperature +32°C. Return Gas Temperature 20°C

SEPR, Seasonal Energy Performance Ratio

Q [kW], Cooling Capacity

P [kW], Power Input

This table continues in the next page


 For more information related to EcoDesign compliance, please refer to Coolselector®
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Catalogue

Performance data R134A MBP

Performance with SH=10K & SC=OK

Code number	Model number	Electrical code	Tamb [°C]	Cooling capacity Q [kW]							P [kW]		EcoDesign (3)				Sound power level dB(A)	Sound pressure level 10 m dB(A)
				Te [°C]								COP (2)	Q [kW]	P [kW]	COP _A	SEPR		
				-15°C	-10°C	-5°C	0°C	5°C	10°C	15°C	-10°C							
114X7063	OP-MSXM046MLW05G	G	27	2.45	3.10	3.83	4.66	5.59	6.62	7.76								
			32	2.31	2.92	3.62	4.42	5.31	6.31	7.41	1.46	2.00	2.996	1.46	2.05		69	38
			38	2.13	2.70	3.35	4.10	4.96	5.91	6.97								
			43	2.00	2.51	3.12	3.83	4.64	5.55	6.57								
114X7066	OP-MSXM057MLW05E	E	27	2.97	3.73	4.60	5.59	6.71	7.95	9.31								
			32	2.80	3.52	4.35	5.29	6.36	7.54	8.84	1.60	2.20	3.614	1.61	2.25		69	38
			38	2.58	3.26	4.03	4.92	5.92	7.03	8.25								
			43	2.40	3.04	3.77	4.60	5.54	6.59	7.75								
114X7065	OP-MSXM057MLW05G	G	27	2.97	3.74	4.62	5.61	6.71	7.92	9.26								
			32	2.79	3.52	4.35	5.30	6.35	7.52	8.81	1.92	1.83	3.618	1.93	1.88		69	38
			38	2.59	3.25	4.02	4.90	5.90	7.01	8.24								
			43	2.43	3.03	3.74	4.56	5.50	6.56	7.73								
114X7068	OP-MSXM068MLW05E	E	27	3.69	4.63	5.74	7.02	8.47	10.10	11.92								
			32	3.48	4.38	5.44	6.66	8.05	9.61	11.36	1.89	2.31	4.493	1.90	2.37		70	39
			38	3.24	4.08	5.07	6.21	7.52	9.01	10.66								
			43	3.04	3.82	4.75	5.83	7.07	8.48	10.05								
114X7067	OP-MSXM068MLW05G	G	27	3.79	4.66	5.75	7.03	8.47	10.03	11.69								
			32	3.64	4.43	5.45	6.67	8.06	9.58	11.21	2.18	2.03	4.540	2.18	2.08		70	39
			38	3.48	4.15	5.07	6.21	7.53	9.00	10.59								
			43	3.36	3.92	4.75	5.82	7.07	8.49	10.03								
114X7070	OP-MSXM080MLW05E	E	27	4.28	5.39	6.67	8.13	9.78	11.63	13.67								
			32	4.03	5.09	6.31	7.70	9.28	11.05	13.00	2.30	2.21	5.220	2.30	2.26	3.43	70	39
			38	3.72	4.71	5.86	7.18	8.66	10.33	12.17								
			43	3.45	4.40	5.48	6.72	8.13	9.71	11.46								
114X7069	OP-MSXM080MLW05G	G	27	4.25	5.47	6.79	8.23	9.82	11.58	13.52								
			32	3.95	5.14	6.41	7.80	9.33	11.03	12.89	2.43	2.11	5.271	2.44	2.16	3.03	70	39
			38	3.57	4.70	5.93	7.25	8.72	10.33	12.11								
			43	3.23	4.33	5.50	6.78	8.18	9.72	11.43								
114X7071	OP-MSXM099MLW05E	E	27	5.26	6.57	8.12	9.89	11.87	14.03	16.35								
			32	4.95	6.19	7.66	9.35	11.24	13.31	15.54	2.68	2.31	6.358	2.69	2.36	3.67	70	39
			38	4.58	5.72	7.09	8.67	10.45	12.40	14.51								
			43	4.27	5.32	6.60	8.09	9.76	11.61	13.61								
114X7072	OP-MSXM108MLW05E	E	27	5.56	6.93	8.55	10.38	12.42	14.65	17.06								
			32	5.22	6.52	8.06	9.81	11.75	13.89	16.19	2.91	2.24	6.707	2.91	2.30	3.58	70	39
			38	4.81	6.02	7.45	9.09	10.92	12.93	15.11								
			43	4.47	5.60	6.94	8.48	10.21	12.11	14.17								

MBP

(1) G - Compressor 230V/1~/50Hz, fan 230V/1~/50Hz

E - Compressor 400V/3~/50Hz, fan 230V/1~/50Hz

(2) Nominal conditions, Saturated suction temperature -10°C. Ambient air temperature +32°C. Superheat 10K.

(3) Rated conditions, Saturated suction temperature -10°C. Ambient air temperature +32°C. Return Gas Temperature 20°C

SEPR, Seasonal Energy Performance Ratio

Q [kW], Cooling Capacity

P [kW], Power Input



For more information related to EcoDesign compliance, please refer to Coolselector®
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Performance with SH=10K & SC=0K

Code number	Model number	Electrical code	Tamb [°C]	Cooling capacity Q [kW]							P [kW]		EcoDesign (3)				Sound power level dB(A)	Sound pressure level 10 m dB(A)
				Te [°C]								COP (2)	Q [kW]	P [kW]	COP _A	SEPR		
				-20°C	-15°C	-10°C	-5°C	0°C	5°C	10°C	-10°C							
114X7108	OP-MSYM009MYW05G	G	27		0.81	1.01	1.22	1.44	1.68									
			32		0.74	0.91	1.11	1.32	1.55		0.48	1.9	0.960	0.48	1.99		63	32
			38		0.64	0.80	0.98	1.17	1.38									
			43		0.57	0.71	0.87	1.05	1.24									
114X7077	OP-MSHM010SCW05G	G	27	0.66	0.83	1.03	1.26	1.53	1.83									
			32	0.60	0.76	0.94	1.15	1.40	1.67		0.54	1.73	0.984	0.54	1.81		62	31
			38	0.53	0.67	0.83	1.02	1.24	1.49									
			43	0.59	0.74	0.91	1.11											
114X7078	OP-MSHM012SCW05G	G	27	0.80	1.00	1.23	1.50	1.80	2.14									
			32	0.73	0.91	1.12	1.37	1.65	1.97		0.64	1.75	1.173	0.64	1.83		62	31
			38	0.64	0.80	0.99	1.21	1.46	1.75									
			43		0.71	0.88	1.08	1.31										
114X7109	OP-MSYM012MPW05G	G	27		1.12	1.37	1.63	1.91	2.21									
			32		1.01	1.24	1.49	1.75	2.03		0.65	1.92	1.300	0.65	2.01		65	34
			38		0.88	1.09	1.31	1.56	1.82									
			43		0.78	0.96	1.17	1.39	1.64									
114X7110	OP-MSYM014MPW05G	G	27		1.13	1.40	1.69	2.00	2.34									
			32		1.03	1.28	1.55	1.84	2.16		0.79	1.61	1.340	0.80	1.69		60	29
			38		0.91	1.13	1.38	1.65	1.95									
			43		0.81	1.01	1.24	1.49	1.78									
114X7079	OP-MSHM015SCW05G	G	27	0.97	1.21	1.47	1.78	2.14	2.53									
			32	0.88	1.10	1.35	1.64	1.97	2.33		0.82	1.65	1.415	0.82	1.73		63	32
			38	0.77	0.97	1.19	1.46	1.76	2.09									
			43		0.86	1.06	1.30	1.58										
114X7080	OP-MSHM018SCW05G	G	27	1.12	1.38	1.69	2.04	2.43	2.88									
			32	1.02	1.26	1.54	1.87	2.24	2.65		0.90	1.72	1.623	0.90	1.81		63	32
			38	0.89	1.11	1.37	1.66	2.00	2.37									
			43		0.98	1.22	1.48	1.79										
114X7111*	OP-MSYM018AJW05G	G	27	1.18	1.47	1.81	2.20	2.65	3.14	3.69								
			32	1.07	1.35	1.66	2.02	2.42	2.88	3.38	0.90	1.85	1.740	0.90	1.93		64	39
			38			1.48	1.80	2.16	2.56	3.00								
			43			1.32	1.61	1.93	2.29	2.68								
114X7097	OP-MSYM024AJW05G	G	27		1.82	2.29	2.82	3.42	4.08									
			32		1.64	2.07	2.56	3.11	3.72		1.04	1.98	2.168	1.05	2.07		64	33
			38		1.42	1.80	2.24	2.74	3.29									
			43		1.23	1.59	1.98	2.43	2.93									
114X7093	OP-MSYM026AJW05E	E	27	1.60	2.03	2.52	3.08	3.70	4.39	5.14								
			32	1.42	1.82	2.28	2.80	3.38	4.02	4.72	1.23	1.86	2.398	1.23	1.95		67	36
			38	1.20	1.58	2.00	2.47	2.99	3.56	4.20								
			43		1.37	1.75	2.18	2.66	3.18	3.76								
114X7083	OP-MSYM026AJW05G	G	27	1.63	2.04	2.52	3.06	3.67	4.36	5.10								
			32	1.46	1.84	2.29	2.79	3.35	3.98	4.68	1.17	1.95	2.399	1.17	2.05		67	36
			38	1.26	1.61	2.01	2.46	2.97	3.53	4.16								
			43		1.41	1.78	2.18	2.64	3.16	3.73								
114X7094	OP-MSYM034AJW05E	E	27	2.02	2.53	3.10	3.75	4.46	5.24	6.09								
			32	1.81	2.29	2.82	3.42	4.08	4.80	5.58	1.57	1.80	2.970	1.57	1.89		68	37
			38	1.56	2.00	2.48	3.02	3.62	4.26	4.97								
			43		1.75	2.20	2.69	3.23	3.82	4.46								

*Preliminary data

MBP
(1) G - Compressor 230V/1~/50Hz, fan 230V/1~/50Hz

E - Compressor 400V/3~/50Hz, fan 230V/1~/50Hz

(2) Nominal conditions, Saturated suction temperature -10°C. Ambient air temperature +32°C. Superheat 10K.

(3) Rated conditions, Saturated suction temperature -10°C. Ambient air temperature +32°C. Return Gas Temperature 20°C

SEPR, Seasonal Energy Performance Ratio

Q [kW], Cooling Capacity

P [kW], Power Input

This table continues in the next page


 For more information related to EcoDesign compliance, please refer to Coolselector®
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Catalogue

Performance data R404A/R507 MBP

Performance with SH=10K & SC=OK

Code number	Model number	Electrical code	Tamb [°C]	Cooling capacity Q [kW]							P [kW]		EcoDesign (3)				Sound power level dB(A)	Sound pressure level 10 m dB(A)
				Te [°C]								COP (2)	Q [kW]	P [kW]	COP _A	SEPR		
				-20°C	-15°C	-10°C	-5°C	0°C	5°C	10°C	-10°C							
114X7084	OP-MSYM034AJW05G	G	27	2.02	2.55	3.15	3.82	4.56	5.38	6.26								
			32	1.80	2.30	2.86	3.48	4.17	4.92	5.73	1.65	1.74	3.008	1.65	1.82		68	37
			38	1.54	2.00	2.51	3.06	3.68	4.35	5.09								
			43		1.75	2.21	2.72	3.27	3.88	4.54								
114X7062	OP-MSXM034MLW05E	E	27	2.50	3.08	3.73	4.46	5.27	6.16	7.12								
			32	2.25	2.79	3.40	4.07	4.82	5.64	6.53	1.68	2.02	3.580	1.69	2.11		69	38
			38	1.93	2.42	2.97	3.58	4.26	5.00	5.81								
			43	1.63	2.09	2.60	3.16	3.77	4.45	5.20								
114X7061	OP-MSXM034MLW05G	G	27	2.59	3.15	3.78	4.50	5.29	6.16	7.12								
			32	2.37	2.89	3.48	4.14	4.88	5.70	6.61	1.75	1.99	3.669	1.76	2.08		69	38
			38	2.10	2.57	3.10	3.71	4.38	5.14	5.98								
			43	1.87	2.29	2.78	3.33	3.96	4.66	5.45								
114X7064	OP-MSXM046MLW05E	E	27	3.40	4.12	4.93	5.82	6.81	7.91	9.10								
			32	3.11	3.77	4.51	5.34	6.26	7.27	8.39	2.32	1.94	4.778	2.35	2.03		69	38
			38	2.73	3.33	3.99	4.73	5.56	6.48	7.51								
			43	2.39	2.93	3.53	4.20	4.95	5.80	6.75								
114X7063	OP-MSXM046MLW05G	G	27	3.45	4.18	5.00	5.92	6.92	8.02	9.20								
			32	3.15	3.82	4.58	5.42	6.35	7.37	8.48	2.41	1.90	4.848	2.44	1.99		69	38
			38	2.76	3.36	4.04	4.80	5.64	6.57	7.59								
			43	2.42	2.96	3.57	4.26	5.02	5.87	6.82								
114X7065	OP-MSXM057MLW05G	G	27	3.97	4.81	5.74	6.78	7.91	9.14	10.47								
			32	3.62	4.38	5.24	6.19	7.23	8.37	9.61	3.24	1.62	5.571	3.29	1.69	2.90	69	38
			38	3.18	3.86	4.61	5.46	6.40	7.42	8.55								
			43	2.79	3.40	4.07	4.83	5.67	6.61	7.65								
114X7066	OP-MSXM057MLW05E	E	27	3.98	4.81	5.75	6.79	7.93	9.16	10.49								
			32	3.63	4.39	5.25	6.20	7.25	8.40	9.64	3.12	1.68	5.580	3.16	1.76	3.01	69	38
			38	3.19	3.87	4.63	5.48	6.42	7.45	8.59								
			43	2.81	3.41	4.09	4.86	5.70	6.65	7.69								
114X7068	OP-MSXM068MLW05E	E	27	5.27	6.44	7.78	9.30	11.00	12.88	14.95								
			32	4.83	5.93	7.18	8.59	10.18	11.95	13.91	3.25	2.20	7.566	3.28	2.31	3.73	70	39
			38	4.28	5.28	6.42	7.71	9.17	10.80	12.62								
			43	3.81	4.72	5.76	6.95	8.29	9.81	11.51								
114X7067	OP-MSXM068MLW05G	G	27	5.27	6.45	7.79	9.30	11.00	12.88	14.94								
			32	4.83	5.93	7.18	8.59	10.18	11.95	13.90	3.33	2.16	7.568	3.35	2.26	3.66	70	39
			38	4.28	5.28	6.42	7.71	9.17	10.79	12.61								
			43	3.81	4.71	5.76	6.94	8.28	9.80	11.49								
114X7069	OP-MSXM080MLW05G	G	27	6.07	7.47	9.04	10.77	12.63	14.63	16.73								
			32	5.50	6.81	8.27	9.89	11.65	13.54	15.54	4.00	2.07	8.735	4.03	2.17	3.33	70	39
			38	4.83	5.99	7.32	8.80	10.42	12.16	14.04								
			43	4.27	5.31	6.51	7.86	9.35	10.98	12.74								
114X7070	OP-MSXM080MLW05E	E	27	6.24	7.57	9.08	10.78	12.66	14.73	16.97								
			32	5.71	6.95	8.35	9.93	11.68	13.61	15.72	3.82	2.19	8.822	3.86	2.29	3.71	70	39
			38	5.03	6.15	7.41	8.84	10.43	12.20	14.14								
			43	4.42	5.43	6.58	7.88	9.34	10.96	12.75								
114X7071	OP-MSXM099MLW05E	E	27	7.29	8.83	10.55	12.47	14.58	16.87	19.36								
			32	6.64	8.06	9.65	11.42	13.38	15.52	17.85	4.94	1.95	10.216	5.00	2.04	3.37	70	39
			38	5.82	7.08	8.51	10.11	11.88	13.84	15.99								
			43	5.10	6.23	7.51	8.96	10.58	12.38	14.39								
114X7072	OP-MSXM108MLW05E	E	27	7.86	9.49	11.30	13.31	15.52	17.94	20.58								
			32	7.15	8.65	10.32	12.17	14.21	16.46	18.93	5.41	1.91	10.943	5.48	2.00	3.31	70	39
			38	6.25	7.60	9.09	10.74	12.58	14.62	16.89								
			43	5.46	6.67	8.01	9.50	11.17	13.04	15.14								

MBP

(1) G - Compressor 230V/1~/50Hz, fan 230V/1~/50Hz

E - Compressor 400V/3~/50Hz, fan 230V/1~/50Hz

(2) Nominal conditions, Saturated suction temperature -10°C. Ambient air temperature +32°C. Superheat 10K.

(3) Rated conditions, Saturated suction temperature -10°C. Ambient air temperature +32°C. Return Gas Temperature 20°C

SEPR, Seasonal Energy Performance Ratio

Q [kW], Cooling Capacity

P [kW], Power Input



For more information related to EcoDesign compliance, please refer to Coolselector®
coolselector.danfoss.com or contact Danfoss



Catalogue

Performance data R449A MBP

Performance with SH=10K & SC=0K

Code number	Model number	Electrical code	Tamb [°C]	Cooling capacity Q [kW]							P [kW]		EcoDesign (3)				Sound power level dB(A)	Sound pressure level 10 m dB(A)
				Te [°C]								COP (2)	Q [kW]	P [kW]	COP _A	SEPR		
				-20°C	-15°C	-10°C	-5°C	0°C	5°C	10°C	-10°C							
114X7108	OP-MSYM009MYW05G	G	27		0.49	0.58	0.74	0.96	1.24									
			32		0.45	0.53	0.67	0.88	1.14		0.33	1.59	0.535	0.33	1.61		62	31
			38		0.40	0.46	0.59	0.78	1.03									
			43		0.36	0.41	0.52	0.70	0.93									
114X7109	OP-MSYM012MPW05G	G	27		0.68	0.82	1.02	1.30	1.65									
			32		0.62	0.74	0.93	1.19	1.52		0.44	1.68	0.750	0.44	1.70		65	34
			38		0.55	0.65	0.82	1.06	1.37									
			43		0.50	0.57	0.72	0.95	1.24									
114X7110	OP-MSYM014MPW05G	G	27		1.00	1.27	1.57	1.90	2.25									
			32		0.92	1.18	1.46	1.76	2.10		0.71	1.64	1.195	0.72	1.67		60	29
			38		0.83	1.06	1.32	1.60	1.91									
			43		0.76	0.96	1.20	1.46	1.76									
114X7111*	OP-MSYM018AJW05G	G	27	0.93	1.23	1.59	2.03	2.53	3.13	3.81								
			32	0.85	1.13	1.47	1.87	2.35	2.90	3.54	0.78	1.89	1.490	0.78	1.92		64	39
			38		1.01	1.32	1.69	2.12	2.63	3.23								
			43		0.91	1.20	1.54	1.94	2.41	2.97								
114X7097	OP-MSYM024AJW05G	G	27	1.16	1.56	2.03	2.59	3.24	3.99	4.84								
			32	1.04	1.41	1.86	2.38	2.98	3.68	4.48	0.90	2.06	1.885	0.90	2.09		64	33
			38		1.25	1.65	2.13	2.68	3.32	4.05								
			43		1.11	1.48	1.92	2.43	3.03	3.71								
114X7083	OP-MSYM026AJW05G	G	27	1.33	1.74	2.24	2.82	3.49	4.27	5.15								
			32	1.21	1.60	2.06	2.60	3.23	3.95	4.78	1.01	2.04	2.090	1.01	2.08		67	36
			38		1.42	1.84	2.34	2.91	3.58	4.35								
			43		1.28	1.67	2.12	2.66	3.28	3.99								
114X7093	OP-MSYM026AJW05E	E	27	1.30	1.74	2.24	2.83	3.52	4.30	5.19								
			32	1.17	1.58	2.06	2.61	3.25	3.99	4.83	1.06	1.95	2.092	1.06	1.98		67	36
			38		1.39	1.83	2.34	2.94	3.62	4.40								
			43		1.24	1.65	2.12	2.67	3.31	4.04								
114X7094	OP-MSYM034AJW05E	E	27	1.66	2.18	2.78	3.47	4.27	5.18	6.19								
			32	1.51	2.00	2.56	3.21	3.96	4.81	5.77	1.34	1.90	2.606	1.35	1.94		68	37
			38		1.78	2.30	2.90	3.59	4.38	5.26								
			43		1.60	2.09	2.64	3.29	4.02	4.85								
114X7094	OP-MSYM034AJW05E	E	27	1.66	2.18	2.78	3.47	4.27	5.18	6.19								
			32	1.51	2.00	2.56	3.21	3.96	4.81	5.77	1.34	1.90	2.606	1.35	1.94		68	37
			38		1.78	2.30	2.90	3.59	4.38	5.26								
			43		1.60	2.09	2.64	3.29	4.02	4.85								
114X7084	OP-MSYM034AJW05G	G	27	1.66	2.20	2.82	3.55	4.38	5.32	6.38								
			32	1.51	2.01	2.60	3.27	4.05	4.94	5.93	1.41	1.84	2.643	1.41	1.87		68	37
			38		1.79	2.33	2.95	3.66	4.48	5.40								
			43		1.60	2.10	2.67	3.34	4.09	4.95								
114X7062	OP-MSXM034MLW05E	E	27	2.38	2.95	3.61	4.36	5.21	6.16	7.21								
			32	2.20	2.74	3.37	4.08	4.88	5.78	6.78	1.63	2.07	3.432	1.63	2.10		69	38
			38	1.97	2.48	3.05	3.71	4.46	5.30	6.24								
			43		2.24	2.78	3.39	4.09	4.88	5.77								

*Preliminary data

MBP

(1) G - Compressor 230V/1~/50Hz, fan 230V/1~/50Hz

E - Compressor 400V/3~/50Hz, fan 230V/1~/50Hz

(2) Nominal conditions, Saturated suction temperature -10°C. Ambient air temperature +32°C. Superheat 10K.

(3) Rated conditions, Saturated suction temperature -10°C. Ambient air temperature +32°C. Return Gas Temperature 20°C

SEPR, Seasonal Energy Performance Ratio

Q [kW], Cooling Capacity

P [kW], Power Input

This table continues in the next page



For more information related to EcoDesign compliance, please refer to Coolselector®
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Catalogue

Performance data R449A MBP

Performance with SH=10K & SC=OK

Code number	Model number	Electrical code	Tamb [°C]	Cooling capacity Q [kW]							P [kW]		EcoDesign (3)				Sound power level dB(A)	Sound pressure level 10 m dB(A)
				Te [°C]								COP (2)	Q [kW]	P [kW]	COP _A	SEPR		
				-20°C	-15°C	-10°C	-5°C	0°C	5°C	10°C	-10°C							
114X7061	OP-MSXM034MLW05G	G	27	2.37	2.94	3.61	4.37	5.22	6.17	7.22								
			32	2.20	2.75	3.37	4.09	4.89	5.80	6.80	1.59	2.13	3.439	1.59	2.16		69	38
			38	2.00	2.50	3.08	3.74	4.49	5.33	6.26								
			43		2.29	2.83	3.44	4.14	4.93	5.81								
114X7064	OP-MSXM046MLW05E	E	27	3.15	3.90	4.74	5.70	6.76	7.93	9.22								
			32	2.90	3.60	4.40	5.29	6.29	7.40	8.61	2.26	1.95	4.494	2.27	1.98		69	38
			38	2.59	3.23	3.96	4.79	5.71	6.73	7.86								
			43		2.92	3.59	4.35	5.20	6.15	7.21								
114X7063	OP-MSXM046MLW05G	G	27	3.15	3.91	4.76	5.73	6.81	8.01	9.32								
			32	2.92	3.63	4.43	5.34	6.36	7.49	8.73	2.37	1.87	4.529	2.38	1.90		69	38
			38	2.64	3.28	4.02	4.85	5.79	6.84	8.00								
			43		2.99	3.66	4.43	5.30	6.28	7.37								
114X7066	OP-MSXM057MLW05E	E	27	3.77	4.67	5.67	6.77	7.98	9.30	10.71								
			32	3.43	4.27	5.21	6.25	7.38	8.61	9.95	2.97	1.75	5.339	2.99	1.78	3.07	69	38
			38	3.00	3.78	4.64	5.59	6.63	7.76	8.99								
			43		3.35	4.14	5.01	5.97	7.02	8.16								
114X7065	OP-MSXM057MLW05G	G	27	3.82	4.71	5.72	6.84	8.07	9.41	10.87								
			32	3.52	4.35	5.28	6.32	7.47	8.72	10.08	3.12	1.69	5.409	3.14	1.72	2.86	69	38
			38	3.14	3.88	4.72	5.66	6.71	7.85	9.10								
			43		3.49	4.24	5.09	6.04	7.09	8.25								
114X7067	OP-MSXM068MLW05G	G	27	4.88	6.06	7.41	8.94	10.67	12.60	14.75								
			32	4.52	5.63	6.90	8.36	9.99	11.83	13.87	3.16	2.19	7.037	3.17	2.22	3.45	70	39
			38	4.07	5.10	6.28	7.62	9.15	10.87	12.78								
			43		4.64	5.74	6.99	8.42	10.03	11.84								
114X7068	OP-MSXM068MLW05E	E	27	4.93	6.10	7.44	8.96	10.68	12.61	14.75								
			32	4.56	5.66	6.93	8.37	10.00	11.84	13.87	3.03	2.29	7.060	3.03	2.33	3.63	70	39
			38	4.09	5.11	6.28	7.62	9.14	10.86	12.77								
			43		4.63	5.72	6.97	8.39	10.00	11.80								
114X7069	OP-MSXM080MLW05G	G	27	5.64	6.98	8.49	10.19	12.10	14.21	16.51								
			32	5.26	6.52	7.94	9.55	11.34	13.33	15.51	3.82	2.08	8.108	3.84	2.11	3.22	70	39
			38	4.78	5.94	7.26	8.73	10.39	12.22	14.25								
			43		5.44	6.65	8.02	9.56	11.27	13.16								
114X7070	OP-MSXM080MLW05E	E	27	5.75	7.09	8.61	10.34	12.27	14.41	16.77								
			32	5.32	6.58	8.01	9.64	11.46	13.49	15.72	3.56	2.25	8.175	3.57	2.29	3.68	70	39
			38	4.77	5.94	7.26	8.76	10.45	12.33	14.42								
			43		5.38	6.61	8.00	9.57	11.34	13.30								
114X7071	OP-MSXM099MLW05E	E	27	6.85	8.48	10.33	12.39	14.67	17.17	19.88								
			32	6.33	7.86	9.58	11.51	13.65	15.99	18.54	4.67	2.05	9.800	4.69	2.09	3.46	70	39
			38	5.68	7.08	8.65	10.41	12.36	14.51	16.86								
			43		6.40	7.83	9.44	11.24	13.22	15.41								
114X7072	OP-MSXM108MLW05E	E	27	7.34	9.05	10.98	13.14	15.53	18.15	20.99								
			32	6.76	8.36	10.17	12.19	14.43	16.89	19.57	5.27	1.93	10.403	5.30	1.96	3.31	70	39
			38	6.03	7.50	9.15	10.99	13.05	15.32	17.80								
			43		6.75	8.26	9.96	11.85	13.96	16.28								

MBP

(1) G - Compressor 230V/1~/50Hz, fan 230V/1~/50Hz

E - Compressor 400V/3~/50Hz, fan 230V/1~/50Hz

(2) Nominal conditions, Saturated suction temperature -10°C. Ambient air temperature +32°C. Superheat 10K.

(3) Rated conditions, Saturated suction temperature -10°C. Ambient air temperature +32°C. Return Gas Temperature 20°C

SEPR, Seasonal Energy Performance Ratio

Q [kW], Cooling Capacity

P [kW], Power Input



For more information related to EcoDesign compliance, please refer to Coolselector®
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Performance with SH=10K & SC=0K

Code number	Model number	Electrical code	Tamb [°C]	Cooling capacity Q [kW]							P [kW]		EcoDesign (3)				Sound power level dB(A)	Sound pressure level 10 m dB(A)
				Te [°C]								COP (2)	Q [kW]	P [kW]	COP _A	SEPR		
				-20°C	-15°C	-10°C	-5°C	0°C	5°C	10°C	-10°C							
114X7062	OP-MSXM034MLW05E	E	27	2.38	2.96	3.62	4.37	5.22	6.16	7.21								
			32	2.21	2.75	3.37	4.08	4.88	5.78	6.78	1.63	2.07	3.432	1.63	2.10		69	38
			38	1.98	2.48	3.06	3.72	4.46	5.30	6.24								
			43		2.25	2.78	3.40	4.10	4.89	5.77								
114X7061	OP-MSXM034MLW05G	G	27	2.37	2.95	3.61	4.37	5.22	6.17	7.22								
			32	2.21	2.75	3.38	4.09	4.90	5.80	6.80	1.59	2.13	3.439	1.59	2.16		69	38
			38	2.00	2.51	3.09	3.74	4.49	5.33	6.26								
			43		2.30	2.83	3.45	4.14	4.93	5.81								
114X7064	OP-MSXM046MLW05E	E	27	3.16	3.90	4.75	5.70	6.77	7.94	9.22								
			32	2.91	3.61	4.40	5.30	6.30	7.40	8.61	2.26	1.95	4.494	2.27	1.98		69	38
			38	2.60	3.24	3.97	4.79	5.71	6.73	7.86								
			43		2.92	3.59	4.35	5.20	6.15	7.21								
114X7063	OP-MSXM046MLW05G	G	27	3.16	3.91	4.77	5.74	6.82	8.01	9.32								
			32	2.93	3.63	4.44	5.34	6.36	7.49	8.73	2.37	1.87	4.529	2.38	1.90		69	38
			38	2.64	3.29	4.02	4.86	5.80	6.84	8.00								
			43		3.00	3.67	4.44	5.31	6.28	7.37								
114X7066	OP-MSXM057MLW05E	E	27	3.77	4.67	5.68	6.78	7.99	9.30	10.71								
			32	3.44	4.28	5.22	6.25	7.39	8.62	9.95	2.97	1.76	5.339	2.99	1.78	3.07	69	38
			38	3.01	3.79	4.65	5.59	6.63	7.76	8.99								
			43		3.36	4.15	5.02	5.98	7.02	8.16								
114X7065	OP-MSXM057MLW05G	G	27	3.83	4.72	5.72	6.84	8.08	9.42	10.87								
			32	3.53	4.35	5.29	6.33	7.47	8.73	10.08	3.12	1.69	5.409	3.14	1.72	2.86	69	38
			38	3.15	3.89	4.73	5.67	6.71	7.86	9.10								
			43		3.49	4.25	5.10	6.05	7.10	8.25								
114X7067	OP-MSXM068MLW05G	G	27	4.89	6.07	7.42	8.95	10.68	12.61	14.75								
			32	4.53	5.64	6.91	8.36	10.00	11.84	13.87	3.16	2.19	7.037	3.17	2.22	3.45	70	39
			38	4.08	5.11	6.29	7.63	9.16	10.87	12.78								
			43		4.65	5.75	7.00	8.43	10.04	11.84								
114X7068	OP-MSXM068MLW05E	E	27	4.94	6.11	7.45	8.97	10.69	12.62	14.75								
			32	4.57	5.67	6.94	8.38	10.01	11.84	13.87	3.03	2.29	7.060	3.03	2.33	3.63	70	39
			38	4.10	5.12	6.29	7.63	9.15	10.86	12.77								
			43		4.64	5.73	6.98	8.40	10.00	11.80								
114X7069	OP-MSXM080MLW05G	G	27	5.65	6.99	8.50	10.21	12.11	14.21	16.51								
			32	5.27	6.53	7.96	9.56	11.35	13.33	15.51	3.83	2.08	8.108	3.84	2.11	3.22	70	39
			38	4.79	5.95	7.27	8.74	10.40	12.23	14.25								
			43		5.45	6.67	8.03	9.56	11.27	13.17								
114X7070	OP-MSXM080MLW05E	E	27	5.77	7.10	8.63	10.35	12.28	14.42	16.77								
			32	5.33	6.59	8.02	9.65	11.47	13.49	15.72	3.56	2.26	8.175	3.57	2.29	3.68	70	39
			38	4.79	5.95	7.27	8.77	10.46	12.34	14.42								
			43		5.40	6.62	8.01	9.58	11.34	13.30								
114X7071	OP-MSXM099MLW05E	E	27	6.86	8.50	10.34	12.40	14.68	17.18	19.88								
			32	6.34	7.88	9.60	11.52	13.66	15.99	18.54	4.67	2.06	9.800	4.69	2.09	3.46	70	39
			38	5.69	7.09	8.66	10.42	12.37	14.51	16.86								
			43		6.41	7.85	9.46	11.25	13.23	15.41								
114X7072	OP-MSXM108MLW05E	E	27	7.36	9.07	11.00	13.15	15.54	18.16	20.99								
			32	6.77	8.38	10.18	12.20	14.44	16.90	19.57	5.27	1.93	10.403	5.30	1.96	3.31	70	39
			38	6.05	7.51	9.16	11.01	13.06	15.33	17.80								
			43		6.76	8.27	9.97	11.87	13.96	16.28								

MBP

(1) G - Compressor 230V/1~/50Hz, fan 230V/1~/50Hz

E - Compressor 400V/3~/50Hz, fan 230V/1~/50Hz

(2) Nominal conditions, Saturated suction temperature -10°C. Ambient air temperature +32°C. Superheat 10K.

(3) Rated conditions, Saturated suction temperature -10°C. Ambient air temperature +32°C. Return Gas Temperature 20°C

SEPR, Seasonal Energy Performance Ratio

Q [kW], Cooling Capacity

P [kW], Power Input


For more information related to EcoDesign compliance, please refer to Coolselector®
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Catalogue

Performance data R407F MBP

Performance with SH=10K & SC=OK

Code number	Model number	Electrical code	Tamb [°C]	Cooling capacity Q [kW]							P [kW]	COP (2)	EcoDesign (3)				Sound power level dB(A)	Sound pressure level 10 m dB(A)
				Te [°C]							P [kW]		Q [kW]	P [kW]	COP _A	SEPR		
				-20°C	-15°C	-10°C	-5°C	0°C	5°C	10°C								
114X7062	OP-MSXM034MLW05E	E	27	2.45	3.06	3.77	4.59	5.52	6.57	7.75								
			32	2.26	2.84	3.51	4.28	5.17	6.17	7.29	1.62	2.16	3.540	1.62	2.18		69	38
			38		2.56	3.18	3.90	4.73	5.67									
			43															
114X7061	OP-MSXM034MLW05G	G	27	2.51	3.13	3.86	4.69	5.65	6.72	7.91								
			32	2.32	2.90	3.59	4.38	5.29	6.31	7.45	1.66	2.16	3.621	1.66	2.18		69	38
			38		2.61	3.25	3.99	4.83	5.79									
			43															
114X7064	OP-MSXM046MLW05E	E	27	3.08	3.84	4.71	5.67	6.74	7.90	9.15								
			32	2.83	3.55	4.37	5.27	6.28	7.37	8.54	2.55	1.71	4.425	2.56	1.73		69	38
			38		3.18	3.93	4.77	5.69	6.70									
			43															
114X7063	OP-MSXM046MLW05G	G	27	3.13	3.91	4.79	5.76	6.84	8.01	9.27								
			32	2.88	3.61	4.44	5.36	6.37	7.47	8.66	2.61	1.70	4.497	2.62	1.72		69	38
			38		3.23	3.99	4.84	5.77	6.79									
			43															
114X7066	OP-MSXM057MLW05E	E	27	3.75	4.68	5.73	6.90	8.19	9.60	11.11								
			32	3.45	4.32	5.31	6.41	7.63	8.95	10.37	3.03	1.75	5.384	3.05	1.77	2.91	69	38
			38		3.87	4.78	5.80	6.92	8.14									
			43															
114X7065	OP-MSXM057MLW05G	G	27	3.86	4.82	5.89	7.09	8.41	9.84	11.38								
			32	3.55	4.45	5.46	6.59	7.83	9.17	10.62	3.14	1.74	5.538	3.15	1.76	2.91	69	38
			38		3.98	4.91	5.95	7.09	8.33									
			43															
114X7067	OP-MSXM068MLW05G	G	27	4.95	6.08	7.40	8.91	10.62	12.53	14.63								
			32	4.65	5.70	6.93	8.34	9.95	11.75	13.74	3.45	2.01	7.006	3.46	2.03	3.27	70	39
			38		5.26	6.37	7.66	9.14	10.81									
			43															
114X7068	OP-MSXM068MLW05E	E	27	4.99	6.13	7.46	8.98	10.70	12.63	14.74								
			32	4.69	5.75	6.99	8.41	10.03	11.85	13.85	3.31	2.11	7.063	3.32	2.13	3.42	70	39
			38		5.30	6.43	7.73	9.22	10.90									
			43															
114X7069	OP-MSXM080MLW05G	G	27	5.79	7.14	8.71	10.53	12.59	14.90	17.47								
			32	5.45	6.69	8.16	9.87	11.81	14.00	16.43	3.98	2.05	8.246	3.98	2.07	3.35	70	39
			38		6.18	7.51	9.07	10.87	12.90									
			43															
114X7070	OP-MSXM080MLW05E	E	27	5.81	7.15	8.73	10.55	12.62	14.94	17.51								
			32	5.46	6.71	8.19	9.89	11.84	14.04	16.48	3.79	2.16	8.267	3.80	2.18	3.52	70	39
			38		6.20	7.54	9.10	10.90	12.94									
			43															
114X7071	OP-MSXM099MLW05E	E	27	6.87	8.62	10.60	12.83	15.31	18.06	21.06								
			32	6.24	7.90	9.78	11.89	14.25	16.86	19.72	5.01	1.95	9.892	5.03	1.97	3.23	70	39
			38		7.01	8.76	10.73	12.94	15.38									
			43															
114X7072	OP-MSXM108MLW05E	E	27	7.19	9.01	11.07	13.38	15.96	18.79	21.88								
			32	6.52	8.24	10.20	12.39	14.83	17.52	20.45	5.55	1.84	10.322	5.57	1.85	3.07	70	39
			38		7.29	9.11	11.15	13.43	15.94									
			43		6.19	7.84	9.71	11.81										

MBP

(1) G - Compressor 230V/1~/50Hz, fan 230V/1~/50Hz

E - Compressor 400V/3~/50Hz, fan 230V/1~/50Hz

(2) Nominal conditions, Saturated suction temperature -10°C. Ambient air temperature +32°C. Superheat 10K.

(3) Rated conditions, Saturated suction temperature -10°C. Ambient air temperature +32°C. Return Gas Temperature 20°C

SEPR, Seasonal Energy Performance Ratio

Q [kW], Cooling Capacity

P [kW], Power Input



For more information related to EcoDesign compliance, please refer to Coolselector®
coolselector.danfoss.com or contact Danfoss



Catalogue

Performance data R407A MBP

Performance with SH=10K & SC=0K

Code number	Model number	Electrical code	Tamb [°C]	Cooling capacity Q [kW]							P [kW]		EcoDesign (3)				Sound power level dB(A)	Sound pressure level 10 m dB(A)
				Te [°C]								COP (2)	Q [kW]	P [kW]	COP _A	SEPR		
				-20°C	-15°C	-10°C	-5°C	0°C	5°C	10°C	-10°C							
114X7062	OP-MSXM034MLW05E	E	27	2.31	2.89	3.57	4.35	5.25	6.27	7.40								
			32	2.12	2.67	3.31	4.06	4.91	5.87	6.95	1.52	2.18	3.374	1.52	2.22		69	38
			38	1.89	2.40	2.99	3.68	4.47	5.38									
			43		2.16	2.71	3.35	4.10										
114X7061	OP-MSXM034MLW05G	G	27	2.34	2.92	3.61	4.41	5.31	6.34	7.48								
			32	2.15	2.70	3.35	4.10	4.97	5.94	7.03	1.54	2.17	3.415	1.55	2.21		69	38
			38	1.92	2.42	3.02	3.72	4.53	5.44	6.46								
			43		2.18	2.74	3.39	4.14										
114X7064	OP-MSXM046MLW05E	E	27	2.87	3.60	4.42	5.34	6.36	7.48	8.69								
			32	2.63	3.32	4.09	4.96	5.92	6.97	8.10	2.33	1.75	4.185	2.35	1.78		69	38
			38	2.34	2.96	3.68	4.47	5.36	6.33	7.37								
			43		2.66	3.32	4.05	4.87										
114X7063	OP-MSXM046MLW05G	G	27	2.92	3.66	4.49	5.42	6.46	7.59									
			32	2.68	3.37	4.16	5.03	6.00	7.07	8.22	2.38	1.74	4.254	2.40	1.77		69	38
			38	2.37	3.01	3.73	4.54	5.43	6.41	7.47								
			43		2.70	3.36	4.11	4.94										
114X7066	OP-MSXM057MLW05E	E	27	3.55	4.44	5.44	6.57	7.83	9.19	10.67								
			32	3.25	4.09	5.04	6.10	7.28	8.56	9.95	2.82	1.79	5.157	2.83	1.82	2.95	69	38
			38	2.88	3.65	4.53	5.50	6.58	7.77	9.04								
			43		3.27	4.08	4.98	5.98										
114X7065	OP-MSXM057MLW05G	G	27	3.61	4.51	5.53	6.68	7.94	9.33	10.82								
			32	3.30	4.16	5.12	6.19	7.38	8.68	10.08	2.86	1.79	5.240	2.88	1.82	2.95	69	38
			38	2.93	3.71	4.60	5.59	6.68	7.87	9.16								
			43		3.32	4.14	5.05	6.06										
114X7067	OP-MSXM068MLW05G	G	27	4.60	5.67	6.93	8.39	10.03	11.87	13.91								
			32	4.31	5.30	6.47	7.83	9.37	11.11	13.03	3.19	2.03	6.607	3.20	2.07	3.31	70	39
			38	3.97	4.86	5.92	7.15	8.57	10.17	11.96								
			43		4.50	5.46	6.59	7.90										
114X7068	OP-MSXM068MLW05E	E	27	4.64	5.72	6.99	8.45	10.11	11.96	14.01								
			32	4.34	5.34	6.52	7.89	9.45	11.19	13.13	3.06	2.13	6.660	3.07	2.17	3.47	70	39
			38	4.00	4.90	5.97	7.22	8.65	10.26	12.06								
			43		4.54	5.51	6.66	7.98										
114X7069	OP-MSXM080MLW05G	G	27	5.38	6.66	8.16	9.90	11.89	14.12	16.60								
			32	5.04	6.22	7.62	9.25	11.12	13.22	15.56	3.68	2.07	7.774	3.69	2.11	3.40	70	39
			38	4.65	5.71	6.98	8.47	10.18	12.13	14.31								
			43		5.29	6.45	7.81	9.40										
114X7070	OP-MSXM080MLW05E	E	27	5.44	6.73	8.25	10.01	12.02	14.27	16.77								
			32	5.10	6.29	7.71	9.36	11.24	13.37	15.74	3.42	2.25	7.862	3.43	2.29	3.68	70	39
			38	4.70	5.78	7.06	8.57	10.31	12.28	14.48								
			43		5.36	6.53	7.91	9.52										
114X7071	OP-MSXM099MLW05E	E	27	6.41	8.07	9.96	12.10	14.49	17.14	20.04								
			32	5.81	7.37	9.16	11.18	13.45	15.96	18.72	4.61	1.99	9.357	4.63	2.02	3.31	70	39
			38	5.06	6.51	8.18	10.06	12.17	14.51	17.09								
			43		5.78	7.33	9.09	11.07										
114X7072	OP-MSXM108MLW05E	E	27	6.94	8.71	10.74	13.02	15.56	18.37	21.42								
			32	6.27	7.95	9.86	12.02	14.42	17.08	19.97	5.18	1.90	10.082	5.21	1.94	3.19	70	39
			38	5.44	7.00	8.78	10.78	13.02	15.49	18.19								
			43		6.19	7.84	9.71	11.81										

MBP

(1) G - Compressor 230V/1~/50Hz, fan 230V/1~/50Hz

E - Compressor 400V/3~/50Hz, fan 230V/1~/50Hz

(2) Nominal conditions, Saturated suction temperature -10°C. Ambient air temperature +32°C. Superheat 10K.

(3) Rated conditions, Saturated suction temperature -10°C. Ambient air temperature +32°C. Return Gas Temperature 20°C

SEPR, Seasonal Energy Performance Ratio

Q [kW], Cooling Capacity

P [kW], Power Input



For more information related to EcoDesign compliance, please refer to Coolselector®
coolselector.danfoss.com or contact Danfoss



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	Figure	Height	Width	Depth	Suction line	Liquid Line	Gross	Net
							(m²/h)	(dm³)					mm	mm	mm	inch	inch		
LBP	114X7075	OP-LSQM098LLW05E	LLZ018T4	E	Q	G7	5,200	1.8	1	500	6.2	B3	825	1105	464	3/4"	1/2"	97.0	78.0
LBP	114X7081	OP-LSHM015SCW05G	SC15CLX.2	G	H	A7	2,200	0.4	1	365	1.3	B1	530	910	364	3/8"	3/8"	66.5	53.0
LBP	114X7082	OP-LSHM018SCW05G	SC18CLX.2	G	H	A7	2,200	0.4	1	365	1.3	B1	530	910	364	3/8"	3/8"	66.5	53.0
LBP	114X7085	OP-LSQM026AJW05G	CAJ2446Z	G	Q	D7	3,300	0.6	1	450	3.4	B2	690	1087	464	1/2"	1/2"	76.7	61.5
LBP	114X7086	OP-LSQM034AJW05G	CAJ2464Z	G	Q	D7	3,300	0.6	1	450	3.4	B2	690	1087	464	1/2"	1/2"	76.7	61.5
LBP	114X7087	OP-LSQM048NTW05G	NTZ048-5	G	Q	D7	3,300	0.6	1	450	3.4	B2	690	1087	464	5/8"	1/2"	77.0	62.0
LBP	114X7088	OP-LSQM048NTW05E	NTZ048-4	E	Q	D7	3,300	0.6	1	450	3.4	B2	690	1087	464	5/8"	1/2"	77.0	62.0
LBP	114X7089	OP-LSQM068NTW05G	NTZ068-5	G	Q	D7	3,300	0.6	1	450	3.4	B2	690	1087	464	5/8"	1/2"	79.0	64.0
LBP	114X7090	OP-LSQM068NTW05E	NTZ068-4	E	Q	D7	3,300	0.6	1	450	3.4	B2	690	1087	464	5/8"	1/2"	80.0	65.0
LBP	114X7091	OP-LSQM067LLW05E	LLZ013T4	E	Q	G7	5,200	1.8	1	500	6.2	B3	825	1105	464	3/4"	1/2"	97.0	78.0
LBP	114X7092	OP-LSQM084LLW05E	LLZ015T4	E	Q	G7	5,200	1.8	1	500	6.2	B3	825	1105	464	3/4"	1/2"	97.0	78.0
LBP	114X7095	OP-LSQM074FHW05G	FH2511Z	G	Q	D7	3,300	0.6	1	450	3.4	B2	690	1087	464	5/8"	1/2"	92.0	77.0
LBP	114X7096	OP-LSQM074FHW05E	TFH2511Z	E	Q	D7	3,300	0.6	1	450	3.4	B2	690	1087	464	5/8"	1/2"	88.0	73.0
LBP	114X7106	OP-LSQM014MPW05G	MPT14LA	G	Q	A7	2,200	0.4	1	365	1.3	B1	530	910	364	3/8"	3/8"	64.4	50.9
LBP	114X7107	OP-LSQM018MPW05G	MPT16LA	G	Q	A7	2,200	0.4	1	365	1.3	B1	530	910	364	3/8"	3/8"	64.6	51.1
MBP	114X7061	OP-MSXM034MLW05G	MLZ015T5	G	X	D7	3,300	0.6	1	600	3.4	B2	690	1087	464	3/4"	1/2"	85.0	70.0
MBP	114X7062	OP-MSXM034MLW05E	MLZ015T4	E	X	D7	3,300	0.6	1	600	3.4	B2	690	1087	464	3/4"	1/2"	85.0	70.0
MBP	114X7063	OP-MSXM046MLW05G	MLZ021T5	G	X	D7	3,300	0.6	1	600	3.4	B2	690	1087	464	3/4"	1/2"	85.0	70.0
MBP	114X7064	OP-MSXM046MLW05E	MLZ021T4	E	X	D7	3,300	0.6	1	450	3.4	B2	690	1087	464	3/4"	1/2"	85.0	70.0
MBP	114X7065	OP-MSXM057MLW05G	MLZ026T5	G	X	D7	3,300	0.6	1	450	3.4	B2	690	1087	464	3/4"	1/2"	85.0	70.0
MBP	114X7066	OP-MSXM057MLW05E	MLZ026T4	E	X	D7	3,300	0.6	1	450	3.4	B2	690	1087	464	3/4"	1/2"	85.0	70.0
MBP	114X7067	OP-MSXM068MLW05G	MLZ030T5	G	X	G7	5,200	1.8	1	500	6.2	B3	825	1105	464	7/8"	1/2"	95.0	76.0
MBP	114X7068	OP-MSXM068MLW05E	MLZ030T4	E	X	G7	5,200	1.8	1	500	6.2	B3	825	1105	464	7/8"	1/2"	95.0	76.0
MBP	114X7069	OP-MSXM080MLW05G	MLZ038T5	G	X	G7	5,200	1.8	1	500	6.2	B3	825	1105	464	7/8"	1/2"	96.0	77.0
MBP	114X7070	OP-MSXM080MLW05E	MLZ038T4	E	X	G7	5,200	1.8	1	500	6.2	B3	825	1105	464	7/8"	1/2"	96.0	77.0
MBP	114X7071	OP-MSXM099MLW05E	MLZ045T4	E	X	G7	5,200	1.8	1	500	6.2	B3	825	1105	464	7/8"	1/2"	98.0	79.0
MBP	114X7072	OP-MSXM108MLW05E	MLZ048T4	E	X	G7	5,200	1.8	1	500	6.2	B3	825	1105	464	7/8"	1/2"	98.0	79.0
MBP	114X7077	OP-MSHM010SCW05G	SC10MLX	G	H	A7	2,200	0.4	1	365	1.3	B1	530	910	364	3/8"	3/8"	65.5	52.0
MBP	114X7078	OP-MSHM012SCW05G	SC12MLX	G	H	A7	2,200	0.4	1	365	1.3	B1	530	910	364	3/8"	3/8"	66.5	53.0
MBP	114X7079	OP-MSHM015SCW05G	SC15MLX	G	H	A7	2,200	0.4	1	365	1.3	B1	530	910	364	3/8"	3/8"	66.5	53.0
MBP	114X7080	OP-MSHM018SCW05G	SC18MLX	G	H	A7	2,200	0.4	1	365	1.3	B1	530	910	364	3/8"	3/8"	66.5	53.0
MBP	114X7083	OP-MSYM026AJW05G	CAJ4517Z	G	Y	D7	3,300	0.6	1	450	3.4	B2	690	1087	464	1/2"	1/2"	77.7	62.5
MBP	114X7084	OP-MSYM034AJW05G	CAJ4519Z	G	Y	D7	3,300	0.6	1	450	3.4	B2	690	1087	464	1/2"	1/2"	77.7	62.5
MBP	114X7093	OP-MSYM026AJW05E	TAJ4517Z	E	Y	D7	3,300	0.6	1	450	3.4	B2	690	1087	464	1/2"	1/2"	74.4	59.2
MBP	114X7094	OP-MSYM034AJW05E	TAJ4519Z	E	Y	D7	3,300	0.6	1	450	3.4	B2	690	1087	464	1/2"	1/2"	76.7	61.5
MBP	114X7097	OP-MSYM024AJW05G	CAJ9513Z	G	Y	D7	3,300	0.6	1	450	3.4	B2	690	1087	464	1/2"	1/2"	78.0	63.0
MBP	114X7099	OP-MSGM012SCW05G	SC12G	G	G	A7	2,200	0.4	1	365	1.3	B1	530	910	364	3/8"	3/8"	65.5	52.0
MBP	114X7100	OP-MSGM015SCW05G	SC15G	G	G	A7	2,200	0.4	1	365	1.3	B1	530	910	364	3/8"	3/8"	65.5	52.0
MBP	114X7101	OP-MSGM018SCW05G	SC18G	G	G	A7	2,200	0.4	1	365	1.3	B1	530	910	364	3/8"	3/8"	66.5	53.0
MBP	114X7102	OP-MSGM021SCW05G	SC21G	G	G	A7	2,200	0.4	1	365	1.3	B1	530	910	364	3/8"	3/8"	66.5	53.0
MBP	114X7103	OP-MSGM026AJW05G	CAJ4492Y	G	G	D7	3,300	0.6	1	450	3.4	B2	690	1087	464	3/8"	3/8"	78.0	62.5
MBP	114X7104	OP-MSGM033AJW05G	CAJ4511Y	G	G	D7	3,300	0.6	1	450	3.4	B2	690	1087	464	1/2"	1/2"	79.0	64.0
MBP	114X7108	OP-MSYM009MYW05G	MLY90RAb	G	Y	A7	2,200	0.4	1	365	1.3	B1	530	910	364	3/8"	3/8"	63.9	50.4
MBP	114X7109	OP-MSYM012MPW05G	MPT12RA	G	Y	A7	2,200	0.4	1	365	1.3	B1	530	910	364	3/8"	3/8"	64.3	50.8
MBP	114X7110	OP-MSYM014MPW05G	MPT14RA	G	Y	A7	2,200	0.4	1	365	1.3	B1	530	910	364	3/8"	3/8"	65.0	51.5
MBP	114X7111	OP-MSYM018AJW05G	CAJ9510Z	G	Y	D7	3300	0.6	1	450	3.4	B2	690	1087	464	1/2"	1/2"	77.0	62.0

(1) G - Compressor 230V/1~/50Hz, fan 230V/1~/50Hz

E - Compressor 400V/3~/50Hz, fan 230V/1~/50Hz

(2) G - R134A

X - R134A R404A R507 R407A R407F R449A R448A

Y - R404A R507 R449A

Q - R404A R507 R452A

H - R404A R507

Designation	LSQM098LL	LSHM015SC	LSHM018SC	LSQM026AJ	LSQM034AJ	LSQM048NT	LSQM048NT	LSQM068NT	LSQM068NT	LSQM067LL	LSQM084LL
Code Number	114X7075	114X7081	114X7082	114X7085	114X7086	114X7087	114X7088	114X7089	114X7090	114X7091	114X7092
Compressor Description	LLZ018T4	SC15CLX.2	SC18CLX.2	CAJ2446Z	CAJ2464Z	NTZ048-5	NTZ048-4	NTZ068-5	NTZ068-4	LLZ013T4	LLZ015T4
Oil	215PZ-POE46			RL32HA/HT	RL32HA/HT	175PZ-POE	175PZ-POE	175PZ-POE	175PZ-POE	215PZ-POE46	215PZ-POE46
Chassis	B3	B1	B1	B2	B2	B2	B2	B2	B2	B3	B3
Spare Parts											
Compressor single pack	121L9539	195B0399	195B0332	118U3992	118U3990	120F0228	120F0226	120F0232	120F0230	121L9535	121L9537
Condenser	118U3494	118U3492	118U3492	118U3493	118U3493	118U3493	118U3493	118U3493	118U3493	118U3494	118U3494
Dual pressure switch	060-539766	060-539766	060-539766	060-539766	060-539766	060-539766	060-539766	060-539766	060-539766	060-539766	060-539766
Fan assembly	118U3829									118U3829	118U3829
Fan blade		118U3480	118U3480	118U3481	118U3481	118U3481	118U3481	118U3481	118U3481		
Fan capacitor		118U3296	118U3296	118U3297	118U3297	118U3297	118U3297	118U3297	118U3297		
Fan cowl/grill	118U3485	118U3483	118U3483	118U3484	118U3484	118U3484	118U3484	118U3484	118U3484	118U3485	118U3485
Fan motor	118U3829	118U3477	118U3477	118U3823	118U3823	118U3823	118U3823	118U3823	118U3823	118U3829	118U3829
Filter drier	023Z5044	023Z5040	023Z5040	023Z5041	023Z5041	023Z5041	023Z5041	023Z5041	023Z5041	023Z5044	023Z5044
Liquid valve	118U3761	118U3414	118U3414	118U3761	118U3761	118U3761	118U3761	118U3761	118U3761	118U3761	118U3761
Receiver	118U3476	118U3474	118U3474	118U3475	118U3475	118U3475	118U3475	118U3475	118U3475	118U3476	118U3476
Sight glass	014L0173	014L0182	014L0182	014L0173	014L0173	014L0173	014L0173	014L0173	014L0173	014L0173	014L0173
Suction valve	118U3762	118U3414	118U3414	118U3761	118U3761	118U3764	118U3764	118U3764	118U3764	118U3762	118U3762
Electrical Spare Parts											
Crankcase heater	120Z5040	192H2096	192H2096	120Z0057	120Z0057	120Z0459	120Z0459	120Z0459	120Z0459	120Z5040	120Z5040
Contact kit	118U3896	118U3893	118U3893	118U3893	118U3894	118U3894	118U3893	118U3895	118U3893	118U3896	118U3896
Main switch kit	118U3874	118U3975	118U3975	118U3976	118U3976	118U3976	118U3872	118U3869	118U3873	118U3873	118U3874
Overload relay	118U3878	118U3978	118U3978	118U3876	118U3877	118U3877	118U3978	118U3879	118U3876	118U3877	118U3878
Run capacitor						8173041		8173041			
Sequence phase relay	118U3882									118U3882	118U3882
Starting capacitor						8173001		8173001			
Starting relay						8173022		8173022			
Electrical Characteristics											
Wiring Diagram	WD5	WD1	WD1	WD2	WD2	WD2	WD7	WD2	WD7	WD5	WD5
LRA Compressor [A]	90	19.6	23.5	29	40	37	16	53	25	62	88.5
MCC Compressor [A]	14.4	4.7	5.3	7.9	10	11	4.8	17	8.4	12	15
Max cont.power [kW]	6.2	0.95	1.07	1.4	1.87	2.19	2.28	3.62	3.57	4.59	5.49
MCC Fan [A]	0.97	0.32	0.32	0.47	0.47	0.47	0.47	0.47	0.47	0.97	0.97
Fan Power [W]	1x130	1x25	1x25	1x68	1x68	1x68	1x68	1x68	1x68	1x130	1x130
Min Fuse rating gL/gG (A)	20	10	10	10	16	16	10	25	16	16	20
Accessories (Not Premounted)											
Acoustic hood	120Z5052					120Z0575	120Z0575	120Z0575	120Z0575	120Z5052	120Z5052
FSC Male connection	061H3142	061H3142	061H3142	061H3142	061H3142	061H3142	061H3142	061H3142	061H3142	061H3142	061H3142
FSC Female connection	061H3140	061H3140	061H3140	061H3140	061H3140	061H3140	061H3140	061H3140	061H3140	061H3140	061H3140

MCC - Max Continuous Current
LRA - Locked Rotor Amps
FSC - Fan Speed Controller

Designation	LSQM074FH	LSQM074FH	LSQM014MP	LSQM018MP
Code Number	114X7095	114X7096	114X7106	114X7107
Compressor Description	FH2511Z	TFH2511Z	MPT14LA	MPT16LA
Oil	RL32HA/HT	RL32HA/HT	POE32	POE32
Chassis	B2	B2	B1	B1
Spare Parts				
Compressor single pack	118U3914	118U3915	123B2126	123B2127
Condenser	118U3493	118U3493	118U3492	118U3492
Dual pressure switch	060-539766	060-539766	060-539766	060-539766
Fan assembly				
Fan blade	118U3481	118U3481	118U3480	118U3480
Fan capacitor	118U3297	118U3297	118U3296	118U3296
Fan cowl/grill	118U3484	118U3484	118U3483	118U3483
Fan motor	118U3823	118U3823	118U3477	118U3477
Filter drier	023Z5041	023Z5041	023Z5040	023Z5040
Liquid valve	118U3761	118U3761	118U3414	118U3414
Receiver	118U3475	118U3475	118U3474	118U3474
Sight glass	014L0173	014L0173	014L0182	014L0182
Suction valve	118U3764	118U3764	118U3414	118U3414
Electrical Spare Parts				
Crankcase heater	120Z0459	120Z0459	192H2096	192H2096
Contact kit	118U3895	118U3893	118U3894	118U3894
Main switch kit	118U3870	118U3872	118U3975	118U3975
Overload relay	118U3880	118U3876	118U3978	118U3978
Run capacitor				
Sequence phase relay				
Starting capacitor				
Starting relay				
Electrical Characteristics				
Wiring Diagram	WD2	WD7	WD8	WD8
LRA Compressor [A]	81	28	16	19
MCC Compressor [A]	24	7.2	5	4
Max cont.power [kW]	3.45	3.34	0.78	0.89
MCC Fan [A]	0.47	0.47	0.32	0.32
Fan Power [W]	1x68	1x68	1x25	1x25
Min Fuse rating gL/gG (A)	32	10	10	10
Accessories (Not Premounted)				
Acoustic hood				
FSC Male connection	061H3142	061H3142	061H3142	061H3142
FSC Female connection	061H3140	061H3140	061H3140	061H3140

MCC - Max Continuous Current
LRA - Locked Rotor Amps
FSC - Fan Speed Controller

Designation	MSXM034ML	MSXM034ML	MSXM046ML	MSXM046ML	MSXM057ML	MSXM057ML	MSXM068ML	MSXM068ML	MSXM080ML	MSXM080ML	MSXM099ML
Code Number	114X7061	114X7062	114X7063	114X7064	114X7065	114X7066	114X7067	114X7068	114X7069	114X7070	114X7071
Compressor Description	MLZ015T5	MLZ015T4	MLZ021T5	MLZ021T4	MLZ026T5	MLZ026T4	MLZ030T5	MLZ030T4	MLZ038T5	MLZ038T4	MLZ045T4
Oil	215PZ-POE46215PZ-POE46215PZ-POE46215PZ-POE46215PZ-POE46215PZ-POE46215PZ-POE46215PZ-POE46215PZ-POE46215PZ-POE46										
Chassis	B2	B2	B2	B2	B2	B2	B3	B3	B3	B3	B3
Spare Parts											
Compressor single pack	121L8631	121L8629	121L8635	121L8633	121L8639	121L8637	121L8643	121L8641	121L8647	121L8645	121L8649
Condenser	118U3493	118U3493	118U3493	118U3493	118U3493	118U3493	118U3494	118U3494	118U3494	118U3494	118U3494
Dual pressure switch	060-539766	060-539766	060-539766	060-539766	060-539766	060-539766	060-539766	060-539766	060-539766	060-539766	060-539766
Fan assembly							118U3829	118U3829	118U3829	118U3829	118U3829
Fan blade	118U3481	118U3481	118U3481	118U3481	118U3481	118U3481					
Fan capacitor	118U3297	118U3297	118U3297	118U3297	118U3297	118U3297					
Fan cowl/grill	118U3484	118U3484	118U3484	118U3484	118U3484	118U3484	118U3485	118U3485	118U3485	118U3485	118U3485
Fan motor	118U3823	118U3823	118U3823	118U3823	118U3823	118U3823	118U3829	118U3829	118U3829	118U3829	118U3829
Filter drier	023Z5041	023Z5041	023Z5041	023Z5041	023Z5041	023Z5041	023Z5044	023Z5044	023Z5044	023Z5044	023Z5044
Liquid valve	118U3761	118U3761	118U3761	118U3761	118U3761	118U3761	118U3761	118U3761	118U3761	118U3761	118U3761
Receiver	118U3475	118U3475	118U3475	118U3475	118U3475	118U3475	118U3476	118U3476	118U3476	118U3476	118U3476
Sight glass	014L0173	014L0173	014L0173	014L0173	014L0173	014L0173	014L0173	014L0173	014L0173	014L0173	014L0173
Suction valve	118U3762	118U3762	118U3762	118U3762	118U3762	118U3762	118U3763	118U3763	118U3763	118U3763	118U3763
Electrical Spare Parts											
Crankcase heater	120Z5040	120Z5040	120Z5040	120Z5040	120Z5040	120Z5040	120Z5040	120Z5040	120Z5040	120Z5040	120Z5040
Contact kit	118U3895	118U3893	118U3895	118U3867	118U3895	118U3867	118U3868	118U3896	118U3868	118U3896	118U3896
Main switch kit	118U3869	118U3872	118U3870	118U3873	118U3870	118U3873	118U3871	118U3873	118U3871	118U3874	118U3874
Overload relay	118U3879	118U3875	118U3880	118U3876	118U3880	118U3877	118U3880	118U3877	118U3881	118U3878	118U3878
Run capacitor	8173231		120Z0051		120Z0051		8173233		8173234		
Sequence phase relay	118U3882	118U3882	118U3882	118U3882	118U3882	118U3882	118U3882	118U3882	118U3882	118U3882	118U3882
Starting capacitor											
Starting relay											
Electrical Characteristics											
Wiring Diagram	WD3	WD6	WD3	WD6	WD3	WD6	WD4	WD5	WD4	WD5	WD5
LRA Compressor [A]	60	30	97	45	97	45	127	60	130	70	82
MCC Compressor [A]	19	7	25	9.5	26	10	32	13	38	15	15
Max cont.power [kW]	2.53	2.73	3.38	3.33	4.42	4.14	4.89	4.88	5.77	5.78	7.01
MCC Fan [A]	0.47	0.47	0.47	0.47	0.47	0.47	0.97	0.97	0.97	0.97	0.97
Fan Power [W]	1x68	1x68	1x68	1x68	1x68	1x68	1x130	1x130	1x130	1x130	1x130
Min Fuse rating gL/gG (A)	25	10	32	16	32	16	40	16	40	20	20
Accessories (Not Premounted)											
Acoustic hood	120Z5043	120Z5043	120Z5043	120Z5043	120Z5043	120Z5043	120Z5044	120Z5044	120Z5044	120Z5044	120Z5044
FSC Male connection	061H3142	061H3142	061H3142	061H3142	061H3142	061H3142	061H3142	061H3142	061H3142	061H3142	061H3142
FSC Female connection	061H3140	061H3140	061H3140	061H3140	061H3140	061H3140	061H3140	061H3140	061H3140	061H3140	061H3140

MCC - Max Continuous Current
LRA - Locked Rotor Amps
FSC - Fan Speed Controller

Designation	MSXM108ML	MSHM010SC	MSHM012SC	MSHM015SC	MSHM018SC	MSYM026AJ	MSYM034AJ	MSYM026AJ	MSYM034AJ	MSYM024AJ	MSGM012SC
Code Number	114X7072	114X7077	114X7078	114X7079	114X7080	114X7083	114X7084	114X7093	114X7094	114X7097	114X7099
Compressor Description	MLZ048T4	SC10MLX	SC12MLX	SC15MLX	SC18MLX	CAJ4517Z	CAJ4519Z	TAJ4517Z	TAJ4519Z	CAJ9513Z	SC12G
Oil	215PZ-POE46					RL32HA/HT	RL32HA/HT	RL32HA/HT	RL32HA/HT	RL32HA/HT	
Chassis	B3	B1	B1	B1	B1	B2	B2	B2	B2	B2	B1
Spare Parts											
Compressor single pack	121L8651	195B0345	195B0323	195B0391	195B0624	118U3993	118U3994	118U3991	118U3989	118U3995	195B0050
Condenser	118U3494	118U3492	118U3492	118U3492	118U3492	118U3493	118U3493	118U3493	118U3493	118U3493	118U3492
Dual pressure switch	060-539766	060-539766	060-539766	060-539766	060-539766	060-539766	060-539766	060-539766	060-539766	060-539766	060-539766
Fan assembly	118U3829										
Fan blade		118U3480	118U3480	118U3480	118U3480	118U3481	118U3481	118U3481	118U3481	118U3481	118U3480
Fan capacitor		118U3296	118U3296	118U3296	118U3296	118U3297	118U3297	118U3297	118U3297	118U3297	118U3296
Fan cowl/grill	118U3485	118U3483	118U3483	118U3483	118U3483	118U3484	118U3484	118U3484	118U3484	118U3484	118U3483
Fan motor	118U3829	118U3477	118U3477	118U3477	118U3477	118U3823	118U3823	118U3823	118U3823	118U3823	118U3477
Filter drier	023Z5044	023Z5040	023Z5040	023Z5040	023Z5040	023Z5041	023Z5041	023Z5041	023Z5041	023Z5041	023Z5040
Liquid valve	118U3761	118U3414	118U3414	118U3414	118U3414	118U3761	118U3761	118U3761	118U3761	118U3761	118U3414
Receiver	118U3476	118U3474	118U3474	118U3474	118U3474	118U3475	118U3475	118U3475	118U3475	118U3475	118U3474
Sight glass	014L0173	014L0182	014L0182	014L0182	014L0182	014L0173	014L0173	014L0173	014L0173	014L0173	014L0182
Suction valve	118U3763	118U3414	118U3414	118U3414	118U3414	118U3761	118U3761	118U3761	118U3761	118U3761	118U3414
Electrical Spare Parts											
Crankcase heater	120Z5040	192H2096	192H2096	192H2096	192H2096	120Z0057	120Z0057	120Z0057	120Z0057	120Z0057	192H2096
Contact kit	118U3896	118U3893	118U3893	118U3893	118U3893	118U3896	118U3896	118U3893	118U3893	118U3894	118U3893
Main switch kit	118U3874	118U3980	118U3975	118U3975	118U3975	118U3976	118U3976	118U3872	118U3872	118U3976	
Overload relay	118U3878	118U3978	118U3875	118U3875	118U3875	118U3877	118U3878	118U3978	118U3978	118U3877	118U3875
Run capacitor											
Sequence phase relay	118U3882										
Starting capacitor				5802							
Starting relay				117U6013							
Electrical Characteristics											
Wiring Diagram	WD5	WD1	WD1	WD1	WD2	WD2	WD2	WD7	WD7	WD2	WD1
LRA Compressor [A]	87	18.4	23.4	23.5	23.6	38.5	45	18	22	33.5	12.4
MCC Compressor [A]	16	4.8	5.7	6.2	6.1	12.7	15.2	4	4.8	10.2	3.17
Max cont.power [kW]	7.55	0.78	0.93	1.17	1.28	2	2.74	2.09	2.7	1.75	0.812
MCC Fan [A]	0.97	0.32	0.32	0.32	0.32	0.47	0.47	0.47	0.47	0.47	0.32
Fan Power [W]	1x130	1x25	1x25	1x25	1x25	1x68	1x68	1x68	1x68	1x68	1x25
Min Fuse rating gL/gG (A)	20	10	10	10	10	16	16	10	10	16	10
Accessories (Not Premounted)											
Acoustic hood	120Z5044										
FSC Male connection	061H3142	061H3142	061H3142	061H3142	061H3142	061H3142	061H3142	061H3142	061H3142	061H3142	061H3142
FSC Female connection	061H3140	061H3140	061H3140	061H3140	061H3140	061H3140	061H3140	061H3140	061H3140	061H3140	061H3140

MCC - Max Continuous Current
LRA - Locked Rotor Amps
FSC - Fan Speed Controller

Designation	MSGM015SC	MSGM018SC	MSGM021SC	MSGM026AJ	MSGM033AJ	MSYM009MY	MSYM012MP	MSYM014MP	MSYM018AJ
Code Number	114X7100	114X7101	114X7102	114X7103	114X7104	114X7108	114X7109	114X7110	114X7111
Compressor Description	SC15G	SC18G	SC21G	CAJ4492Y	CAJ4511Y	MLY90RAb	MPT12RA	MPT14RA	CAJ9510Z
Oil				RL32HA/HT	RL32HA/HT	POE32	POE32	POE32	RL32HA/HT
Chassis	B1	B1	B1	B2	B2	B1	B1	B1	B2
Spare Parts									
Compressor single pack	195B0053	195B0059	195B0636	118U3997	118U3996	123B2514	123B2518	123B2704	118U3988
Condenser	118U3492	118U3492	118U3492	118U3493	118U3493	118U3492	118U3492	118U3492	118U3493
Dual pressure switch	060-539766	060-539766	060-539766	060-539766	060-539766	060-539766	060-539766	060-539766	060-539766
Fan assembly									
Fan blade	118U3480	118U3480	118U3480	118U3481	118U3481	118U3480	118U3480	118U3480	118U3481
Fan capacitor	118U3296	118U3296	118U3296	118U3297	118U3297	118U3296	118U3296	118U3296	118U3297
Fan cowl/grill	118U3483	118U3483	118U3483	118U3484	118U3484	118U3483	118U3483	118U3483	118U3484
Fan motor	118U3477	118U3477	118U3477	118U3823	118U3823	118U3477	118U3477	118U3477	118U3823
Filter drier	023Z5040	023Z5040	023Z5040	023Z5041	023Z5041	023Z5040	023Z5040	023Z5040	023Z5041
Liquid valve	118U3414	118U3414	118U3414	118U3761	118U3761	118U3414	118U3414	118U3414	118U3414
Receiver	118U3474	118U3474	118U3474	118U3475	118U3475	118U3474	118U3474	118U3474	118U3475
Sight glass	014L0182	014L0182	014L0182	014L0173	014L0173	014L0182	014L0182	014L0182	014L0173
Suction valve	118U3414	118U3414	118U3414	118U3764	118U3764	118U3414	118U3414	118U3414	118U3414
Electrical Spare Parts									
Crankcase heater	192H2096	192H2096	192H2096	120Z0459	120Z0459	192H2096	192H2096	192H2096	192H2096
Contactor kit	118U3893	118U3893	118U3893	118U3894	118U3894	118U3894	118U3894	118U3894	118U3894
Main switch kit						118U3980	118U3975	118U3975	118U3975
Overload relay	118U3875	118U3875	118U3875	118U3876	118U3876	118U3978	118U3876	118U3876	118U3876
Run capacitor									
Sequence phase relay									
Starting capacitor									
Starting relay									
Electrical Characteristics									
Wiring Diagram	WD1	WD1	WD2	WD1	WD1	WD8	WD8	WD8	WD8
LRA Compressor [A]	14.8	18.6	21.8	28	30	17	18.5	21	30
MCC Compressor [A]	3.88	4.34	4.6	8.9	8.6	5.3	5.3	6.5	8
Max cont.power [kW]	0.819	0.945	0.936	1.43	1.69	0.62	0.84	1.03	1.3
MCC Fan [A]	0.32	0.32	0.32	0.47	0.47	0.32	0.32	0.32	0.47
Fan Power [W]	1x25	1x25	1x25	1x68	1x68	1x25	1x25	1x25	1x68
Min Fuse rating gL/gG (A)	10	10	10	16	16	10	10	10	10
Accessories (Not Premounted)									
Acoustic hood									
FSC Male connection	061H3142	061H3142	061H3142	061H3142	061H3142	061H3142	061H3142	061H3142	061H3142
FSC Female connection	061H3140	061H3140	061H3140	061H3140	061H3140	061H3140	061H3140	061H3140	061H3140

MCC - Max Continuous Current

LRA - Locked Rotor Amps

FSC - Fan Speed Controller

Catalogue

Spareparts & accessories list

Component type	Component code	Component description	Additional informations
Acoustic Hood	120Z0575	ACOUSTIC HOOD COMP 1CYL	
Acoustic Hood	120Z5043	ACCOUSTIC HOOD - SMALL FRAME	
Acoustic Hood	120Z5044	Acoustic hood for Scroll MLZ compressor	
Acoustic Hood	120Z5045	ACCOUSTIC HOOD, LARGE FRAME	
Acoustic Hood	120Z5052	Sound Cover, LLZ013-018	
Capacitor	8173001	CAPACITOR 100µF 330V+R	
Capacitor	8173041	CAPACITOR 30µF 450V	
Capacitor	8173231	CAPACITOR 40 MICROFARAD	
Capacitor	117U5017	START CAPACITOR 80 mfd	
Capacitor	120Z0051	ACC CONDO 70µF 450V CE UL	
Compressor Single Pack	118U3751	TAJ4519Z - AJ1 range	Phased out & replaced by 118U3989 from SN: 054428CG3916
Compressor Single Pack	118U3769	CAJ2464Z - AJ1 range	Phased out & replaced by 118U3990 from SN: 054428CG3916
Compressor Single Pack	118U3770	TAJ4517Z - AJ1 range	Phased out & replaced by 118U3991 from SN: 054428CG3916
Compressor Single Pack	118U3779	CAJ2446Z - AJ1 range	Phased out & replaced by 118U3992 from SN: 054428CG3916
Compressor Single Pack	118U3810	CAJ4517Z - AJ1 range	Phased out & replaced by 118U3993 from SN: 054428CG3916
Compressor Single Pack	118U3811	CAJ4519Z - AJ1 range	Phased out & replaced by 118U3994 from SN: 054428CG3916
Compressor Single Pack	118U3912	CAJ9513Z - AJ1 range	Phased out & replaced by 118U3995 from SN: 054428CG3916
Compressor Single Pack	118U3914	FH2511Z	
Compressor Single Pack	118U3915	TFH2511Z	
Compressor Single Pack	118U3988	CAJ9510Z - AJ2 range	
Compressor Single Pack	118U3989	TAJ4519Z - AJ2 range	
Compressor Single Pack	118U3990	CAJ2464Z - AJ2 range	
Compressor Single Pack	118U3991	TAJ4517Z - AJ2 range	
Compressor Single Pack	118U3992	CAJ2446Z - AJ2 range	
Compressor Single Pack	118U3993	CAJ4517Z - AJ2 range	
Compressor Single Pack	118U3994	CAJ4519Z - AJ2 range	
Compressor Single Pack	118U3995	CAJ9513Z - AJ2 range	
Compressor Single Pack	118U3996	CAJ4511Y - AJ2 range	
Compressor Single Pack	118U3997	CAJ4492Y - AJ2 range	
Compressor Single Pack	120F0226	NTZ048-4LR1B	
Compressor Single Pack	120F0228	NTZ048-5LR1B	
Compressor Single Pack	120F0230	NTZ068-4LR1B	
Compressor Single Pack	120F0232	NTZ068-5LR1B	
Compressor Single Pack	121L8629	MLZ015T4LP9A	
Compressor Single Pack	121L8631	MLZ015T5LP9A	
Compressor Single Pack	121L8633	MLZ021T4LP9A	
Compressor Single Pack	121L8635	MLZ021T5LP9A	
Compressor Single Pack	121L8637	MLZ026T4LP9A	
Compressor Single Pack	121L8639	MLZ026T5LP9A	
Compressor Single Pack	121L8641	MLZ030T4LC9A	
Compressor Single Pack	121L8643	MLZ030T5LC9A	
Compressor Single Pack	121L8645	MLZ038T4LC9A	
Compressor Single Pack	121L8647	MLZ038T5LC9A	
Compressor Single Pack	121L8649	MLZ045T4LC9A	
Compressor Single Pack	121L8651	MLZ048T4LC9A	
Compressor Single Pack	121L9535	LLZ013T4LQ9A	
Compressor Single Pack	121L9537	LLZ015T4LQ9A	
Compressor Single Pack	121L9539	LLZ018T4LQ9A	
Compressor Single Pack	123B2126	MPT14LA	
Compressor Single Pack	123B2127	MPT16LA	
Compressor Single Pack	123B2514	MLY90RAb	
Compressor Single Pack	123B2518	MPT12RA	
Compressor Single Pack	123B2704	MPT14RA	
Compressor Single Pack	195B0050	SC12G	
Compressor Single Pack	195B0053	SC15G	
Compressor Single Pack	195B0059	SC18G	
Compressor Single Pack	195B0323	SC12MLX	
Compressor Single Pack	195B0332	SC18CLX.2	
Compressor Single Pack	195B0345	SC10MLX	
Compressor Single Pack	195B0391	SC15MLX	
Compressor Single Pack	195B0399	SC15CLX.2	
Compressor Single Pack	195B0624	SC18MLX	

Catalogue

Spareparts & accessories list

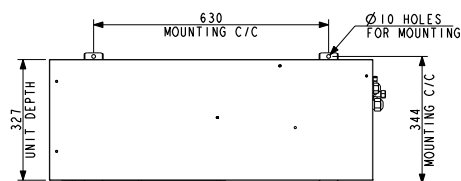
Component type	Component code	Component description	Additional informations
Compressor Single Pack	195B0636	SC21G	
Condenser	118U3492	A7	
Condenser	118U3493	D7	
Condenser	118U3494	G7	
Contacteur kit	118U3867	KIT CONT, SCHNEIDER-LC1E2501M6	
Contacteur kit	118U3868	KIT CONT, SCHNEIDER-LC1E3801M6	
Contacteur kit	118U3893	KIT CONT, SCHNEIDER-LC1E0901M5	
Contacteur kit	118U3894	KIT CONT, SCHNEIDER-LC1E1201M5	
Contacteur kit	118U3895	KIT CONT, SCHNEIDER-LC1E3201M5	
Contacteur kit	118U3896	KIT CONT, SCHNEIDER-LC1E1801M5	
Contacteur kit	118U3898	KIT CONT, SCHNEIDER-LC1E3801M6	
Crankcase heater	120Z0057	Belt type, 50 W, 230 V, CE mark, UL	
Crankcase heater	120Z0459	PTC heater 27 W, CE mark, UL	
Crankcase heater	120Z5040	Belt type, 70 W, 240 V, CE mark, UL	
Crankcase heater	192H2096	Crankcase heater 55W * use 118U00051	
Door Handle	118U3858	HANDLE, ABB-OHB2AJM,MSMN,OX55X131	
Dual pressure switch	060-539766	KP 17 WB	
Fan assembly	118U3829	Fan assembly	
Fan blade	118U3480	Fan blade	
Fan blade	118U3481	Fan blade	
Fan capacitor	118U3296	1,8 µF	
Fan capacitor	118U3297	3,5 µF	
Fan cowl/grill	118U3483	Ä, 356 mm	
Fan cowl/grill	118U3484	Ä, 457 mm	
Fan cowl/grill	118U3485	Ä, 609 mm	
Fan motor (Capacitor not included)	118U3477	25 W	
Fan motor (Capacitor not included)	118U3823	68 W	
Fan speed control Female connection	061H3140		
Fan speed control Male connection	061H3142		
Filter drier	023Z5040	DML083	
Filter drier	023Z5041	DML084	
Filter drier	023Z5044	DML164	
Liquid valve	118U3414	Brazed Service Valve 3/8"	
Liquid valve	118U3761	Brazed Service Valve 1/2"	
Main switch kit	118U3869	C60H2P25AC	
Main switch kit	118U3870	C60H2P32AC	
Main switch kit	118U3871	C60H2P40AC	
Main switch kit	118U3872	C60H4P10AC	
Main switch kit	118U3873	C60H4P16AC	
Main switch kit	118U3874	C60H4P20AC	
Main switch kit	118U3975	KIT CIRCUITBREAKER,C60H2P10A	
Main switch kit	118U3976	KIT CIRCUITBREAKER,C60H2P16A	
Main switch kit	118U3980	KIT CIRCUITBREAKER, SCHNEIDER-A9N2P06C	
Oil	-	POE32 for Light Commercial (MLY / MPT)	
Oil	-	RL32HA/HT for light Commercial (CAJ/FH/TAJ/TFH)	
Oil	120Z0638	1 litre can of 175PZ - POE (NTZ Platform)	CU with a SN above 051220CG3016
Oil	120Z0639	2,5 litre can of 175PZ - POE (NTZ Platform)	CU with a SN above 051220CG3016
Oil	120Z0648	1 litre can of 215PZ - POE46 (MLZ & LLZ Platform)	CU with a SN above 051220CG3016
Overload relay	118U3875	KIT OL-RELAY, SCHNEIDER-LRE12+LAEB2	
Overload relay	118U3875	KIT OL-RELAY, SCHNEIDER-LRE12+LAEB2	
Overload relay	118U3876	KIT OL-RELAY, SCHNEIDER-LRE14+LAEB2	
Overload relay	118U3876	KIT OL-RELAY, SCHNEIDER-LRE14+LAEB2	
Overload relay	118U3877	KIT OL-RELAY, SCHNEIDER-LRE16+LAEB2	
Overload relay	118U3877	KIT OL-RELAY, SCHNEIDER-LRE16+LAEB2	
Overload relay	118U3878	KIT OL-RELAY, SCHNEIDER-LRE21+LAEB2	
Overload relay	118U3878	KIT OL-RELAY, SCHNEIDER-LRE21+LAEB2	
Overload relay	118U3879	KIT OL-RELAY, SCHNEIDER-LRE22+LAEB2	
Overload relay	118U3879	KIT OL-RELAY, SCHNEIDER-LRE22+LAEB2	
Overload relay	118U3880	KIT OL-RELAY, SCHNEIDER-LRE32+LAEB2	
Overload relay	118U3880	KIT OL-RELAY, SCHNEIDER-LRE32+LAEB2	
Overload relay	118U3881	KIT OL-RELAY, SCHNEIDER-LRE35+LAEB2	
Overload relay	118U3978	KIT OL-RELAY, SCHNEIDER-LRE1	

Catalogue

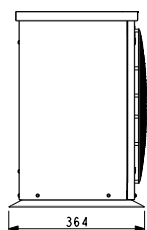
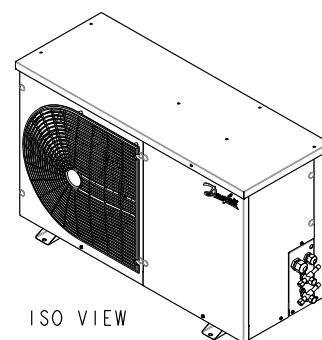
Spareparts & accessories list

Component type	Component code	Component description	Additional informations
Receiver	118U3474	1,3 L	
Receiver	118U3475	3,4 L	
Receiver	118U3476	6,2 L	
Relay	8173022	STARTING RELAY TYPE RVA6AMKL	
Relay	117U6013	STARTING RELAY	
Run capacitor	8173231	Run capacitor 440V, 40 µF	
Run capacitor	8173233	Run capacitor 440V,50 µF	
Run capacitor	8173234	Run capacitor 440V,55 µF	
Run capacitor	120Z0051	Run capacitor 70 µF	
Sequence phase relay	118U3882	SM500-MG73BF	
Sight glass	014L0173	SGP 12 N	
Sight glass	014L0182	SGP 10s N	
Suction valve	118U3762	Brazed Service Valve 3/4"	
Suction valve	118U3763	Brazed Service Valve 7/8"	
Suction valve	118U3764	Brazed Service Valve 5/8"	

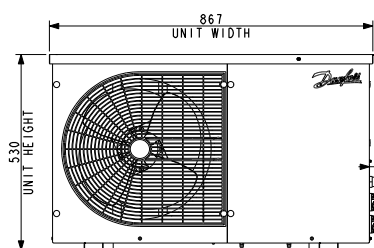
Housing B1



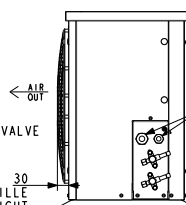
TOP VIEW



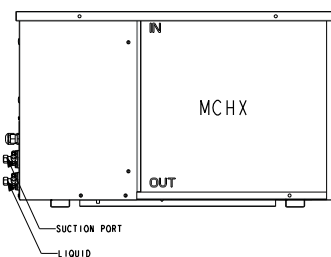
LH VIEW



FRONT VIEW

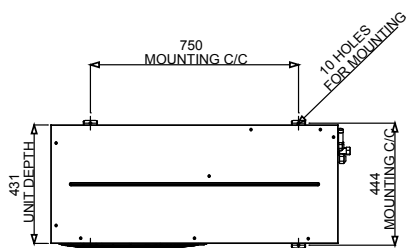


RH VIEW

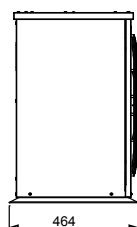
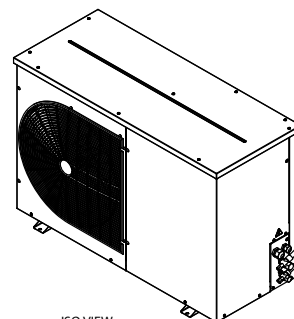


BACK VIEW

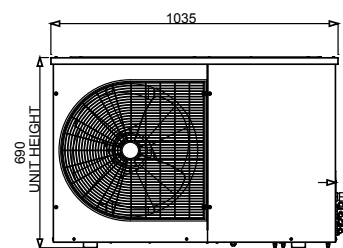
Housing B2



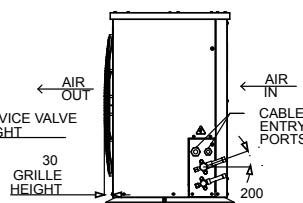
TOP VIEW



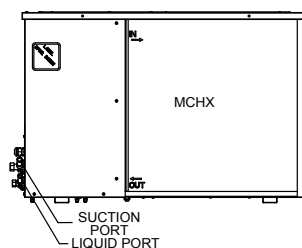
LH VIEW



FRONT VIEW

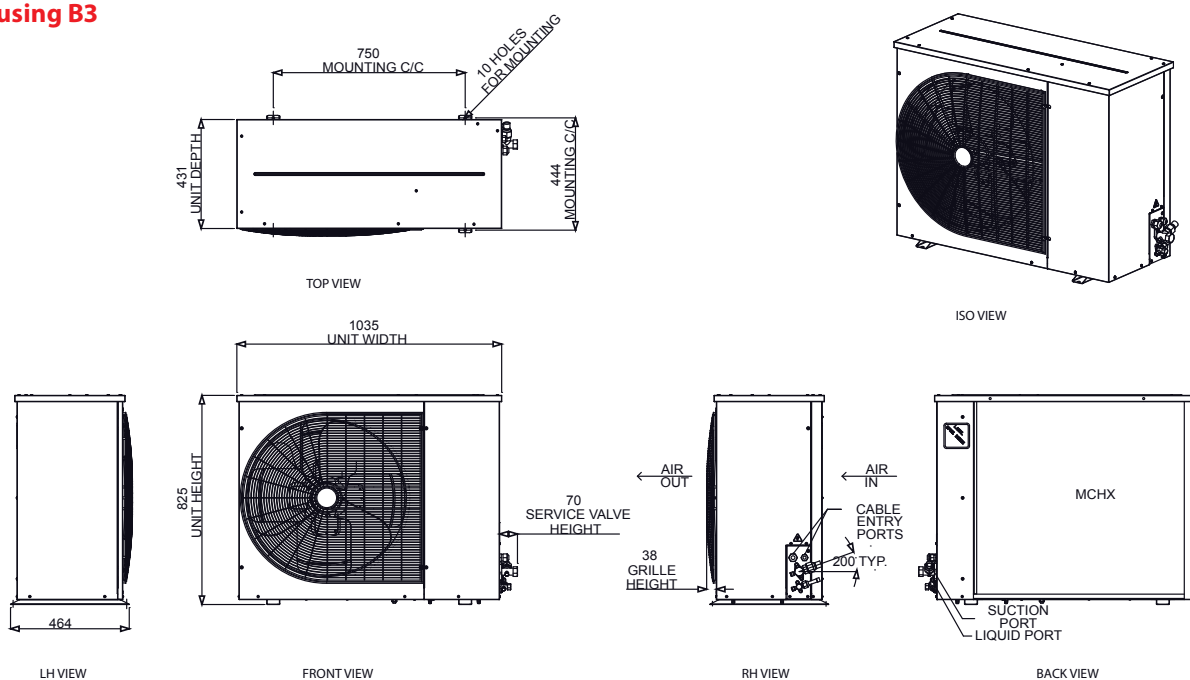


RH VIEW

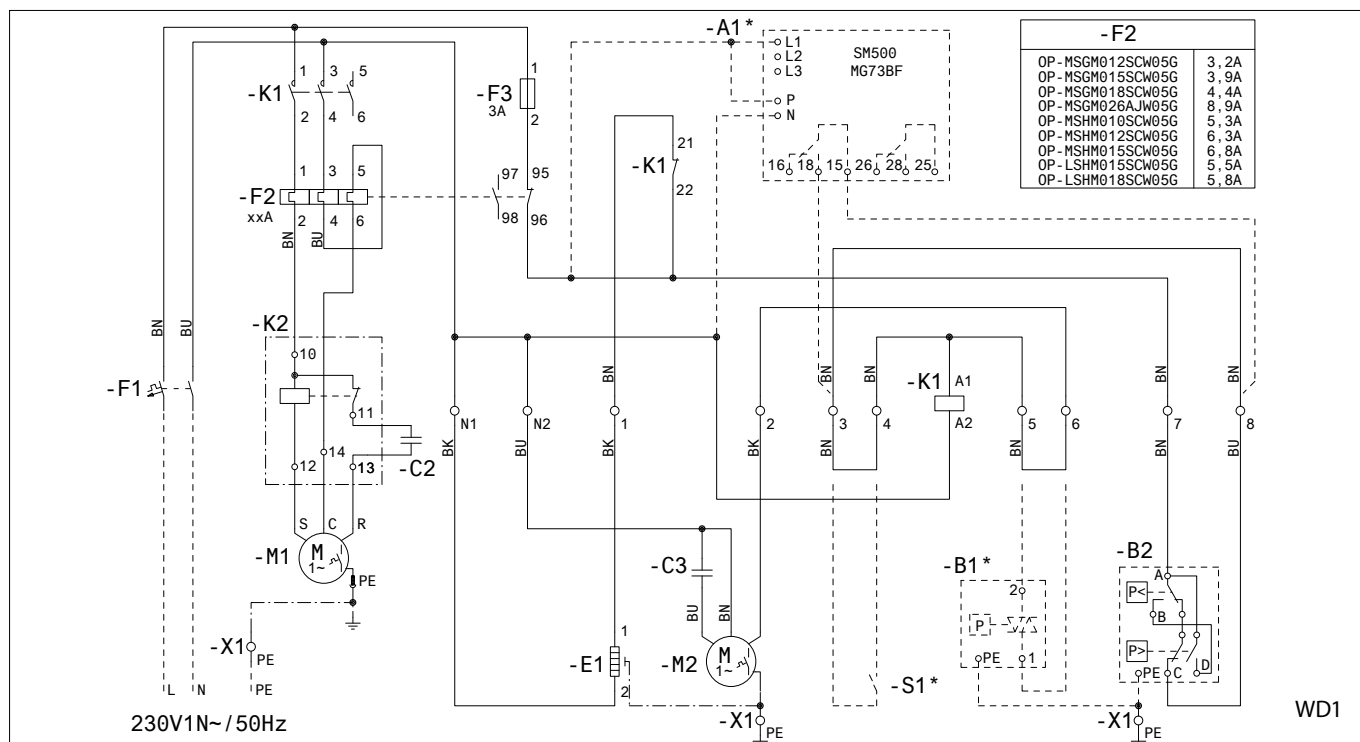


BACK VIEW

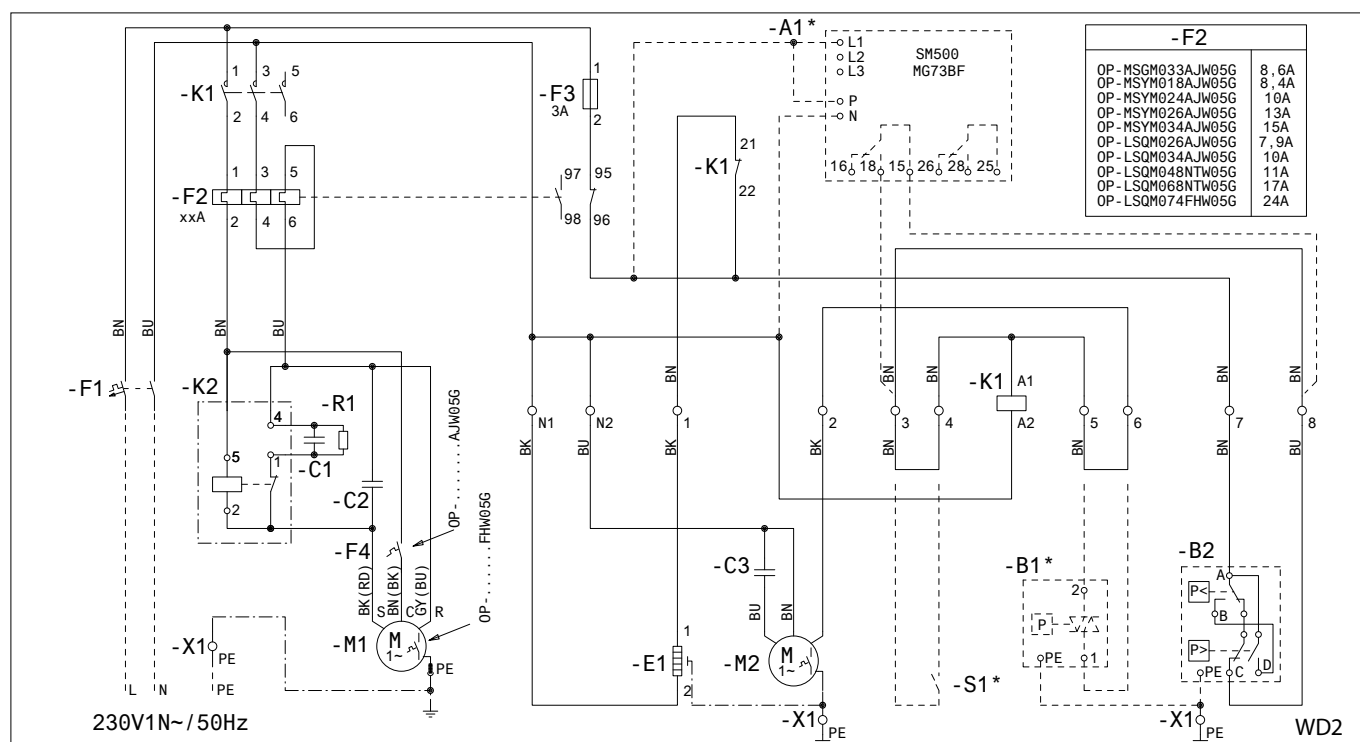
Housing B3



Code G : OP-MSHM010 - 012 - 015, OP-LSHM015 - 018, OP-MSGM012 - 015 - 018 - 026



Code G : OP-LSQM026 - 034 - 048 - 068 - 074, OP-MSGM033, OP-MSHM018, OP-MSYM018 - 024 - 026 - 034



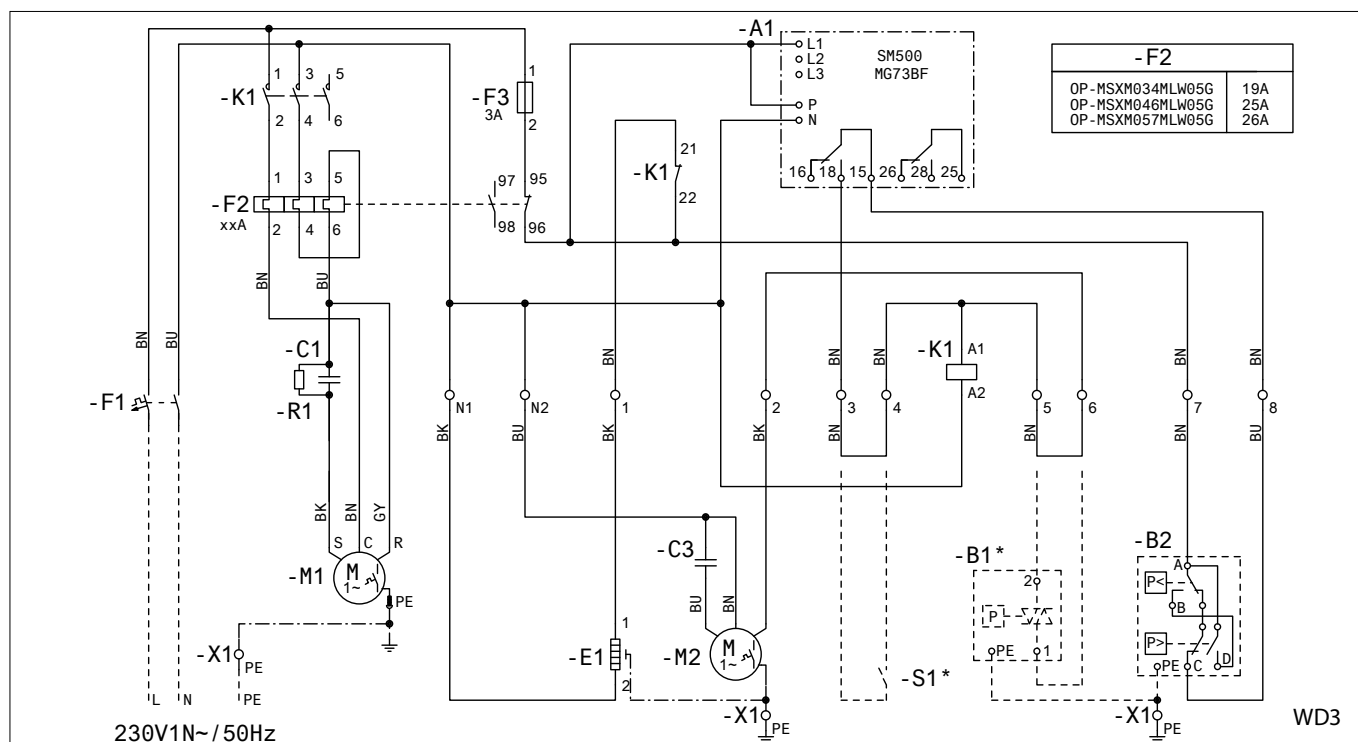
Legend

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

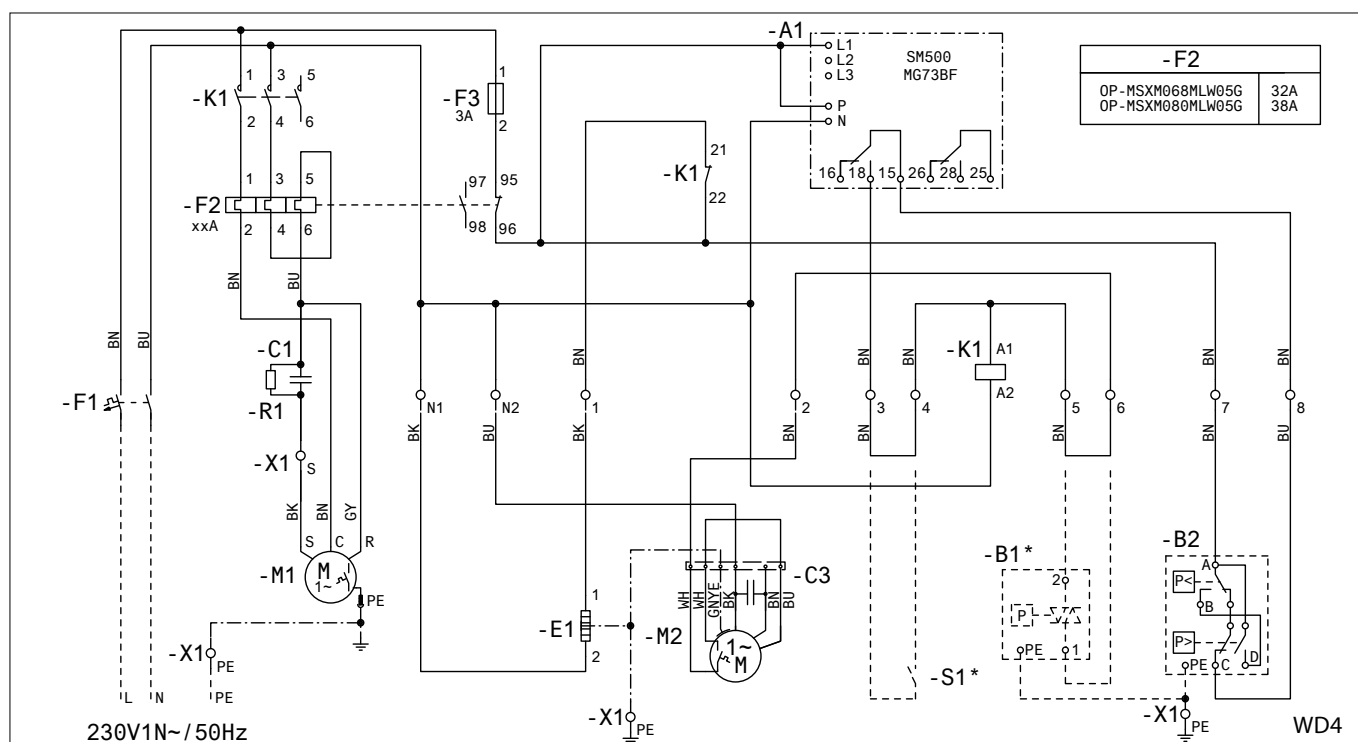
A1* Voltage relay (option)
B1* Fan speed controller (option)
B2 High and Low pressure switch
C1 Start capacitor compressor
C2 № 1: Start capacitor compressor
№ 2: Run capacitor compressor
C3 Run capacitor fan
E1 Crankcase heater
F1 Main switch
F2 Overload relay

F3 Fuse control circuit
F4 Compressor thermal protector
M1 Compressor
M2 Fan motor
K1 Contactor
K2 Start relay
R1 Bleeder resistor
S1* Room thermostat (option)
X1 Terminals
* Option (remove bridge)

Code G : OP-MSXM034 - 046 - 057



Code G : OP-MSXM068 - 080



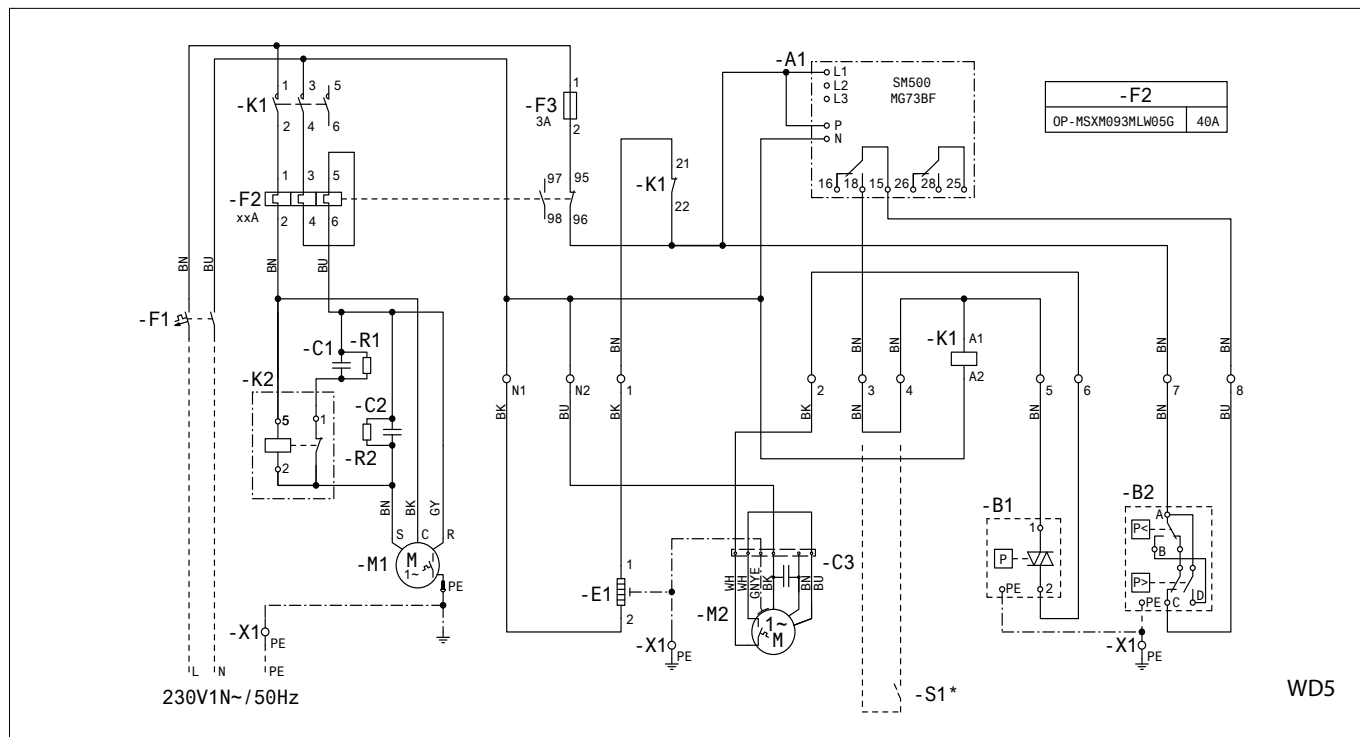
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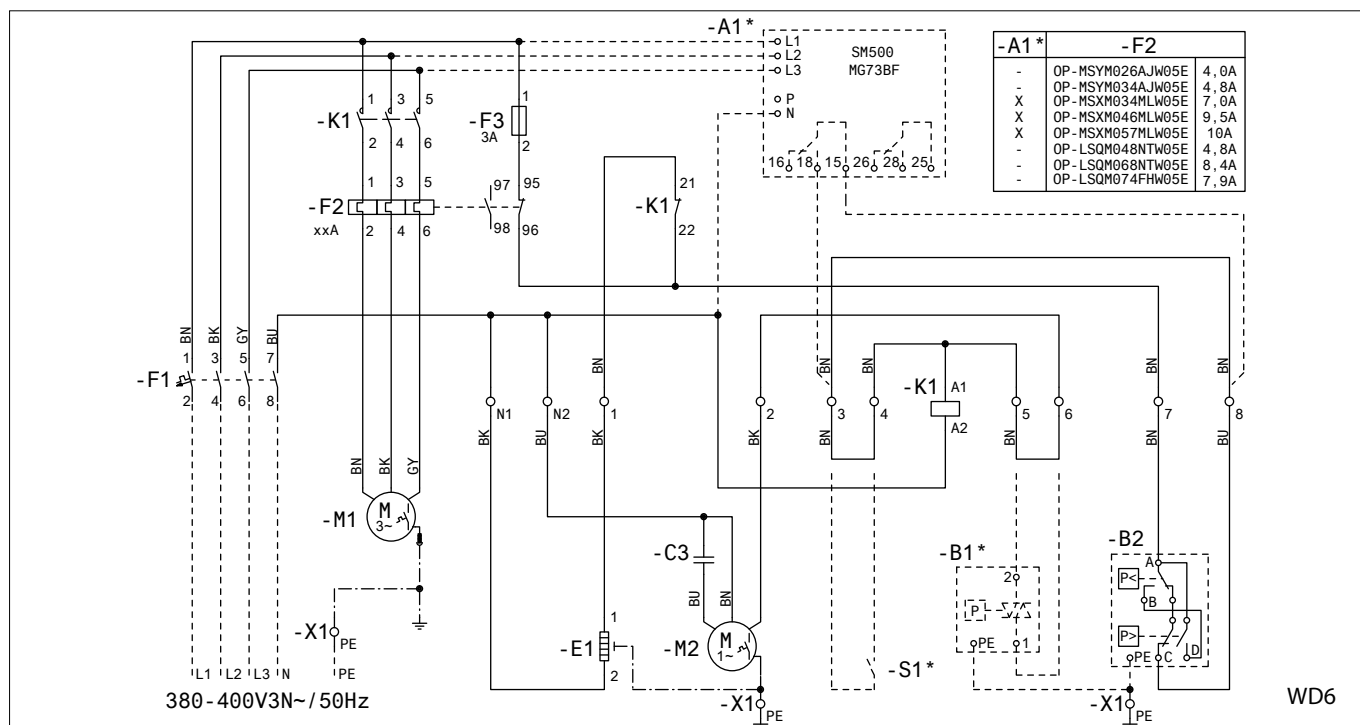
A1 Voltage relay
B1* Fan speed controller (option)
B2 High and Low pressure switch
C1 Run capacitor compressor
C3 Run capacitor fan
E1 Crankcase heater
F1 Main switch
F2 Overload relay
F3 Fuse control circuit

M1 Compressor
M2 Fan motor
K1 Contactor
K2 Start relay
R1 Bleeder resistor
S1* Room thermostat (option)
X1 Terminals
* Option (remove bridge)

Code G : OP-MSXM093



Code E : OP-LSQM048 - 068 - 074, OP-MSYM026 - 034, OP-MSXM034 - 046 - 057



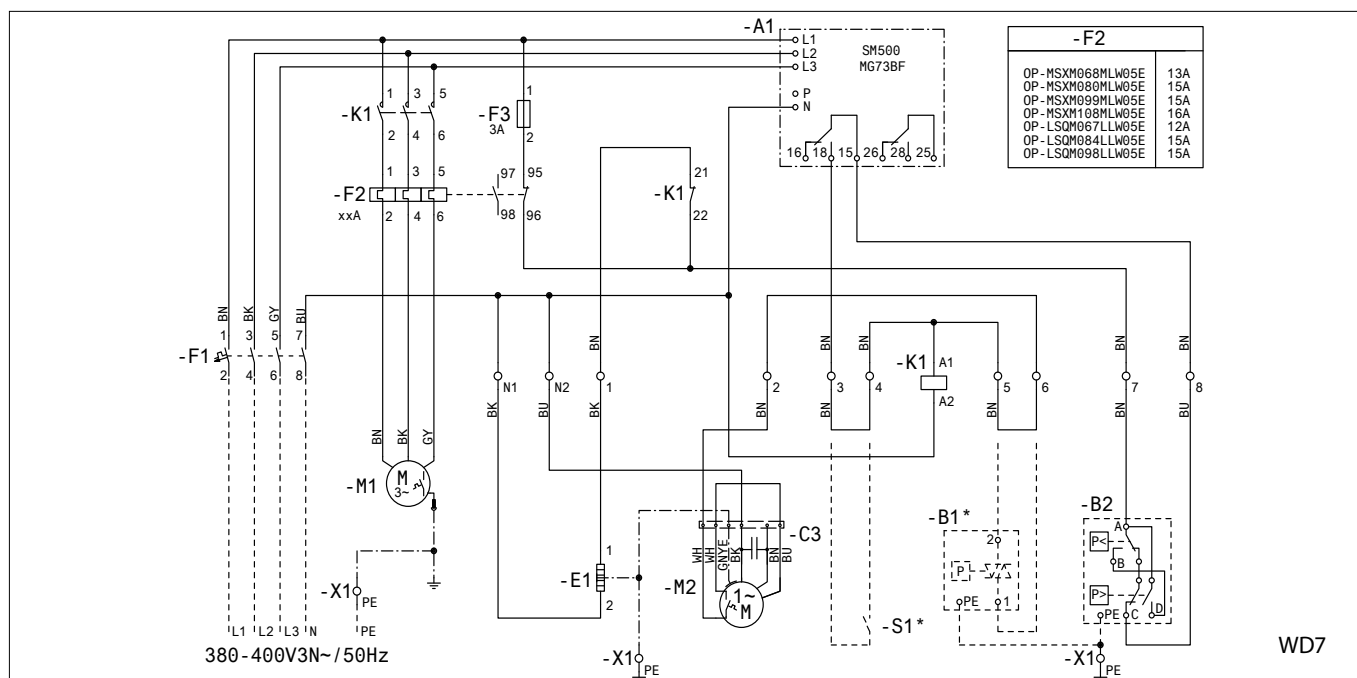
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GY grey
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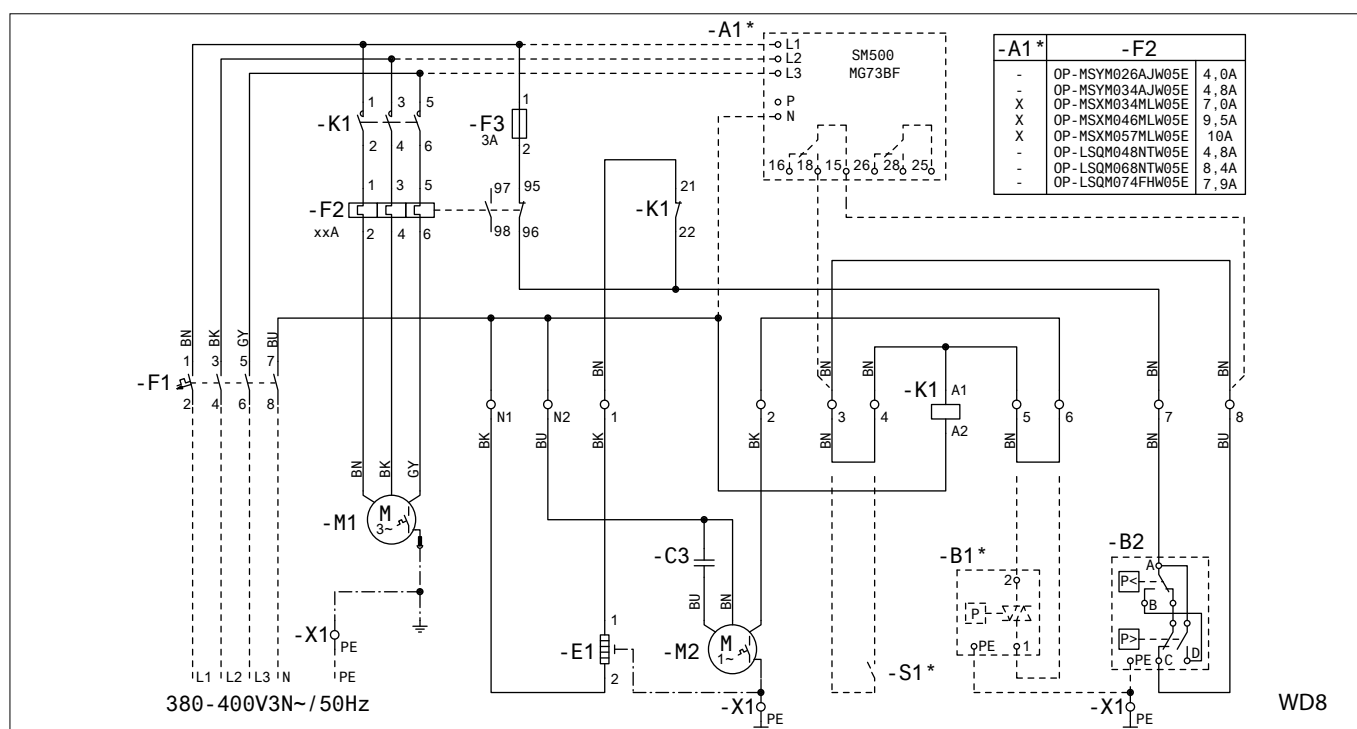
A1* Voltage relay (option)
B1* Fan speed controller (option)
B2 High and Low pressure switch
C1 Start capacitor compressor
C2 Run capacitor compressor
C3 Run capacitor fan
E1 Crankcase heater
F1 Main switch
F2 Overload relay
F3 Fuse control circuit

M1 Compressor
M2 Fan motor
K1 Contactor
K2 Start relay
R1, R2 Bleeder resistor
S1* Room thermostat (option)
X1 Terminals
* Option (remove bridge)

Code E : OP-MSXM068 - 080 - 099 - 108, OP-LSQM067 - 084 - 098



Code E : OP-LSQM048 - 068 - 074, OP-MSYM026 - 034, OP-MSXM034 - 046 - 057



Legend

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

A1* Voltage relay (option)
B1* Fan speed controller (option)
B2 High and Low pressure switch
C1 Start capacitor compressor
C2 Run capacitor compressor
C3 Run capacitor fan
E1 Crankcase heater
F1 Main switch
F2 Overload relay
F3 Fuse control circuit

M1 Compressor
M2 Fan motor
K1 Contactor
K2 Start relay
R1, R2 Bleeder resistor
S1* Room thermostat (option)
X1 Terminals
* Option (remove bridge)

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Danfoss Light Commercial Refrigeration Compressors



Danfoss Maneurop Reciprocating Compressors



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