

Model
KLE4.0GFMX

Sales code:
106G6403

Compressor Data

Refrigerant(s)	R134a / R513A
Refr. charge - tech. limit	300g / 10.58oz
Weight	8.30 kg / 18.30lbs
Displacement	4.00 cm³ / 0.24cu.in
Compressors on pallet	100



General – Configurations With KLE4.0GFMX

-	Conf. 1	Conf. 2	Conf. 3	Conf. 4	Conf. 5	Conf. 6
Motor configuration	CSIR	CSIR	CSIR	CSIR	CSIR	CSIR
Power supply (nominal)	115-127 V/60 Hz	100-127 V/60 Hz	100 V/50 Hz	115-127 V/60 Hz	100-127 V/60 Hz	100 V/50 Hz
Number of phases	1	1	1	1	1	1
Voltage range	95-140 V	90-140 V	90-110 V	95-140 V	90-140 V	90-110 V
Approvals	UL, CCC, CB	UL, CCC, CB	UL, CCC, CB	UL, CCC, CB	UL, CCC, CB	UL, CCC, CB
Starting torque	HST	HST	HST	HST	HST	HST
Refrigerant	R134a	R134a	R134a	R513A	R513A	R513A
Application	LBP+MBP+HBP	LBP+MBP	MBP	LBP+MBP+HBP	LBP+MBP	MBP
Hot gas defrost	OK	OK	OK	OK	OK	OK
Long interval pull down	OK	OK	OK	OK	OK	OK

Application Notes

- Provision for PE Grounding is located at the PE Stamp on the compressor
- Suctiongas connector and Process connector can be switched (minor loss of cooling capacity)
- Good robustness against liquid intake.
- Ice-cube maker optimization - indirect suction intake.

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Compressor Design

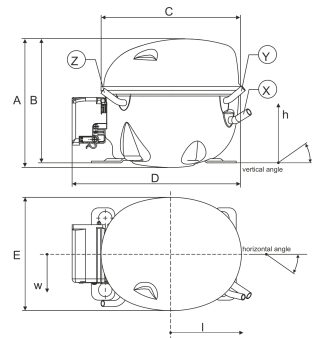
Oil type	POE	Winding resistance main	3.4 Ohm
Oil viscosity	19,2cSt	Winding resistance aux	8 Ohm
Oil quantity	200 / 6.76fl.oz	Max. winding temp.	125 °C
Free gas volume comp.	1,630 cm³ / 55.12fl.oz	Max. discharge temp.	130°C / 266°F
Motor protection	external		

Compressor Dimensions

Housing

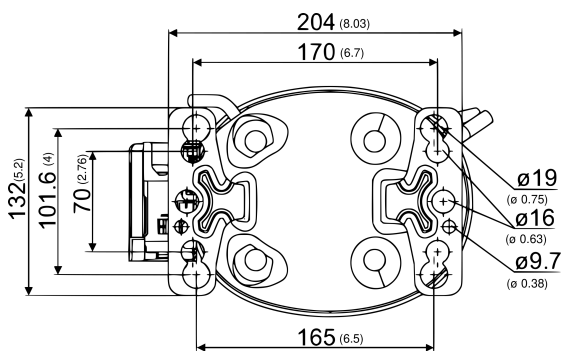
A Height	182mm / 7.17in
B Height	175mm / 6.89in
C Length shell	198mm / 7.80in
D Length w. cover	238mm / 9.37in
E Width	160mm / 6.30in

[Find 3D Model here](#)

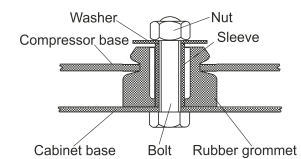


Connectors	Suction X	Discharge Y	Process Z
Diameter [mm]	øi 8.11–8.29 / 0.32–0.33in	øi 6.41–6.59 / 0.25–0.26in	øi 6.41–6.59 / 0.25–0.26in
Material	CU	CU	CU
Horizontal angle ±2°	35°	13°	0°
Vertical angle ±2°	30°	40°	145°
Position l/h/w [mm]	119/73/59 / 4.69/2.87/2.32in	117/107/66 / 4.61/4.21/2.60in	-88/101/71 / -3.46/3.98/2.80in
Straight tube l. [mm]	13.5 / 0.53in	13.5 / 0.53in	13.5 / 0.53in

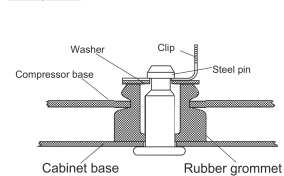
Mounting Accessories



Bolt joint



Snap-on



Dimensions in mm [in]

	one comp.	multi pack
Bolt joint M6 ø16mm	118-1917	118-1918
Bolt joint ø1/4" ø16mm	118-1946	-
Bolt joint ø1/4" ø19mm	118-1949	-
Snap-on ø7,3 ø16mm	118-1947	118-1919

Model

KLE4.0GFMX

Configuration 1

Sales code:

106G6403

Configuration

Motor configuration	CSIR
Power supply (nominal)	115-127 V/60 Hz 1~
Refrigerant	R134a
Application	LBP+MBP+HBP
Voltage range	95-140 V
Starting torque	HST
Approvals	UL, CCC, CB
Starting device type	relay
Run capacitor	-/-
Start capacitor	240 µF
LRA (locked rotor amps / 4s/ U(N))	21.2 A
RLA (rated load amps / 1s/ U(N))	2.7 A
Cut in current (U(N))	20.5 A

Ambient/ machine room temperatures minimum /maximum

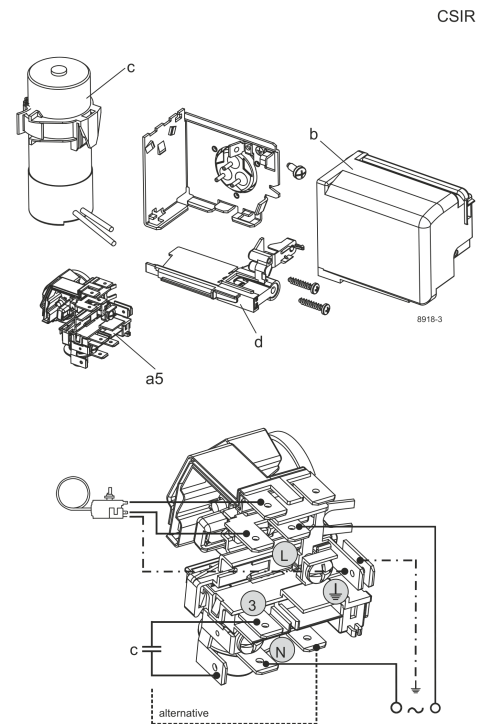
Ambient temperature range: 10 - 43°C / 50 - 109°F

Machine room temp. compressor: 10 - 48°C / 50 - 118°F

System Cooling

static

Electrical Accessories / Wiring Diagram



[View full size](#)

Components

a5 current relay (T0377/L6 S1) 117U7081

c start capacitor (240µF) 117U5002

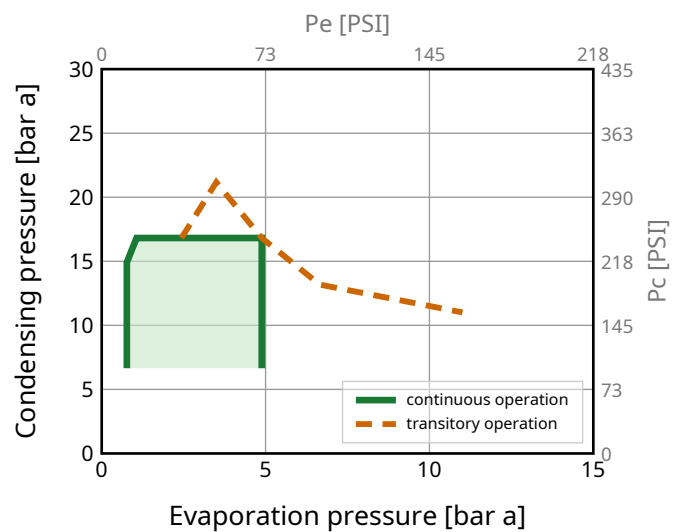
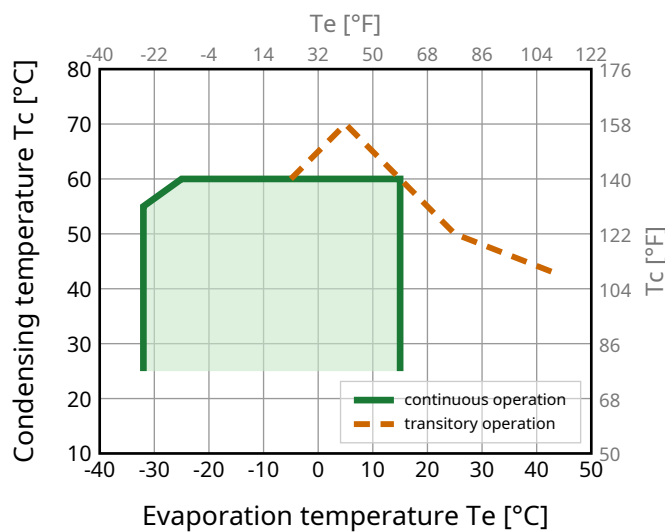
b, d cover + clamp + screws (5VA-compl.) 103N0600

Alternative components

b, d 100x cover + clamp + screws (5VA) 103N2060

b, d cover + clamp + screws (5VA) in bag 103N1060

Operation Pressure Range



Model
KLE4.0GFMX

Configuration 1

Sales code:
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Standard Conditions

R134a, 120 V/60 Hz, CSIR, static

pe	pc	RGT	Tliq	Cooling capacity			COP	EER	P	I	m	
[°C] [°F]	[°C] [°F]	[°C] [°F]	[°C] [°F]	[W]	[Btu/h]	[kcal/h]	[W/W]	[Btu/Wh]	[W]	[A]	[kg/h]	
-23.3 -10	54.4 129.9	32.2 90	32.2 90	117	400	101	1.17	4.00	100	1.73	2.27	ASHRAE LBP
-6.7 20	54.4 129.9	35 95	46.1 115	258	880	222	1.80	6.14	143	1.97	5.62	ASHRAE MBP
7.2 45	54.4 129.9	35 95	46.1 115	481	1640	413	2.62	8.92	184	2.22	10.64	ASHRAE HBP
-35 -31	40 104	20 68	40 104	64	219	55	0.86	2.95	74	1.62	1.40	EN12900 LBP
-10 14	45 113	20 68	45 113	234	798	201	1.83	6.24	128	1.88	5.45	EN12900 MBP
5 41	50 122	20 68	50 122	413	1408	355	2.43	8.28	170	2.13	10.35	EN12900 HBP

Performance Tables

R134a, 120 V/60 Hz, CSIR, static

pc= 45/113 | RGT= 32/89.6 | Tliq= 45/113 | °C/°F

pe		Cooling capacity			COP	EER	P	I	m
[°C]	[°F]	[W]	[Btu/h]	[kcal/h]	[W/W]	[Btu/Wh]	[W]	[A]	[kg/h]
-32	-26	70	238	60	0.87	2.97	80	1.64	1.50
-30	-22	80	272	69	0.95	3.23	84	1.66	1.72
-20	-4	145	494	125	1.37	4.68	106	1.76	3.14
-10	14	242	826	208	1.89	6.46	128	1.88	5.29
0	32	381	1300	328	2.52	8.61	151	2.00	8.41
10	50	571	1948	491	3.27	11.14	175	2.16	12.78

pc= 55/131 | RGT= 32/89.6 | Tliq= 55/131 | °C/°F

-32	-26	53	182	46	0.67	2.29	79	1.64	1.26
-30	-22	62	210	53	0.73	2.50	84	1.66	1.46
-20	-4	116	395	100	1.07	3.64	108	1.78	2.77
-10	14	198	676	170	1.47	5.02	135	1.92	4.78
0	32	318	1086	274	1.95	6.65	163	2.08	7.76
10	50	486	1657	418	2.51	8.55	194	2.29	12.03

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Configuration 2

Sales code:
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Configuration

Motor configuration	CSIR
Power supply (nominal)	100-127 V/60 Hz 1~
Refrigerant	R134a
Application	LBP+MBP
Voltage range	90-140 V
Starting torque	HST
Approvals	UL, CCC, CB
Starting device type	relay
Run capacitor	-/-
Start capacitor	240 µF
LRA (locked rotor amps / 4s/ U(N))	21.2 A
RLA (rated load amps / 1s/ U(N))	2.7 A
Cut in current (U(N))	20.5 A

Ambient/ machine room temperatures minimum /maximum

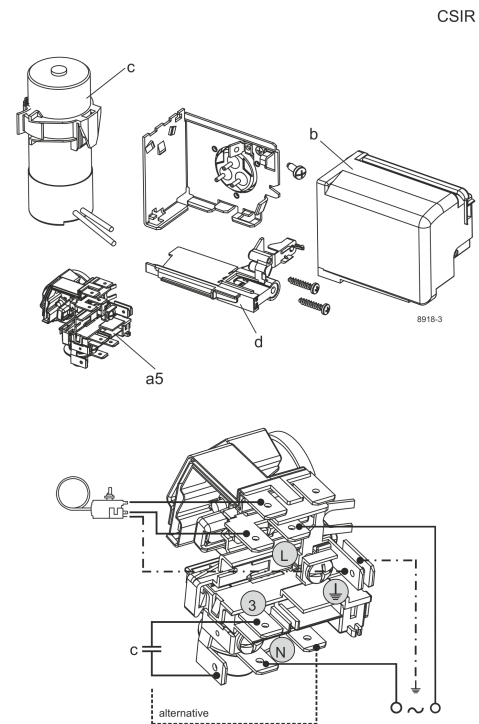
Ambient temperature range: 10 - 43°C / 50 - 109°F

Machine room temp. compressor: 10 - 48°C / 50 - 118°F

System Cooling

static

Electrical Accessories / Wiring Diagram



[View full size](#)

Components

a5 current relay (T0377/L6 S1) 117U7081

c start capacitor (240µF) 117U5002

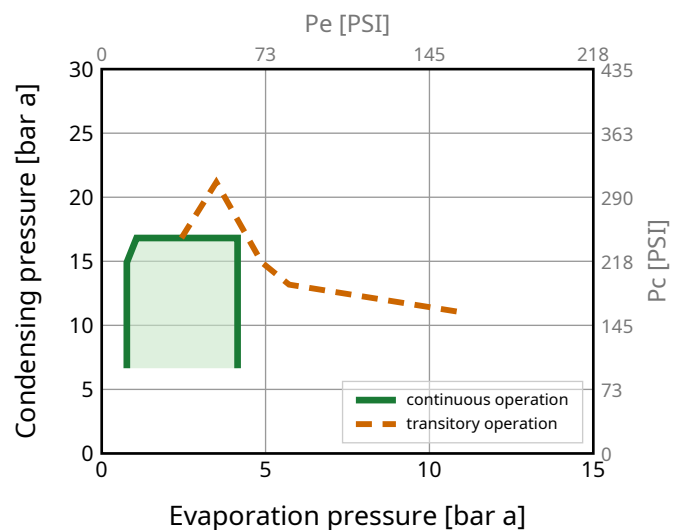
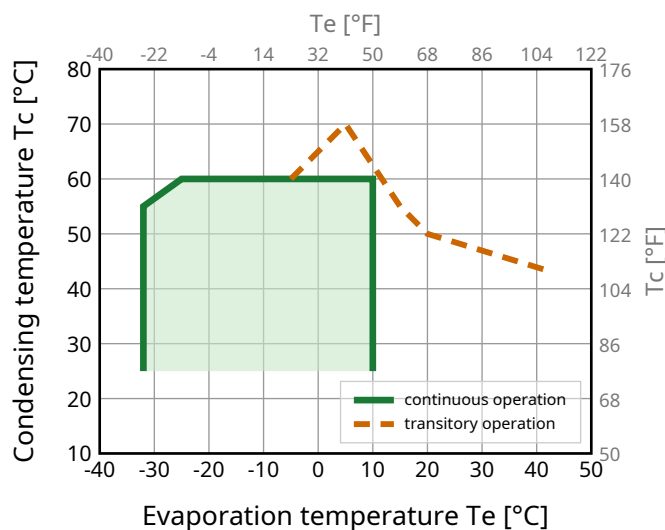
b, d cover + clamp + screws (5VA-compl.) 103N0600

Alternative components

b, d 100x cover + clamp + screws (5VA) 103N2060

b, d cover + clamp + screws (5VA) in bag 103N1060

Operation Pressure Range



Model
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Configuration 2

Sales code:
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Standard Conditions

R134a, 100 V/60 Hz, CSIR, static

pe	pc	RGT	Tliq	Cooling capacity			COP	EER	P	I	m	
[°C] [°F]	[°C] [°F]	[°C] [°F]	[°C] [°F]	[W]	[Btu/h]	[kcal/h]	[W/W]	[Btu/Wh]	[W]	[A]	[kg/h]	
-23.3 -10	54.4 129.9	32.2 90	32.2 90	135	461	116	1.46	4.99	92	1.54	2.62	ASHRAE LBP
-6.7 20	54.4 129.9	35 95	46.1 115	288	983	248	2.11	7.20	137	1.86	6.28	ASHRAE MBP
7.2 45	54.4 129.9	35 95	46.1 115	520	1773	447	3.11	10.62	167	2.12	11.50	ASHRAE HBP
-35 -31	40 104	20 68	40 104	67	229	58	0.98	3.34	69	1.42	1.47	EN12900 LBP
-10 14	45 113	20 68	45 113	256	875	221	2.15	7.34	119	1.72	5.98	EN12900 MBP
5 41	50 122	20 68	50 122	446	1522	384	2.89	9.86	154	2.01	11.19	EN12900 HBP

Performance Tables

R134a, 100 V/60 Hz, CSIR, static

pc= 45/113 | RGT= 32/89.6 | Tliq= 45/113 | °C/°F

pe		Cooling capacity			COP	EER	P	I	m
[°C]	[°F]	[W]	[Btu/h]	[kcal/h]	[W/W]	[Btu/Wh]	[W]	[A]	[kg/h]
-32	-26	77	262	66	1.05	3.58	73	1.44	1.65
-30	-22	88	302	76	1.15	3.93	77	1.45	1.91
-20	-4	162	551	139	1.66	5.66	97	1.57	3.50
-10	14	266	907	229	2.23	7.61	119	1.72	5.80
0	32	412	1406	354	2.98	10.15	138	1.87	9.09
10	50	612	2087	526	4.04	13.79	151	1.99	13.69

pc= 55/131 | RGT= 32/89.6 | Tliq= 55/131 | °C/°F

-32	-26	57	193	49	0.80	2.72	71	1.42	1.34
-30	-22	68	231	58	0.90	3.06	76	1.44	1.61
-20	-4	133	454	114	1.31	4.48	101	1.60	3.18
-10	14	223	762	192	1.74	5.92	129	1.80	5.38
0	32	350	1192	301	2.27	7.75	154	2.00	8.52
10	50	522	1782	449	3.02	10.32	173	2.17	12.94

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Configuration 3

Sales code:

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Configuration

Motor configuration	CSIR
Power supply (nominal)	100 V/50 Hz 1~
Refrigerant	R134a
Application	MBP
Voltage range	90-110 V
Starting torque	HST
Approvals	UL, CCC, CB
Starting device type	relay
Run capacitor	-/-
Start capacitor	240 µF
LRA (locked rotor amps / 4s/ U(N))	21.2 A
RLA (rated load amps / 1s/ U(N))	2.7 A
Cut in current (U(N))	20.5 A

Ambient/ machine room temperatures minimum /maximum

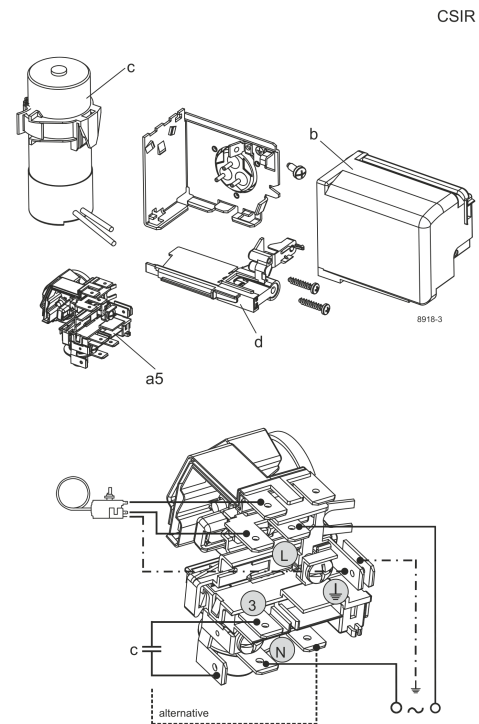
Ambient temperature range: 10 - 43°C / 50 - 109°F

Machine room temp. compressor: 10 - 48°C / 50 - 118°F

System Cooling

static

Electrical Accessories / Wiring Diagram



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Components

a5 current relay (T0377/L6 S1) 117U7081

c start capacitor (240µF) 117U5002

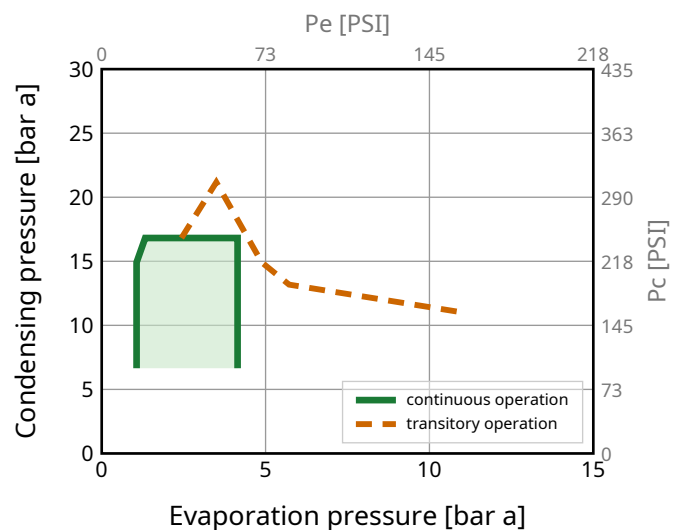
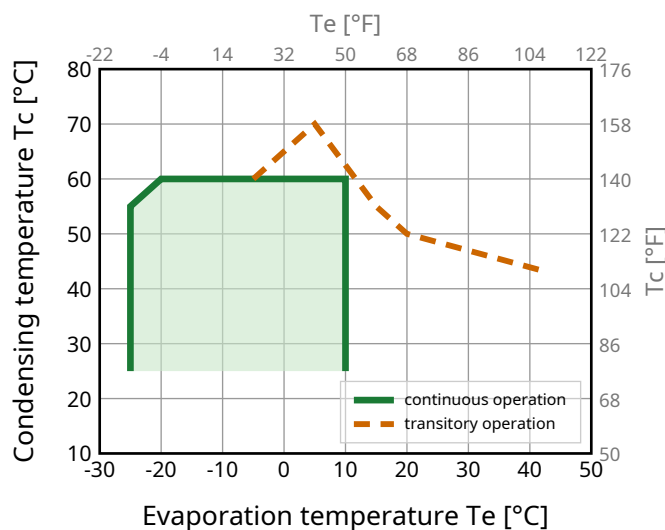
b, d cover + clamp + screws (5VA-compl.) 103N0600

Alternative components

b, d 100x cover + clamp + screws (5VA) 103N2060

b, d cover + clamp + screws (5VA) in bag 103N1060

Operation Pressure Range



Model
KLE4.0GFMX

Configuration 3

Sales code:
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Standard Conditions

R134a, 100 V/50 Hz, CSIR, static

pe	pc	RGT	Tliq	Cooling capacity			COP	EER	P	I	m	
[°C] [°F]	[°C] [°F]	[°C] [°F]	[°C] [°F]	[W]	[Btu/h]	[kcal/h]	[W/W]	[Btu/Wh]	[W]	[A]	[kg/h]	
-23.3 -10	54.4 129.9	32.2 90	32.2 90	113	385	97	1.31	4.48	86	1.79	2.19	ASHRAE LBP
-6.7 20	54.4 129.9	35 95	46.1 115	241	822	207	2.00	6.82	121	1.97	5.25	ASHRAE MBP
7.2 45	54.4 129.9	35 95	46.1 115	435	1484	374	3.00	10.25	145	2.12	9.62	ASHRAE HBP
-35 -31	40 104	20 68	40 104	56	191	48	0.81	2.75	70	1.72	1.23	EN12900 LBP
-10 14	45 113	20 68	45 113	214	731	184	2.01	6.86	107	1.89	5.00	EN12900 MBP
5 41	50 122	20 68	50 122	373	1274	321	2.77	9.45	135	2.06	9.36	EN12900 HBP

Performance Tables

R134a, 100 V/50 Hz, CSIR, static

pc= 45/113 | RGT= 32/89.6 | Tliq= 45/113 | °C/°F

pe		Cooling capacity			COP	EER	P	I	m
[°C]	[°F]	[W]	[Btu/h]	[kcal/h]	[W/W]	[Btu/Wh]	[W]	[A]	[kg/h]
-25	-13	102	347	87	1.25	4.25	82	1.77	2.20
-20	-4	135	460	116	1.50	5.14	90	1.81	2.92
-15	5	175	596	150	1.78	6.07	98	1.85	3.80
-10	14	222	757	191	2.08	7.10	107	1.89	4.85
-5	23	278	950	239	2.42	8.27	115	1.94	6.11
0	32	344	1175	296	2.82	9.63	122	1.98	7.60
5	41	422	1440	363	3.29	11.24	128	2.01	9.37
10	50	512	1746	440	3.87	13.19	132	2.04	11.45

pc= 55/131 | RGT= 32/89.6 | Tliq= 55/131 | °C/°F

-25	-13	82	279	70	0.99	3.37	83	1.77	1.95
-20	-4	111	379	96	1.20	4.09	93	1.82	2.66
-15	5	146	497	125	1.41	4.81	103	1.88	3.50
-10	14	187	637	161	1.63	5.58	114	1.93	4.50
-5	23	235	803	202	1.89	6.44	125	1.99	5.70
0	32	292	997	251	2.18	7.42	134	2.05	7.13
5	41	359	1226	309	2.52	8.59	143	2.11	8.82
10	50	437	1492	376	2.93	9.99	149	2.16	10.83

Model

KLE4.0GFMX

Configuration 4

Sales code:

106G6403

Configuration

Motor configuration	CSIR
Power supply (nominal)	115-127 V/60 Hz 1~
Refrigerant	R513A
Application	LBP+MBP+HBP
Voltage range	95-140 V
Starting torque	HST
Approvals	UL, CCC, CB
Starting device type	relay
Run capacitor	-/-
Start capacitor	240 µF
LRA (locked rotor amps / 4s/ U(N))	21.2 A
RLA (rated load amps / 1s/ U(N))	2.7 A
Cut in current (U(N))	20.5 A

Ambient/ machine room temperatures minimum /maximum

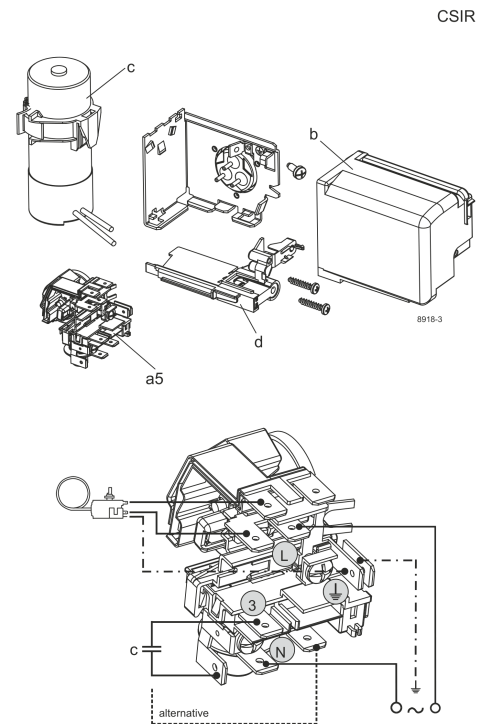
Ambient temperature range: 10 - 43°C / 50 - 109°F

Machine room temp. compressor: 10 - 48°C / 50 - 118°F

System Cooling

static

Electrical Accessories / Wiring Diagram



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Components

a5 current relay (T0377/L6 S1) 117U7081

c start capacitor (240µF) 117U5002

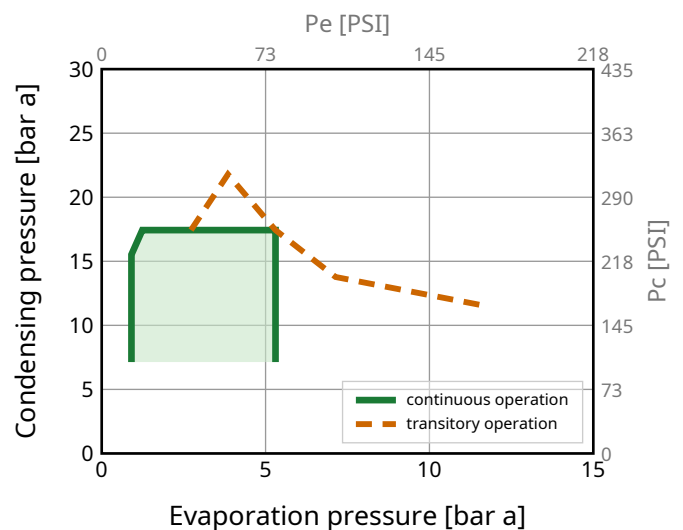
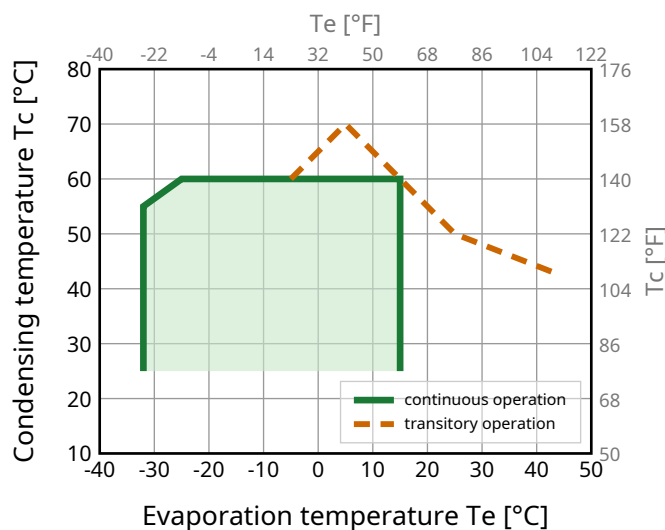
b, d cover + clamp + screws (5VA-compl.) 103N0600

Alternative components

b, d 100x cover + clamp + screws (5VA) 103N2060

b, d cover + clamp + screws (5VA) in bag 103N1060

Operation Pressure Range



Model
KLE4.0GFMX

Configuration 4

Sales code:
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Standard Conditions

R513A, 120 V/60 Hz, CSIR, static

pe	pc	RGT	Tliq	Cooling capacity			COP	EER	P	I	m	
[°C] [°F]	[°C] [°F]	[°C] [°F]	[°C] [°F]	[W]	[Btu/h]	[kcal/h]	[W/W]	[Btu/Wh]	[W]	[A]	[kg/h]	
-23.3 -10	54.4 129.9	32.2 90	32.2 90	129	440	111	1.20	4.10	107	1.77	2.83	ASHRAE LBP
-6.7 20	54.4 129.9	35 95	46.1 115	271	923	233	1.79	6.11	151	2.01	6.75	ASHRAE MBP
7.2 45	54.4 129.9	35 95	46.1 115	494	1687	425	2.58	8.81	192	2.27	12.56	ASHRAE HBP
-35 -31	40 104	20 68	40 104	71	243	61	0.85	2.90	84	1.66	1.79	EN12900 LBP
-10 14	45 113	20 68	45 113	243	830	209	1.80	6.16	135	1.91	6.58	EN12900 MBP
5 41	50 122	20 68	50 122	416	1418	358	2.34	7.98	178	2.18	12.26	EN12900 HBP

Performance Tables

R513A, 120 V/60 Hz, CSIR, static

pc= 45/113 | RGT= 32/89.6 | Tliq= 45/113 | °C/°F

pe		Cooling capacity			COP	EER	P	I	m
[°C]	[°F]	[W]	[Btu/h]	[kcal/h]	[W/W]	[Btu/Wh]	[W]	[A]	[kg/h]
-32	-26	78	264	67	0.88	2.99	88	1.68	1.91
-30	-22	88	300	76	0.96	3.26	92	1.70	2.17
-20	-4	156	531	134	1.39	4.74	112	1.80	3.86
-10	14	255	871	219	1.89	6.46	135	1.91	6.39
0	32	395	1349	340	2.50	8.51	158	2.05	10.01
10	50	585	1996	503	3.21	10.97	182	2.21	15.07

pc= 55/131 | RGT= 32/89.6 | Tliq= 55/131 | °C/°F

-32	-26	59	201	51	0.67	2.28	88	1.68	1.62
-30	-22	67	230	58	0.73	2.49	92	1.70	1.86
-20	-4	123	419	106	1.06	3.62	116	1.81	3.41
-10	14	206	701	177	1.44	4.92	142	1.96	5.77
0	32	325	1108	279	1.90	6.47	171	2.13	9.23
10	50	489	1669	421	2.43	8.30	201	2.34	14.17

Model

KLE4.0GFMX

Configuration 5

Sales code:

106G6403

Configuration

Motor configuration	CSIR
Power supply (nominal)	100-127 V/60 Hz 1~
Refrigerant	R513A
Application	LBP+MBP
Voltage range	90-140 V
Starting torque	HST
Approvals	UL, CCC, CB
Starting device type	relay
Run capacitor	-/-
Start capacitor	240 µF
LRA (locked rotor amps / 4s/ U(N))	21.2 A
RLA (rated load amps / 1s/ U(N))	2.7 A
Cut in current (U(N))	20.5 A

Ambient/ machine room temperatures minimum /maximum

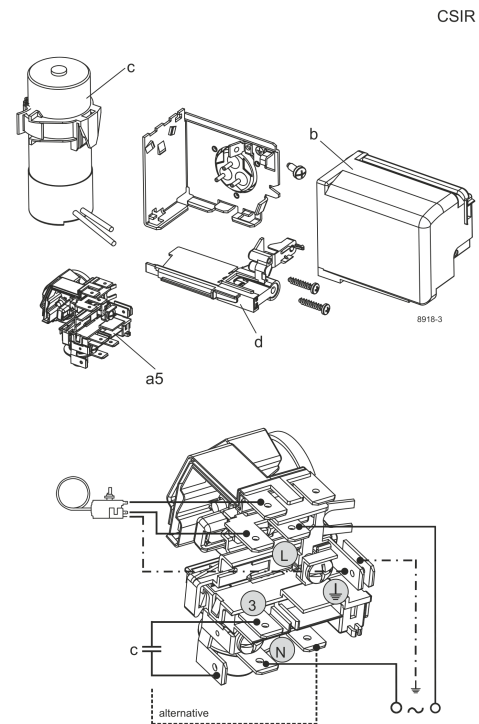
Ambient temperature range: 10 - 43°C / 50 - 109°F

Machine room temp. compressor: 10 - 48°C / 50 - 118°F

System Cooling

static

Electrical Accessories / Wiring Diagram



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Components

a5 current relay (T0377/L6 S1) 117U7081

c start capacitor (240µF) 117U5002

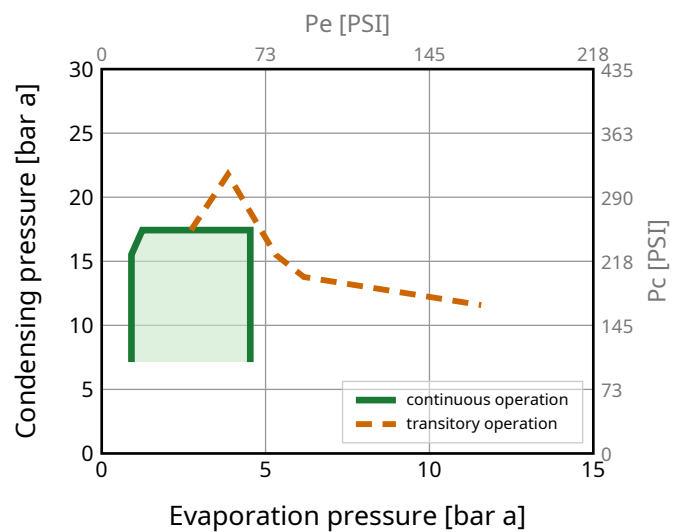
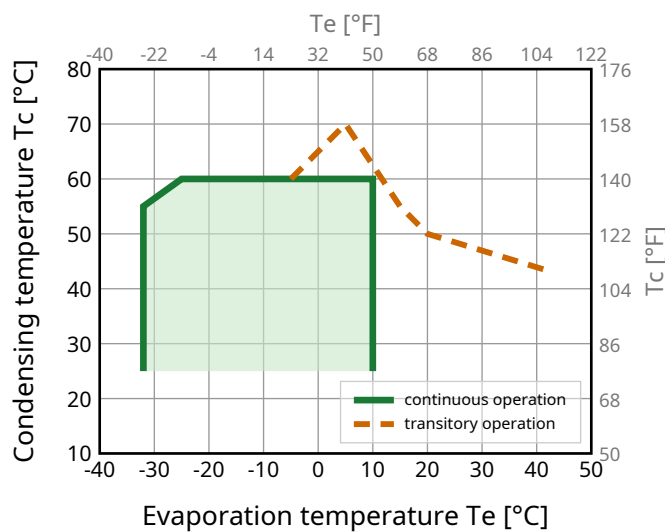
b, d cover + clamp + screws (5VA-compl.) 103N0600

Alternative components

b, d 100x cover + clamp + screws (5VA) 103N2060

b, d cover + clamp + screws (5VA) in bag 103N1060

Operation Pressure Range



Model
KLE4.0GFMX

Configuration 5

Sales code:
106G6403

Standard Conditions

R513A, 100 V/60 Hz, CSIR, static

pe	pc	RGT	Tliq	Cooling capacity			COP	EER	P	I	m	
[°C] [°F]	[°C] [°F]	[°C] [°F]	[°C] [°F]	[W]	[Btu/h]	[kcal/h]	[W/W]	[Btu/Wh]	[W]	[A]	[kg/h]	
-23.3 -10	54.4 129.9	32.2 90	32.2 90	149	507	128	1.48	5.06	100	1.59	3.25	ASHRAE LBP
-6.7 20	54.4 129.9	35 95	46.1 115	302	1031	260	2.09	7.12	145	1.93	7.53	ASHRAE MBP
7.2 45	54.4 129.9	35 95	46.1 115	534	1823	460	3.06	10.46	174	2.18	13.58	ASHRAE HBP
-35 -31	40 104	20 68	40 104	75	255	64	1.01	3.45	74	1.45	1.88	EN12900 LBP
-10 14	45 113	20 68	45 113	267	910	229	2.11	7.19	127	1.78	7.22	EN12900 MBP
5 41	50 122	20 68	50 122	450	1534	387	2.78	9.50	161	2.07	13.25	EN12900 HBP

Performance Tables

R513A, 100 V/60 Hz, CSIR, static

pc= 45/113 | RGT= 32/89.6 | Tliq= 45/113 | °C/°F

pe		Cooling capacity			COP	EER	P	I	m
[°C]	[°F]	[W]	[Btu/h]	[kcal/h]	[W/W]	[Btu/Wh]	[W]	[A]	[kg/h]
-32	-26	85	291	73	1.07	3.66	80	1.47	2.10
-30	-22	98	333	84	1.17	4.00	83	1.49	2.41
-20	-4	174	592	149	1.66	5.65	105	1.62	4.31
-10	14	280	955	241	2.21	7.54	127	1.78	7.01
0	32	428	1459	368	2.94	10.03	145	1.93	10.83
10	50	627	2138	539	3.98	13.58	157	2.04	16.14

pc= 55/131 | RGT= 32/89.6 | Tliq= 55/131 | °C/°F

-32	-26	63	214	54	0.81	2.75	78	1.45	1.73
-30	-22	74	253	64	0.90	3.06	83	1.48	2.05
-20	-4	141	481	121	1.29	4.40	109	1.65	3.92
-10	14	232	790	199	1.69	5.77	137	1.86	6.50
0	32	356	1216	307	2.20	7.52	162	2.07	10.14
10	50	526	1795	452	2.92	9.97	180	2.23	15.24

Model

KLE4.0GFMX

Configuration 6

Sales code:

106G6403

Configuration

Motor configuration	CSIR
Power supply (nominal)	100 V/50 Hz 1~
Refrigerant	R513A
Application	MBP
Voltage range	90-110 V
Starting torque	HST
Approvals	UL, CCC, CB
Starting device type	relay
Run capacitor	-/-
Start capacitor	240 µF
LRA (locked rotor amps / 4s/ U(N))	21.2 A
RLA (rated load amps / 1s/ U(N))	2.7 A
Cut in current (U(N))	20.5 A

Ambient/ machine room temperatures minimum /maximum

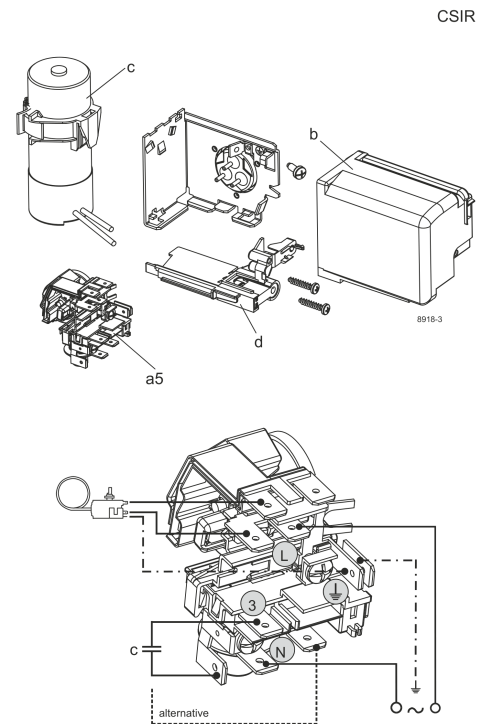
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Machine room temp. compressor: 10 - 48°C / 50 - 118°F

System Cooling

static

Electrical Accessories / Wiring Diagram



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a5 current relay (T0377/L6 S1) 117U7081

c start capacitor (240µF) 117U5002

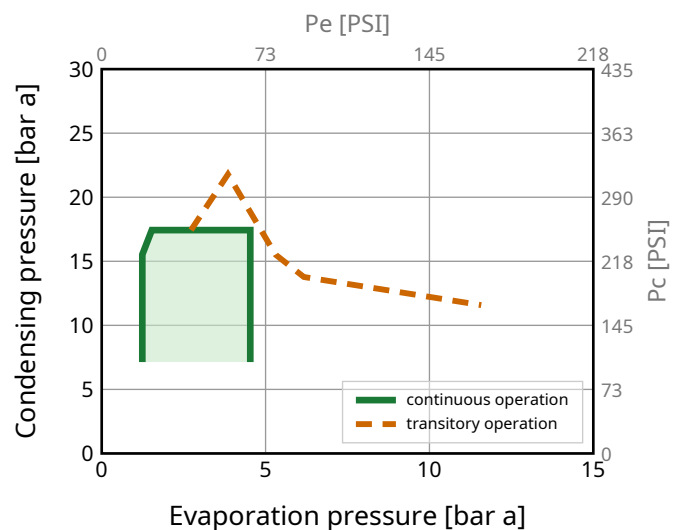
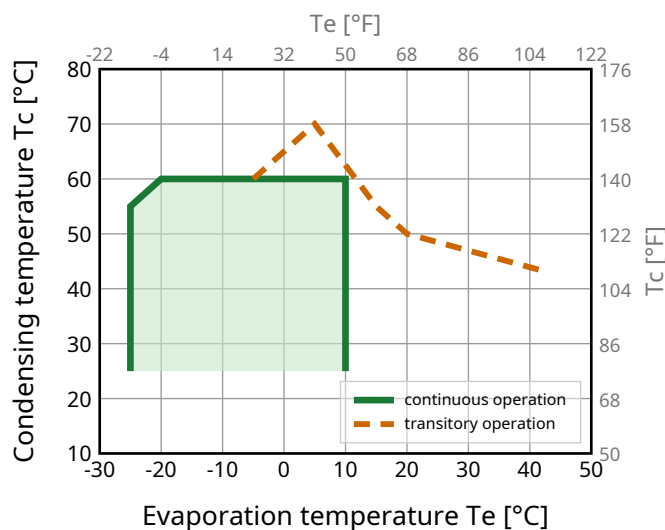
b, d cover + clamp + screws (5VA-compl.) 103N0600

Alternative components

b, d 100x cover + clamp + screws (5VA) 103N2060

b, d cover + clamp + screws (5VA) in bag 103N1060

Operation Pressure Range



Model
KLE4.0GFMX

Configuration 6

Sales code:
106G6403

Standard Conditions

R513A, 100 V/50 Hz, CSIR, static

pe	pc	RGT	Tliq	Cooling capacity			COP	EER	P	I	m	
[°C] [°F]	[°C] [°F]	[°C] [°F]	[°C] [°F]	[W]	[Btu/h]	[kcal/h]	[W/W]	[Btu/Wh]	[W]	[A]	[kg/h]	
-23.3 -10	54.4 129.9	32.2 90	32.2 90	124	423	107	1.35	4.61	92	1.81	2.72	ASHRAE LBP
-6.7 20	54.4 129.9	35 95	46.1 115	253	862	217	1.99	6.80	127	2.01	6.30	ASHRAE MBP
7.2 45	54.4 129.9	35 95	46.1 115	447	1526	385	2.96	10.10	151	2.17	11.37	ASHRAE HBP
-35 -31	40 104	20 68	40 104	62	213	54	0.81	2.75	77	1.76	1.57	EN12900 LBP
-10 14	45 113	20 68	45 113	223	761	192	1.99	6.80	112	1.92	6.04	EN12900 MBP
5 41	50 122	20 68	50 122	376	1283	323	2.67	9.12	141	2.09	11.09	EN12900 HBP

Performance Tables

R513A, 100 V/50 Hz, CSIR, static

pc= 45/113 | RGT= 32/89.6 | Tliq= 45/113 | °C/°F

pe		Cooling capacity			COP	EER	P	I	m
[°C]	[°F]	[W]	[Btu/h]	[kcal/h]	[W/W]	[Btu/Wh]	[W]	[A]	[kg/h]
-25	-13	110	377	95	1.27	4.33	87	1.79	2.73
-20	-4	145	494	125	1.53	5.22	95	1.83	3.60
-15	5	186	634	160	1.80	6.14	103	1.87	4.63
-10	14	234	798	201	2.09	7.13	112	1.92	5.86
-5	23	291	993	250	2.42	8.25	120	1.97	7.32
0	32	358	1220	307	2.80	9.55	128	2.01	9.05
5	41	435	1484	374	3.25	11.10	134	2.05	11.10
10	50	524	1789	451	3.81	13.01	138	2.07	13.50

pc= 55/131 | RGT= 32/89.6 | Tliq= 55/131 | °C/°F

-25	-13	88	300	76	0.99	3.37	89	1.80	2.43
-20	-4	118	402	101	1.19	4.07	99	1.85	3.27
-15	5	153	521	131	1.40	4.76	109	1.91	4.26
-10	14	194	661	167	1.61	5.49	120	1.97	5.43
-5	23	242	825	208	1.84	6.29	131	2.03	6.83
0	32	298	1018	257	2.12	7.22	141	2.10	8.48
5	41	364	1242	313	2.44	8.33	149	2.15	10.44
10	50	440	1503	379	2.83	9.66	156	2.20	12.76