

Model

Designation	NLE11MF.2	220-240V/50Hz 1~	Sales code:	105G6197
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Compressor design

Oil type	Polyolester	Refrigerant(s)	R134a
Oil viscosity	19,2cSt	Displacement	11,15cm³ / 0,68cu.in
Oil quantity	301cm³ / 10,2fl.oz	Compressors on pallet	80
Refr. charge - tech. limit	600g / 21,2oz		
Free gas volume comp.	2360cm³ / 79,8fl.oz		
Weight	10,9kg / 24lbs		
Motor protection	1# internal		
Winding resistance main	8,84Ω (at 25°C)		
Winding resistance aux	19,04Ω (at 25°C)		
Max. winding temp.	125°C / 257°F		
Max. discharge temp.	120°C / 248°F		



General - Configurations with NLE11MF.2

	Conf. 1	Conf. 2	Conf. 3	Conf. 4	Conf. 5
Motorconfiguration	CSIR	RSIR	CSIR	RSIR	RSCR
Power supply (nominal)	220-230V/50Hz	220-230V/50Hz	220-240V/50Hz	220-240V/50Hz	220-240V/50Hz
Number of phases	1	1	1	1	1
Voltage range	198-242V	198-242V	198-254V	198-254V	198-254V
Approvals	VDE, CCC	VDE, CCC	VDE, CCC	VDE, CCC	VDE, CCC
Starting torque	HST	LST	HST	LST	LST
Note	- / -				

Applications with NLE11MF.2

	Conf. 1	Conf. 2	Conf. 3	Conf. 4	Conf. 5
Refrigerant	R134a	R134a	R134a	R134a	R134a
Application	MBP	MBP	MBP	MBP	MBP
System cooling	fan 3m/s	fan 3m/s	fan 3m/s	fan 3m/s	fan 3m/s
Hot gas defrost	OK	OK	OK	OK	OK
Long interval pull down	OK	OK	OK	OK	OK

Electrical data - Configurations with NLE11MF.2

	Conf. 1	Conf. 2	Conf. 3	Conf. 4	Conf. 5
Starting device type	relay	PTC	relay	PTC	PTC
Run capacitor	-/-	-/-	-/-	-/-	4μF
Start capacitor	80μF	-/-	80μF	-/-	-/-
LRA (locked rotor amps / 4s)	13,12A	11,43A	13,12A	11,43A	11,43A
RLA (rated load amps / 1s)	2,29A	2,29A	2,29A	2,29A	2,29A
Cut in current	13,12A	15,67A	13,12A	15,67A	15,67A
IP class	21	21	21	21	21

Model

Designation

NLE11MF.2

220-240V/50Hz 1~

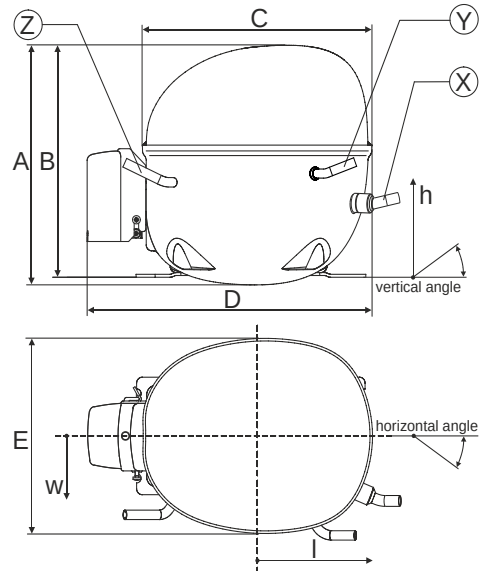
Sales code:

105G6197

Compressor dimensions

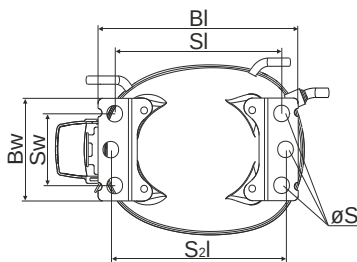
Housing	A Height	203mm / 7,99in
	B Height	197mm / 7,76in
	C Length shell	205mm / 8,07in
	D Length w. cover	254mm / 10in
	E Width	166mm / 6,54in

Connectors	Suction X	Discharge Y	Process Z
Diameter [mm]	øi 8,11-8,29	øi 6,11-6,29	øi 6,11-6,29
(i:inside, o:outside) [in]	øi 0,32-0,33	øi 0,24-0,25	øi 0,24-0,25
Material	copper	copper	copper
Horizontal angle ±2°	0°	0°	0°
Vertical angle ±2°	15°	21°	155°
Position l/h/w [mm]	132/69/56	94/99/86	-111/92/72
[in]	5,2/2,7/2,2	3,7/3,9/3,4	-4,4/3,6/2,8
Straight tube l. [mm]	12	12	12
[in]	0,5	0,5	0,5

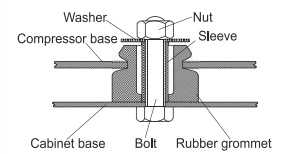


Compressor fixation

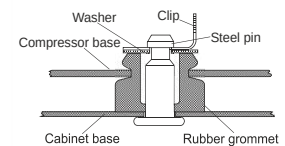
Bolt joint



Baseplate	[mm]	[inch]
BI	204	8.03
BW	100	3.94
Small holes	[mm]	[inch]
SI	170	6.7
SW	70	2.76
S2l	178	7
øS	ø 16	ø 0.63



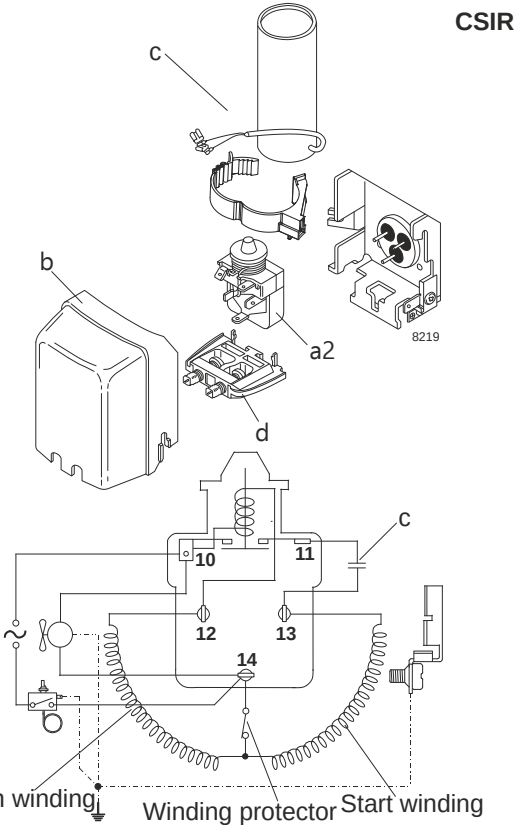
Snap-on



Mounting accessories

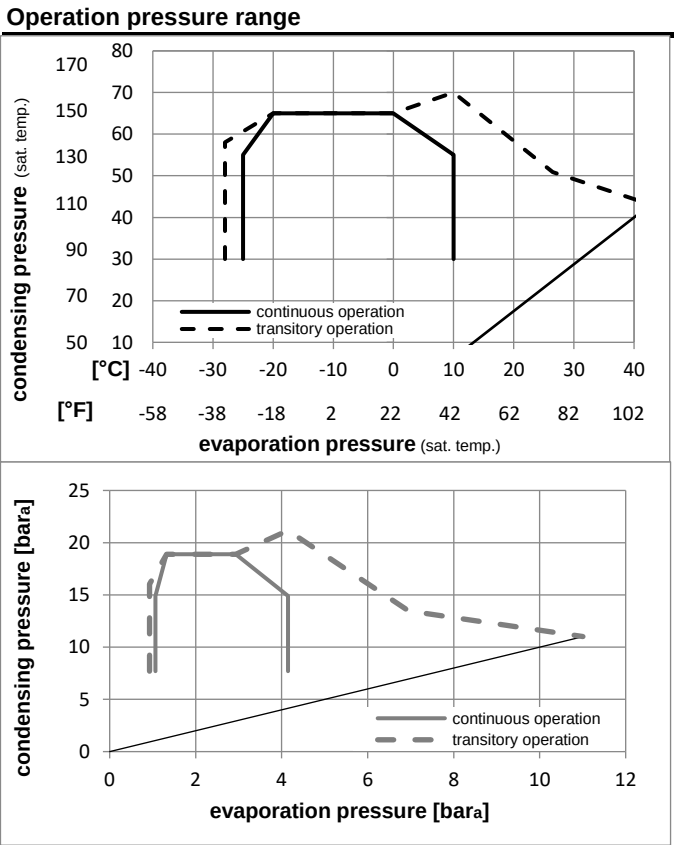
	one comp.	multi pack
Bolt joint M6 ø16mm	118-1917	118-1918
Bolt joint ø1/4" ø16mm	118-1946	
Snap-on ø7,3 ø16mm	118-1947	118-1919

Model				
Designation	NLE11MF.2	220-230V/50Hz	Conf. 1	Sales code: 105G6197

Configuration		Electrical accessories / wiring diagram		
Motorconfiguration	CSIR	CSIR 		
Power supply (nominal)	220-230V/50Hz 1~			
Refrigerant	R134a			
Application	MBP			
Voltage range	198-242V			
Starting torque	HST	Main winding Winding protector Start winding		
Approvals	VDE CCC			

Ambient temperatures / system cooling	
Ambient temperature min.:	10°C / 50°F
Ambient temperature max.:	43°C / 110°F

System cooling (n/a: outside limits)			
T ambient	LBP	MBP	HBP
32°C / 90°F	n/a	fan 3m/s	n/a
38°C / 100°F	n/a	fan 3m/s	n/a
43°C / 110°F	n/a	fan 3m/s	n/a



Components		
a2	assy. relay	117U6003
c	start capacitor (80μF)	117U5015
b	plastic cover	103N2010
d	cord relief	103N1010

Alternative components		
b	plastic cover	103N2011

Model

Designation	NLE11MF.2	220-230V/50Hz	Conf. 1	Sales code:	105G6197
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Optimization + standard conditions

220-230V/50Hz 1~, CSIR, fan 3m/s, VDE, CCC

Evaporating pressure (saturation temperature) Condensing pressure (saturation temperature) Return gas temp. Liquid temp. Cooling capacity COP EER Power consumption Current consumption Ref. mass flow														
	pe	pc	RGT	Tliq	[W]	[Btu/h]	[kcal/h]	[W/W]	[Btu/Wh]	[kcal/Wh]	P1	I	m	
[°C]	-6,66	54,4	35	46,1							[W]	[A]	[kg/h]	ASHRAE
[°F]	20	130	95	115	681,3	2327	586,3	1,88	6,42	1,62	362,6	2,19	14,86	MBP
[°C]	-10	55	32	55	527,2	1800	453,7	1,57	5,38	1,35	334,9	2,11	12,75	cecomaf
[°F]	14	131	89,6	131										MBP
[°C]	-10	45	20	45	600,7	2051	516,9	1,90	6,50	1,64	315,7	2,05	14,06	EN12900
[°F]	14	113	68	113										MBP
[°C]	-6,66	48,9	18,3	48,9	651,3	2224	560,5	1,87	6,37	1,61	349,1	2,15	16,09	ARI540
[°F]	20	120	65	120										MBP
[°C]	-10	45	32	45	623,2	2128	536,3	1,97	6,74	1,70	315,7	2,05	13,64	opt
[°F]	14	113	89,6	113										
[°C]	-25	45	32	45	296,7	1013	255,3	1,34	4,58	1,15	221,1	1,78	6,43	opt
[°F]	-13	113	89,6	113										

Performance tables

220-230V/50Hz 1~, CSIR, fan 3m/s, VDE, CCC

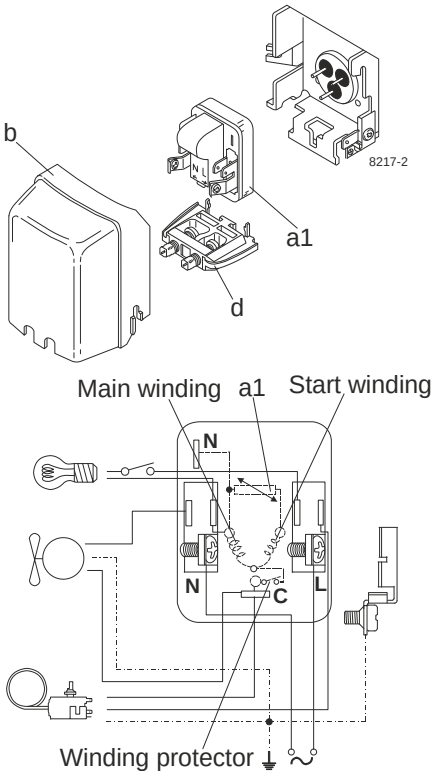
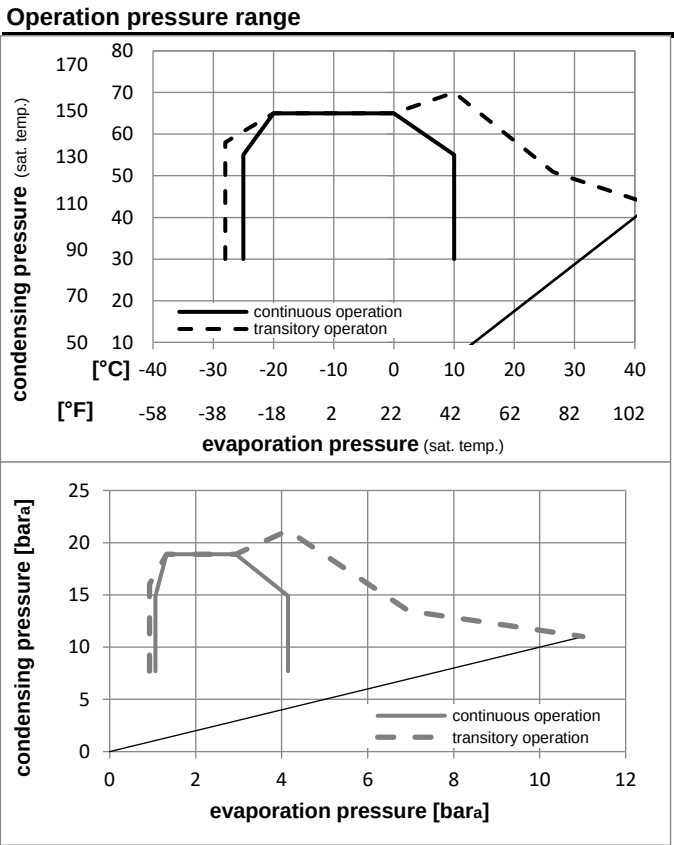
	pe	Cooling capacity			COP		EER		P1		I	m
	[°C]	[°F]	[W]	[Btu/h]	[kcal/h]	[W/W]	[Btu/Wh]	[kcal/Wh]	[W]	[A]	[kg/h]	
[°C / °F]	-25	-13	296,7	1013	255,3	1,34	4,58	1,15	221,1	1,78	6,43	
cond. pressure	-20	-4	386,5	1320	332,7	1,55	5,28	1,33	250,0	1,89	8,40	
pc= 45/113	-15	5	494,7	1690	425,8	1,76	5,99	1,51	281,9	1,97	10,78	
return gas temp.	-10	14	623,2	2128	536,3	1,97	6,74	1,70	315,7	2,05	13,64	
RGT= 32/90	0	32	948,9	3241	816,6	2,46	8,42	2,12	385,0	2,23	20,98	
liquid temp	5	41	1150,1	3928	989,8	2,75	9,38	2,36	418,5	2,35	25,60	
Tliq= 45/113	10	50	1379,5	4711	1187,2	3,07	10,47	2,64	449,9	2,49	30,95	
[°C / °F]	-25	-13	242,2	827	208,4	1,08	3,69	0,93	223,9	1,78	5,79	
cond. pressure	-20	-4	319,3	1090	274,8	1,24	4,25	1,07	256,6	1,89	7,66	
pc= 55/131	-15	5	413,6	1413	356,0	1,41	4,80	1,21	294,0	2,00	9,96	
return gas temp	-10	14	527,2	1800	453,7	1,57	5,38	1,35	334,9	2,11	12,75	
RGT= 32/90	0	32	819,9	2800	705,6	1,94	6,61	1,67	423,4	2,39	20,06	
liquid temp	5	41	1003,0	3425	863,2	2,14	7,30	1,84	468,9	2,58	24,72	
Tliq= 55/131	10	50	1213,2	4143	1044,1	2,36	8,06	2,03	514,0	2,80	30,16	

Model				
Designation	NLE11MF.2	220-230V/50Hz	Conf. 2	Sales code: 105G6197

Configuration		Electrical accessories / wiring diagram		
Motorconfiguration	RSIR	RSIR		
Power supply (nominal)	220-230V/50Hz 1~			
Refrigerant	R134a			
Application	MBP			
Voltage range	198-242V			
Starting torque	LST			
Approvals	VDE			
	CCC			

Ambient temperatures / system cooling	
Ambient temperature min.:	10°C / 50°F
Ambient temperature max.:	43°C / 110°F

System cooling (n/a: outside limits)			
T ambient	LBP	MBP	HBP
32°C / 90°F	n/a	fan 3m/s	n/a
38°C / 100°F	n/a	fan 3m/s	n/a
43°C / 110°F	n/a	fan 3m/s	n/a



Components		
a1	e-PTC starter (220V, 25Ohm, 4.8mm)	103N0050
b	plastic cover	103N2010
d	cord relief	103N1010

Alternative components		
b	plastic cover	103N2011

Model

Designation	NLE11MF.2	220-230V/50Hz	Conf. 2	Sales code:	105G6197
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Optimization + standard conditions

220-230V/50Hz 1~, RSIR, fan 3m/s, VDE, CCC

Evaporating pressure (saturation temperature) Condensing pressure (saturation temperature) Return gas temp. Liquid temp. Cooling capacity COP EER Power consumption Current consumption Ref. mass flow														
	pe	pc	RGT	Tliq	[W]	[Btu/h]	[kcal/h]	[W/W]	[Btu/Wh]	[kcal/Wh]	P1	I	m	
[°C]	-6,66	54,4	35	46,1							[W]	[A]	[kg/h]	ASHRAE
[°F]	20	130	95	115	681,3	2327	586,3	1,88	6,42	1,62	362,6	2,19	14,86	MBP
[°C]	-10	55	32	55	527,2	1800	453,7	1,57	5,38	1,35	334,9	2,11	12,75	cecomaf
[°F]	14	131	89,6	131										MBP
[°C]	-10	45	20	45	600,7	2051	516,9	1,90	6,50	1,64	315,7	2,05	14,06	EN12900
[°F]	14	113	68	113										MBP
[°C]	-6,66	48,9	18,3	48,9	651,3	2224	560,5	1,87	6,37	1,61	349,1	2,15	16,09	ARI540
[°F]	20	120	65	120										MBP
[°C]	-10	45	32	45	623,2	2128	536,3	1,97	6,74	1,70	315,7	2,05	13,64	opt
[°F]	14	113	89,6	113										
[°C]	-25	45	32	45	296,7	1013	255,3	1,34	4,58	1,15	221,1	1,78	6,43	opt
[°F]	-13	113	89,6	113										

Performance tables

220-230V/50Hz 1~, RSIR, fan 3m/s, VDE, CCC

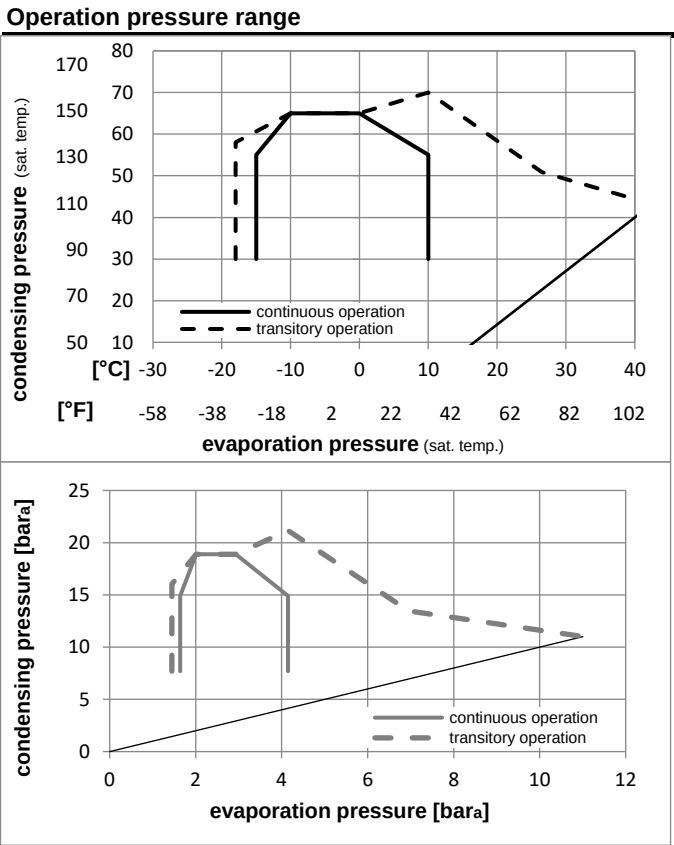
	pe	Cooling capacity			COP		EER		P1		I	m
	[°C]	[°F]	[W]	[Btu/h]	[kcal/h]	[W/W]	[Btu/Wh]	[kcal/Wh]	[W]	[A]	[kg/h]	
[°C / °F]	-25	-13	296,7	1013	255,3	1,34	4,58	1,15	221,1	1,78	6,43	
cond. pressure	-20	-4	386,5	1320	332,7	1,55	5,28	1,33	250,0	1,89	8,40	
pc= 45/113	-15	5	494,7	1690	425,8	1,76	5,99	1,51	281,9	1,97	10,78	
return gas temp.	-10	14	623,2	2128	536,3	1,97	6,74	1,70	315,7	2,05	13,64	
RGT= 32/90	0	32	948,9	3241	816,6	2,46	8,42	2,12	385,0	2,23	20,98	
liquid temp	5	41	1150,1	3928	989,8	2,75	9,38	2,36	418,5	2,35	25,60	
Tliq= 45/113	10	50	1379,5	4711	1187,2	3,07	10,47	2,64	449,9	2,49	30,95	
[°C / °F]	-25	-13	242,2	827	208,4	1,08	3,69	0,93	223,9	1,78	5,79	
cond. pressure	-20	-4	319,3	1090	274,8	1,24	4,25	1,07	256,6	1,89	7,66	
pc= 55/131	-15	5	413,6	1413	356,0	1,41	4,80	1,21	294,0	2,00	9,96	
return gas temp	-10	14	527,2	1800	453,7	1,57	5,38	1,35	334,9	2,11	12,75	
RGT= 32/90	0	32	819,9	2800	705,6	1,94	6,61	1,67	423,4	2,39	20,06	
liquid temp	5	41	1003,0	3425	863,2	2,14	7,30	1,84	468,9	2,58	24,72	
Tliq= 55/131	10	50	1213,2	4143	1044,1	2,36	8,06	2,03	514,0	2,80	30,16	

Model				
Designation	NLE11MF.2	220-240V/50Hz	Conf. 3	Sales code: 105G6197

Configuration		Electrical accessories / wiring diagram		
Motorconfiguration	CSIR	CSIR		
Power supply (nominal)	220-240V/50Hz 1~			
Refrigerant	R134a			
Application	MBP			
Voltage range	198-254V			
Starting torque	HST			
Approvals	VDE			
	CCC			

Ambient temperatures / system cooling	
Ambient temperature min.:	10°C / 50°F
Ambient temperature max.:	43°C / 110°F

System cooling (n/a: outside limits)			
T ambient	LBP	MBP	HBP
32°C / 90°F	n/a	fan 3m/s	n/a
38°C / 100°F	n/a	fan 3m/s	n/a
43°C / 110°F	n/a	fan 3m/s	n/a



Components		
a2	assy. relay	117U6003
c	start capacitor (80μF)	117U5015
b	plastic cover	103N2010
d	cord relief	103N1010

Alternative components		
b	plastic cover	103N2011

Model

Designation	NLE11MF.2	220-240V/50Hz	Conf. 3	Sales code:	105G6197
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Optimization + standard conditions

220-240V/50Hz 1~, CSIR, fan 3m/s, VDE, CCC

Evaporating pressure (saturation temperature) Condensing pressure (saturation temperature) Return gas temp. Liquid temp. Cooling capacity COP EER Power consumption Current consumption Ref. mass flow														
	pe	pc	RGT	Tliq	[W]	[Btu/h]	[kcal/h]	[W/W]	[Btu/Wh]	[kcal/Wh]	P1	I	m	
[°C]	-6,66	54,4	35	46,1							[W]	[A]	[kg/h]	ASHRAE
[°F]	20	130	95	115	681,3	2327	586,3	1,88	6,42	1,62	362,6	2,19	14,86	MBP
[°C]	-10	55	32	55	527,2	1800	453,7	1,57	5,38	1,35	334,9	2,11	12,75	cecomaf
[°F]	14	131	89,6	131										MBP
[°C]	-10	45	20	45	600,7	2051	516,9	1,90	6,50	1,64	315,7	2,05	14,06	EN12900
[°F]	14	113	68	113										MBP
[°C]	-6,66	48,9	18,3	48,9	651,3	2224	560,5	1,87	6,37	1,61	349,1	2,15	16,09	ARI540
[°F]	20	120	65	120										MBP
[°C]	-10	45	32	45	623,2	2128	536,3	1,97	6,74	1,70	315,7	2,05	13,64	opt
[°F]	14	113	89,6	113										
[°C]	-25	45	32	45	296,7	1013	255,3	1,34	4,58	1,15	221,1	1,78	6,43	opt
[°F]	-13	113	89,6	113										

Performance tables

220-240V/50Hz 1~, CSIR, fan 3m/s, VDE, CCC

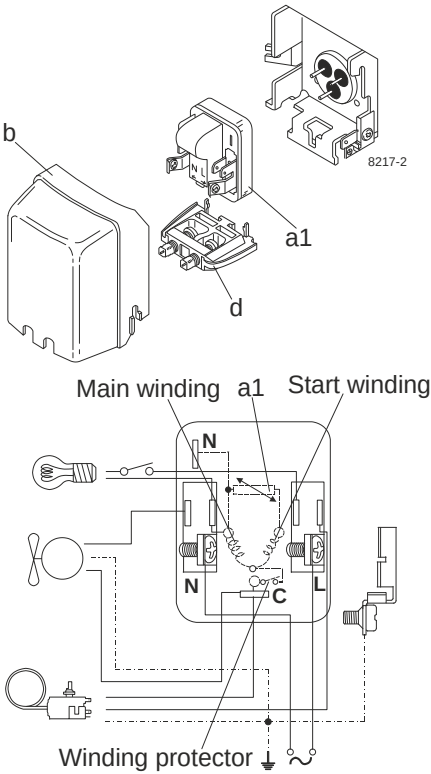
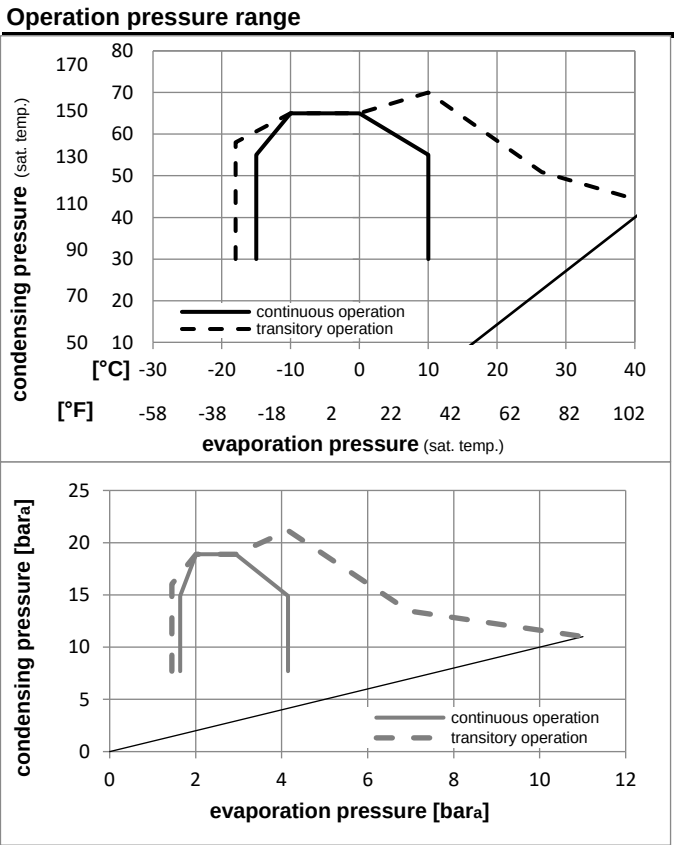
	pe	Cooling capacity			COP		EER		P1	I	m
	[°C]	[°F]	[W]	[Btu/h]	[kcal/h]	[W/W]	[Btu/Wh]	[kcal/Wh]			
[°C / °F]	-15	5	494,7	1690	425,8	1,76	5,99	1,51	281,9	1,97	10,78
cond. pressure	-10	14	623,2	2128	536,3	1,97	6,74	1,70	315,7	2,05	13,64
pc= 45/113	-6,7	20	720,0	2459	619,7	2,13	7,26	1,83	338,6	2,11	15,81
return gas temp.	0	32	948,9	3241	816,6	2,46	8,42	2,12	385,0	2,23	20,98
RGT= 32/90	5	41	1150,1	3928	989,8	2,75	9,38	2,36	418,5	2,35	25,60
liquid temp	7,2	45	1247,4	4260	1073,5	2,88	9,85	2,48	432,6	2,41	27,86
Tliq= 45/113	10	50	1379,5	4711	1187,2	3,07	10,47	2,64	449,9	2,49	30,95
[°C / °F]	-15	5	413,6	1413	356,0	1,41	4,80	1,21	294,0	2,00	9,96
cond. pressure	-10	14	527,2	1800	453,7	1,57	5,38	1,35	334,9	2,11	12,75
pc= 55/131	-6,7	20	613,6	2096	528,1	1,69	5,77	1,45	363,4	2,19	14,89
return gas temp	0	32	819,9	2800	705,6	1,94	6,61	1,67	423,4	2,39	20,06
RGT= 32/90	5	41	1003,0	3425	863,2	2,14	7,30	1,84	468,9	2,58	24,72
liquid temp	7,2	45	1092,1	3730	939,8	2,23	7,63	1,92	488,9	2,67	27,01
Tliq= 55/131	10	50	1213,2	4143	1044,1	2,36	8,06	2,03	514,0	2,80	30,16

Model				
Designation	NLE11MF.2	220-240V/50Hz	Conf. 4	Sales code: 105G6197

Configuration		Electrical accessories / wiring diagram		
Motorconfiguration	RSIR	RSIR		
Power supply (nominal)	220-240V/50Hz 1~			
Refrigerant	R134a			
Application	MBP			
Voltage range	198-254V			
Starting torque	LST			
Approvals	VDE			
	CCC			

Ambient temperatures / system cooling	
Ambient temperature min.:	10°C / 50°F
Ambient temperature max.:	43°C / 110°F

System cooling (n/a: outside limits)			
T ambient	LBP	MBP	HBP
32°C / 90°F	n/a	fan 3m/s	n/a
38°C / 100°F	n/a	fan 3m/s	n/a
43°C / 110°F	n/a	fan 3m/s	n/a



Components		
a1	e-PTC starter (220V, 25Ohm, 4.8mm)	103N0050
b	plastic cover	103N2010
d	cord relief	103N1010

Alternative components		
b	plastic cover	103N2011

Model

Designation	NLE11MF.2	220-240V/50Hz	Conf. 4	Sales code:	105G6197
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Optimization + standard conditions

220-240V/50Hz 1~, RSIR, fan 3m/s, VDE, CCC

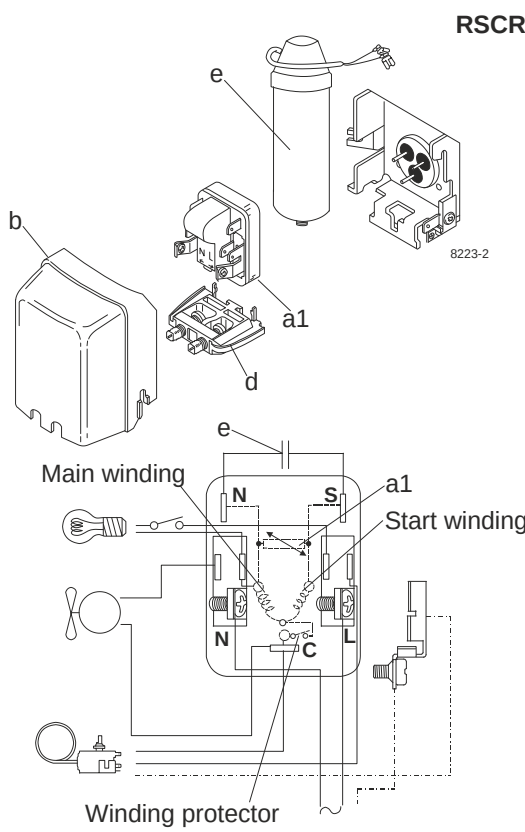
Evaporating pressure (saturation temperature) Condensing pressure (saturation temperature) Return gas temp. Liquid temp. Cooling capacity COP EER Power consumption Current consumption Ref. mass flow														
	pe	pc	RGT	Tliq	[W]	[Btu/h]	[kcal/h]	[W/W]	[Btu/Wh]	[kcal/Wh]	P1	I	m	
	[°C]	[°C]									[W]	[A]	[kg/h]	
ASHRAE MBP	-6,66	54,4	35	46,1	681,3	2327	586,3	1,88	6,42	1,62	362,6	2,19	14,86	
	[°F]													
	20	130	95	115										
cecomaf MBP	-10	55	32	55	527,2	1800	453,7	1,57	5,38	1,35	334,9	2,11	12,75	
	[°F]													
	14	131	89,6	131										
EN12900 MBP	-10	45	20	45	600,7	2051	516,9	1,90	6,50	1,64	315,7	2,05	14,06	
	[°F]													
	14	113	68	113										
ARI540 MBP	-6,66	48,9	18,3	48,9	651,3	2224	560,5	1,87	6,37	1,61	349,1	2,15	16,09	
	[°F]													
	20	120	65	120										
opt	-10	45	32	45	623,2	2128	536,3	1,97	6,74	1,70	315,7	2,05	13,64	
	[°F]													
	14	113	89,6	113										
opt	-25	45	32	45	296,7	1013	255,3	1,34	4,58	1,15	221,1	1,78	6,43	
	[°F]													
	-13	113	89,6	113										

Performance tables

220-240V/50Hz 1~, RSIR, fan 3m/s, VDE, CCC

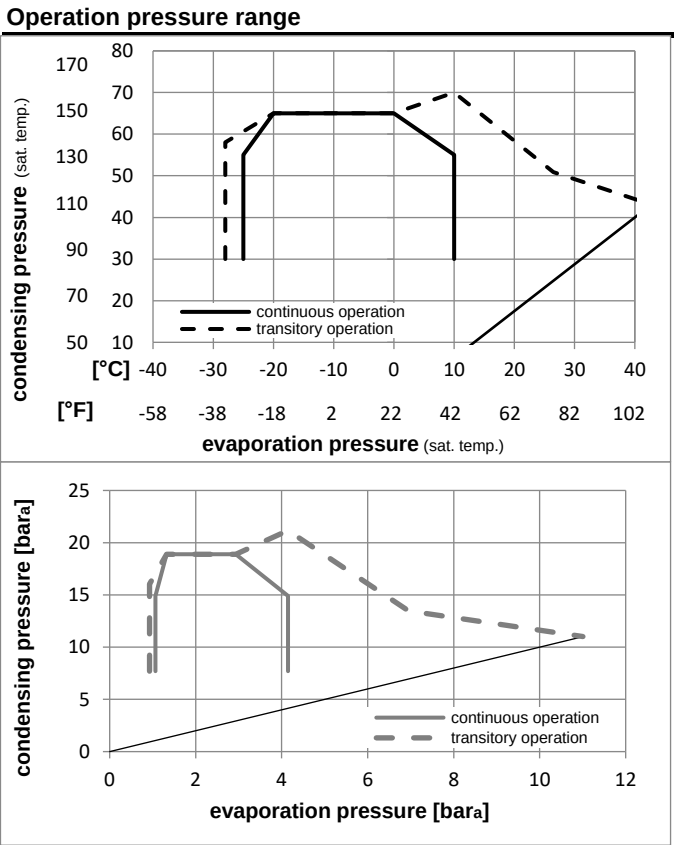
	pe	Cooling capacity			COP		EER		P1	I	m
	[°C]	[°F]	[W]	[Btu/h]	[kcal/h]	[W/W]	[Btu/Wh]	[kcal/Wh]	[W]	[A]	[kg/h]
[°C / °F]	-15	5	494,7	1690	425,8	1,76	5,99	1,51	281,9	1,97	10,78
cond. pressure	-10	14	623,2	2128	536,3	1,97	6,74	1,70	315,7	2,05	13,64
pc= 45/113	-6,7	20	720,0	2459	619,7	2,13	7,26	1,83	338,6	2,11	15,81
return gas temp.	0	32	948,9	3241	816,6	2,46	8,42	2,12	385,0	2,23	20,98
RGT= 32/90	5	41	1150,1	3928	989,8	2,75	9,38	2,36	418,5	2,35	25,60
liquid temp	7,2	45	1247,4	4260	1073,5	2,88	9,85	2,48	432,6	2,41	27,86
Tliq= 45/113	10	50	1379,5	4711	1187,2	3,07	10,47	2,64	449,9	2,49	30,95
[°C / °F]	-15	5	413,6	1413	356,0	1,41	4,80	1,21	294,0	2,00	9,96
cond. pressure	-10	14	527,2	1800	453,7	1,57	5,38	1,35	334,9	2,11	12,75
pc= 55/131	-6,7	20	613,6	2096	528,1	1,69	5,77	1,45	363,4	2,19	14,89
return gas temp	0	32	819,9	2800	705,6	1,94	6,61	1,67	423,4	2,39	20,06
RGT= 32/90	5	41	1003,0	3425	863,2	2,14	7,30	1,84	468,9	2,58	24,72
liquid temp	7,2	45	1092,1	3730	939,8	2,23	7,63	1,92	488,9	2,67	27,01
Tliq= 55/131	10	50	1213,2	4143	1044,1	2,36	8,06	2,03	514,0	2,80	30,16

Model				
Designation	NLE11MF.2	220-240V/50Hz	Conf. 5	Sales code: 105G6197

Configuration		Electrical accessories / wiring diagram		
Motorconfiguration	RSCR			
Power supply (nominal)	220-240V/50Hz 1~			
Refrigerant	R134a			
Application	MBP			
Voltage range	198-254V			
Starting torque	LST			
Approvals	VDE			
	CCC			

Ambient temperatures / system cooling	
Ambient temperature min.:	10°C / 50°F
Ambient temperature max.:	43°C / 110°F

System cooling (n/a: outside limits)			
T ambient	LBP	MBP	HBP
32°C / 90°F	n/a	fan 3m/s	n/a
38°C / 100°F	n/a	fan 3m/s	n/a
43°C / 110°F	n/a	fan 3m/s	n/a



Components		
a1	e-PTC starter (220V, 25Ohm, 4.8mm)	103N0050
e	run capacitor (4μF, 4.8mm)	117-7119
b	plastic cover	103N2010
d	cord relief	103N1010
	bracket for run capacitor	117-0300
	screw M4x8mm	117-0301

Alternative components		
b	plastic cover	103N2011

Model

Designation	NLE11MF.2	220-240V/50Hz	Conf. 5	Sales code:	105G6197
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Optimization + standard conditions

220-240V/50Hz 1~, RSCR, fan 3m/s, VDE, CCC

Evaporating pressure (saturation temperature)													
Condensing pressure (saturation temperature)													
Return gas temp.													
Liquid temp.													
Cooling capacity													
COP													
EER													
Power consumption													
Current consumption													
Ref. mass flow													
	pe	pc	RGT	Tliq	[W]	[Btu/h]	[kcal/h]	[W/W]	[Btu/Wh]	[kcal/Wh]	P1	I	m
[°C]	-6,66	54,4	35	46,1									
[°F]	20	130	95	115	690,3	2357	594,1	2,02	6,91	1,74	341,0	2,06	15,06
													ASHRAE MBP
[°C]	-10	55	32	55	534,2	1824	459,7	1,70	5,79	1,46	315,0	1,99	12,92
[°F]	14	131	89,6	131									cecomaf MBP
[°C]	-10	45	20	45	608,6	2079	523,8	2,05	7,00	1,76	296,9	1,93	14,25
[°F]	14	113	68	113									EN12900 MBP
[°C]	-6,66	48,9	18,3	48,9	659,9	2254	567,9	2,01	6,86	1,73	328,4	2,02	16,30
[°F]	20	120	65	120									ARI540 MBP
[°C]	-10	45	32	45	631,4	2156	543,4	2,13	7,26	1,83	296,9	1,93	13,82
[°F]	14	113	89,6	113									opt
[°C]	-25	45	32	45	300,6	1027	258,7	1,45	4,94	1,24	207,9	1,68	6,51
[°F]	-13	113	89,6	113									opt

Performance tables

220-240V/50Hz 1~, RSCR, fan 3m/s, VDE, CCC

	pe	Cooling capacity			COP			EER			P1	I	m
	[°C]	[°F]	[W]	[Btu/h]	[kcal/h]	[W/W]	[Btu/Wh]	[kcal/Wh]	[W]	[A]	[kg/h]		
[°C / °F]	-15	5	494,7	1690	425,8	1,76	5,99	1,51	281,9	1,97	10,78		
cond. pressure	-10	14	623,2	2128	536,3	1,97	6,74	1,70	315,7	2,05	13,64		
pc= 45/113	-6,7	20	720,0	2459	619,7	2,13	7,26	1,83	338,6	2,11	15,81		
return gas temp.	0	32	948,9	3241	816,6	2,46	8,42	2,12	385,0	2,23	20,98		
RGT= 32/90	5	41	1150,1	3928	989,8	2,75	9,38	2,36	418,5	2,35	25,60		
liquid temp	7,2	45	1247,4	4260	1073,5	2,88	9,85	2,48	432,6	2,41	27,86		
Tliq= 45/113	10	50	1379,5	4711	1187,2	3,07	10,47	2,64	449,9	2,49	30,95		
[°C / °F]	-15	5	413,6	1413	356,0	1,41	4,80	1,21	294,0	2,00	9,96		
cond. pressure	-10	14	527,2	1800	453,7	1,57	5,38	1,35	334,9	2,11	12,75		
pc= 55/131	-6,7	20	613,6	2096	528,1	1,69	5,77	1,45	363,4	2,19	14,89		
return gas temp	0	32	819,9	2800	705,6	1,94	6,61	1,67	423,4	2,39	20,06		
RGT= 32/90	5	41	1003,0	3425	863,2	2,14	7,30	1,84	468,9	2,58	24,72		
liquid temp	7,2	45	1092,1	3730	939,8	2,23	7,63	1,92	488,9	2,67	27,01		
Tliq= 55/131	10	50	1213,2	4143	1044,1	2,36	8,06	2,03	514,0	2,80	30,16		