

Mbsm.pro, Compressor, Embraco, FFI  
8.5HAK, 1/4 hp++, 1/3 hp-, hbp,  
r134a, 220 v

Category: compressor

written by Jamila | 26 January 2023

embraco

FFI 8.5HAK



THERMALLY PROTECTED		220-240V~ 50-60Hz
17.0/16.0 LRA		
R 134a	1 PH	

JOINVILLE-SC MADE IN BRAZIL



513200300 FAB 1 03/DEC/12 EB2WIAAG

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Mbsm.pro, Compressor, Embraco, FFI 8.5HAK, 1/4 hp++, 1/3 hp-, hbp, r134a, 220 v

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Mbsm.pro, Subcool, compressor,  
commercial display fridge, gqr90tg,  
1/3 hp-, 480 w, R134a, 220V, mbp

Category: compressor

written by mahdi miled | 26 January 2023




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Mbsm.pro, Subcool, compressor, commercial display fridge, gqr90tg, 1/3 hp-, 480

# Mbsm.pro, Danfoss, Reciprocating, compressor, NLX11KK.2, 105H6971, NLX11KK.2 105H6971, 1/4 hp++, 1/3 hp-, r600a

Category: compressor

written by mahdi miled | 26 January 2023



			-35	-30	-20	-15	-10	-5	0	5	[W]	[W/W]	[W/W]	[W]	[kcal/h]	[W/W]	[kcal/Wh]		
Energy-optimized	1.	PLE35K	101H0360			38	52	68	87	109		27		0.68	38	33			
		TLES4KK.3	102H4438	19	29	57	75	96				42	0.90		57	49	1.18		
		TLES4.8KK.3	102H4538	28	40	73	94	119				55	1.00		74	65	1.30		
		TLES5.7KK.3	102H4638	36	50	89	114	144				68	1.02		91	79	1.32		
		TLES6.5KK.3	102H4738	45	61	105	134	168				81	1.02		108	94	1.31		
		TLES7.5KK.3	102H4838	53	71	122	155	194				94	1.02	1.07	126	108	1.32	1.14	
		TLES8.7KK.3	102H4938	62	83	143	181	228				110	1.03	1.08	147	126	1.33	1.14	
		TLES10KK.3	102H4038									130	1.04		172	148	1.35	1.15	
		NLE8.8KK.4	105H6800	63	84	141	179	223				110	1.18	1.22	147	127	1.51	1.30	
		NLE10KK.4	105H6867	74	98	164	207	257				128	1.19	1.23	170	151	1.51	1.30	
		NLE11KK.4	105H6952	82	109	184	232	290				143	1.19	1.22	191	165	1.52	1.31	
		NLE13KK.4	105H6959	99	131	217	274	340				170	1.18	1.23	226	194	1.50	1.29	
		NLE15KK.4	105H6968	110	146	243	307	382				190	1.20	1.25	253	213	1.53	1.32	
	High Energy-optimized	1.	TLY4 KK.3	102H4442	19	29	57	74	95				42	0.96	0.99	57	49	1.26	1.08
			TLY4.8KK.3	102H4542	28	40	73	94	119				55	1.04	1.06	74	65	1.35	1.16
TLY5.7KK.3			102H4642	36	51	89	114	144				68	1.03	1.06	91	79	1.33	1.15	
2.		TLY6.5KK.3	102H4742	46	62	106	135	170				82	1.10	1.14	110	94	1.42	1.22	
		TLY7.5KK.3	102H4842	53	71	122	155	194				94	1.09	1.14	126	108	1.41	1.22	
		TLY8.7KK.3	102H4942	65	86	144	182	227				112	1.12	1.16	149	126	1.44	1.24	
3.		TLX4KK.3	102H4447	21	32	59	76	95				45		1.15***	60	52			
		TLX4.8KK.3	102H4547	36	52	90	116	146				57		1.24***	76	65			
		TLX5.7KK.3	102H4647	37	52	91	115	143				70		1.28***	93	80			
		TLX6.5KK.3	102H4747	46	63	106	133	165				83		1.30***	110	95			
		TLX7.5KK.3	102H4847	55	75	125	157	195				98		1.32***	130	112			
		TLX8.7KK.3	102H4947	65	88	146	184	227				115		1.31***	152	131			
		NLX8.8KK	105H6874	60	83	144	182	227				111		1.35	148	127			
		NLX10KK	105H6871	74	100	169	215	269				131		1.36	174	150			
		NLX11KK	105H6984	84	112	189	240	300				147		1.36	195	168			
2.	NLX13KK	105H6983	98	133	223	282	350				174		1.36	231	199				
	NLX15KK	105H6981	110	147	249	317	397				193		1.34	257	221				
	NLX8.0KK.2	105H6010	52	73	130	167	210				99		1.47***	133	115				
	NLX8.8KK.2	105H6011	62	85	147	187	234				113		1.49***	151	130				
	NLX10KK.2	105H6101	75	101	171	217	271				133		1.49***	178	153				
	NLX11KK.2	105H6971	86	115	192	242	301				150		1.49***	200	172				

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Description

## Product details

Gross weight 12.47 kg

Net weight 12.47 kg

Gross weight 12.47 kg

Net weight 12.47 kg

Application energy level

Applications

Auxiliary winding resistance (start winding) for single-phase compressors alt [Ohm]

Base plate type

Brand technique

High Energy-optimized

LBP

31.8 Ohm

EU small

Reciprocating compressor

Capacity control	Fixed speed
Colour	Black
Compressor power supply [V/Ph/Hz]	220-240/1/50
Configuration code	Single
Cut in current LST [A]	6.4 A
Description	NLX11KK.2
Discharge connection angle [°]	21 °
Discharge connection comments	Al-cap
Discharge connection diameter [mm]	5 mm
Discharge connection material	Cu-plated steel
Economizer	No
Free gas volume [cm <sup>3</sup> ]	2360 cm <sup>3</sup>
Frequency [Hz]	50
Height from baseplate [mm]	197 mm
High value of nominal voltage at 50Hz [V]	240 V
High value of voltage range at 50Hz [V]	255 V
Length [mm]	252 mm
Liquid injection	No
Low value of nominal voltage at 50Hz [V]	220 V
Low value of voltage range at 50Hz [V]	187 V
LRA LST [A]	3.5 A
Main winding resistance for single-phase compressors [Ohm]	18.5 Ohm
Model number	NLX11KK.2
Motor type	RSCR
No. of phases (compressor)	1
Oil quantity [cm <sup>3</sup> ]	270 cm <sup>3</sup>
Oil type	POE
Packing format	Industrial pack
Packing quantity	80
Process connection angle [°]	25 °
Process connection comments	Al-cap
Process connection diameter [mm]	6.2 mm
Process connection material	Cu-plated steel
Refrigerant	R600a
Refrigerant charge [kg] [Max]	0.15 kg
RLA	0.70 A
Rotational speed at 50Hz [rpm]	3000 rpm
Run capacitor capacitance	2 µF
Segment usage	Refrigeration LT
Speed Platform	Fixed-speed
Suction connection angle [°]	2 °
Suction connection comments	Al-cap
Suction connection diameter [mm]	6.2 mm
Suction connection material	Cu-plated steel
Swept volume [cm <sup>3</sup> ]	11.15 cm <sup>3</sup>

Technology	Reciprocating
Total height [mm]	203 mm
Type	NL
Type designation	Compressor
Voltage 50Hz [V]	220 V
Voltage 50Hz [V] [Max]	240 V
Width [mm]	166 mm
Winding temperature short term [Â°C] [Max]	110 Â°C
Winding temperature stat [Â°C] [Max]	95 Â°C
Application energy level	High Energy-optimized
Applications	LBP
Auxiliary winding resistance (start winding) for single-phase compressors alt [Ohm]	31.8 Ohm
Base plate type	EU small
Brand technique	Reciprocating compressor
Capacity control	Fixed speed
Colour	Black
Compressor power supply [V/Ph/Hz]	220-240/1/50
Configuration code	Single
Cut in current LST [A]	6.4 A
Description	NLX11KK.2
Discharge connection angle [Â°]	21 Â°
Discharge connection comments	Al-cap
Discharge connection diameter [mm]	5 mm
Discharge connection material	Cu-plated steel
Economizer	No
Free gas volume [cm3]	2360 cm3
Frequency [Hz]	50
Height from baseplate [mm]	197 mm
High value of nominal voltage at 50Hz [V]	240 V
High value of voltage range at 50Hz [V]	255 V
Length [mm]	252 mm
Liquid injection	No
Low value of nominal voltage at 50Hz [V]	220 V
Low value of voltage range at 50Hz [V]	187 V
LRA LST [A]	3.5 A
Main winding resistance for single-phase compressors [Ohm]	18.5 Ohm
Model number	NLX11KK.2
Motor type	RSCR
No. of phases (compressor)	1
Oil quantity [cm3]	270 cm3
Oil type	POE
Packing format	Industrial pack
Packing quantity	80
Process connection angle [Â°]	25 Â°

Process connection comments Al-cap  
 Process connection diameter [mm] 6.2 mm  
 Process connection material Cu-plated steel  
 Refrigerant R600a  
 Refrigerant charge [kg] [Max] 0.15 kg  
 RLA 0.70 A  
 Rotational speed at 50Hz [rpm] 3000 rpm  
 Run capacitor capacitance 2 ÂµF  
 Segment usage Refrigeration LT  
 Speed Platform Fixed-speed  
 Suction connection angle [Â°] 2 Â°  
 Suction connection comments Al-cap  
 Suction connection diameter [mm] 6.2 mm  
 Suction connection material Cu-plated steel  
 Swept volume [cm3] 11.15 cm3  
 Technology Reciprocating  
 Total height [mm] 203 mm  
 Type NL  
 Type designation Compressor  
 Voltage 50Hz [V] 220 V  
 Voltage 50Hz [V] [Max] 240 V  
 Width [mm] 166 mm  
 Winding temperature short term [Â°C] [Max] 110 Â°C  
 Winding temperature stat [Â°C] [Max] 95 Â°C  
 Refrigerant: R600a, Segment usage: Refrigeration LT, Compressor power supply [V/Ph/Hz]: 220-240/1/50

			-35	-30	-20	-15	-10	-5	0	5	(W)	(W/W)	(W/W)	(W)	(kcal/h)	(W/W)	(kcal/h)	
Energy-optimized	PLESK	152192360																
	TL5S-8KK.3	152294438	19	29	57	75	96				42	0.90	0.98	38	53		1.18	
	TL5S-8KK.3	152294538	28	40	73	94	119				55	1.00	1.08	74	65		1.30	
	TL5S-7KK.3	152294638	36	50	89	114	144				68	1.02	1.10	91	79		1.32	
	TL5S-4KK.3	152294738	45	61	105	134	168				81	1.02	1.10	108	94		1.31	
	TL5S-3KK.3	152294838	53	71	122	155	194				94	1.02	1.07	126	108		1.32	1.34
	TL5S-2KK.3	152294938	62	83	143	181	228				110	1.03	1.08	147	126		1.33	1.34
	TL5S-1KK.3	152295038									130	1.04	1.08	172	148		1.35	1.35
	NL5S-8KK.4	152396038	53	64	141	179	223				110	1.18	1.22	147	127		1.31	1.30
	NL5S-8KK.4	152396067	74	99	164	207	257				128	1.19	1.23	170	151		1.31	1.30
	NL5S-8KK.4	152396092	82	108	184	232	290				143	1.19	1.22	191	165		1.32	1.31
	NL5S-8KK.4	152396099	99	137	217	274	340				170	1.18	1.23	226	194		1.30	1.29
High Energy-optimized	NL5S-8KK.4	152396068	110	146	243	307	382				190	1.20	1.25	253	213		1.33	1.32
	TL5S-8KK.3	152294442	19	29	57	74	95				42	0.96	0.99	57	49		1.26	1.08
	TL5S-8KK.3	152294542	28	40	73	94	119				55	1.04	1.06	74	65		1.35	1.16
	TL5S-7KK.3	152294642	36	51	89	114	144				68	1.03	1.06	91	79		1.33	1.15
	TL5S-6KK.3	152294742	46	62	106	135	170				82	1.10	1.14	110	94		1.42	1.22
	TL5S-5KK.3	152294842	53	71	122	155	194				94	1.09	1.14	126	108		1.41	1.22
	TL5S-4KK.3	152294942	65	86	144	182	227				112	1.12	1.16	149	126		1.44	1.24
	TL5S-3KK.3	152294447	21	32	59	76	95				45	1.15***	1.18	60	52			
	TL5S-2KK.3	152294547	36	52	90	116	146				57	1.24***	1.27	76	65			
	TL5S-1KK.3	152294647	57	82	141	175	219				70	1.28***	1.31	93	80			
	TL5S-8KK.3	152294747	46	62	106	133	163				83	1.30***	1.33	110	95			
	TL5S-7KK.3	152294847	55	75	125	157	195				96	1.32***	1.35	130	112			
TL5S-6KK.3	152294947	65	88	146	184	227				115	1.32***	1.35	152	131				
NL5S-8KK.4	152396074	60	83	144	182	227				111	1.35	1.38	148	127				
NL5S-8KK.4	152396071	74	100	169	215	269				131	1.36	1.39	174	150				
NL5S-8KK.4	152396084	84	112	189	240	300				147	1.36	1.39	195	168				
NL5S-8KK.4	152396083	98	133	223	282	350				174	1.36	1.39	231	199				
NL5S-8KK.4	152396081	110	147	249	317	397				198	1.34	1.37	257	221				
NL5S-8KK.2	152396010	52	73	130	167	210				98	1.42***	1.45	133	115				
NL5S-8KK.2	152396011	62	85	147	187	234				113	1.42***	1.45	151	130				
NL5S-8KK.2	152396012	75	101	171	217	271				133	1.42***	1.45	178	153				
NL5S-8KK.2	152396071	86	115	192	242	301				150	1.42***	1.45	200	172				

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Mbsm.pro, Compressor, EMBRACO,  
EMT6170Z, HBP, R134a, 350 G,  
220-240V/1F/50Hz, 1/4 hp++, 1/3  
HP-, 7.69 cm<sup>3</sup>

Category: compressor

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Mbsm.pro, Compressor, EMBRACO, EMT6170Z, HBP, R134a, 350 G, 220-240V/1F/50Hz,

1/4 hp++, 1/3 HP-, 7.69 cm3

Mbsm.pro, American, Gibson,  
refrigerator, SE209-12, SE 209-12,  
SE209, R12, 527 L, 260 w, Compressor,  
1/4 hp++, 1/3 hp-, AEA3430AXA /  
AEA4430AXA

Category: compressor,Refrigerator  
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Mbsm.pro, American, Gibson, refrigerator, SE209-12, SE 209-12, SE209, R12, 527 L, 260 w, Compressor, 1/4 hp++, 1/3 hp-, AEA3430AXA / AEA4430AXA

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# Mbsm.pro, compressors, L88AV, 1/4 hp++, 1/3 hp-, R12, HMBP , rcir

Category: compressor

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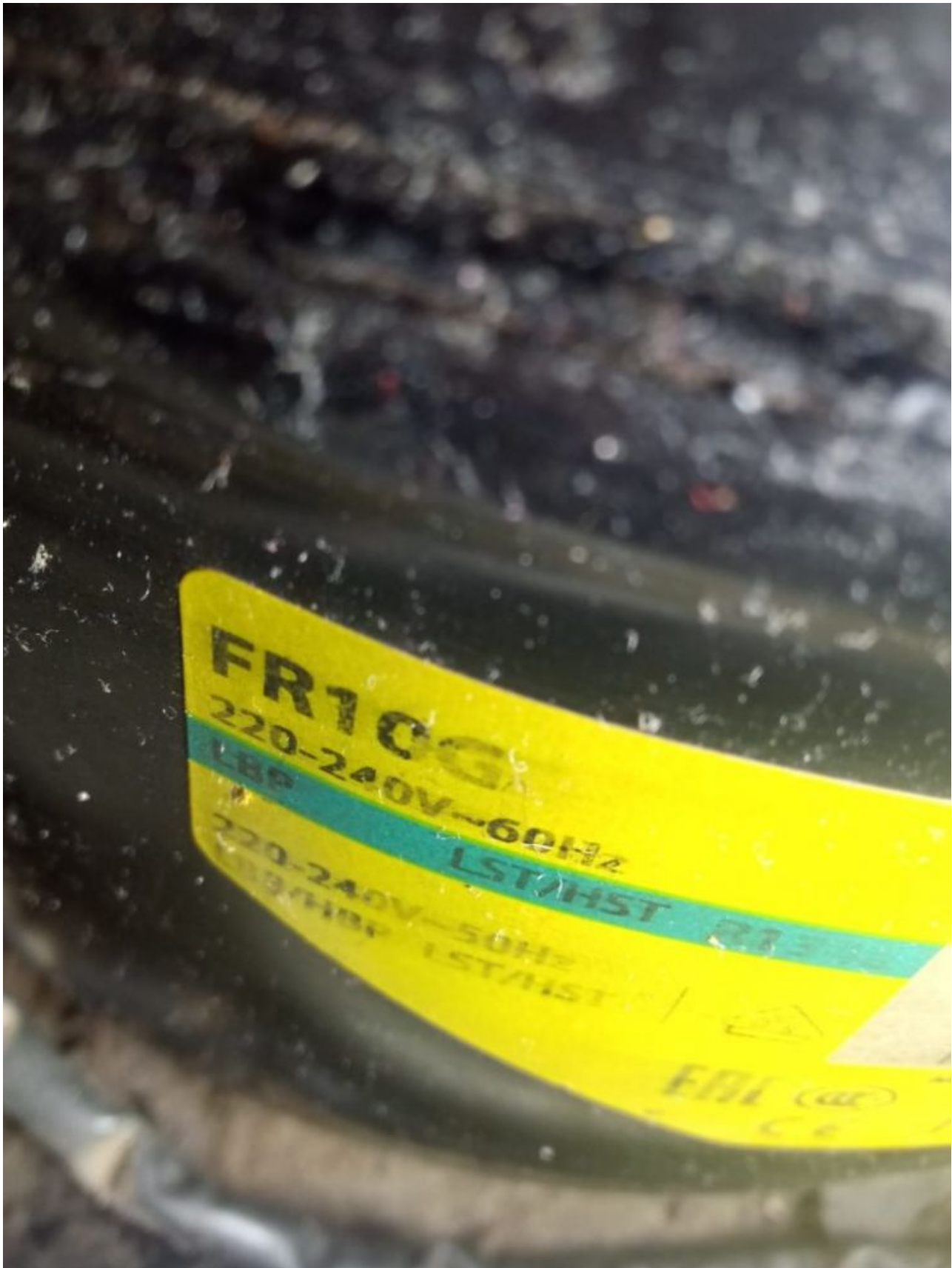
Mbsm.pro, compressors, L88AV, 1/4 hp++, 1/3 hp-, R12, HMBP , rcir

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# Mbsm.pro, COMPRESSOR, SECOP, FR10G, R134a, 1/4 Hp++, 1/3 Hp-, HMBP, 103G6880-HST, DANFOSS, CSIR, 730 BTU, 9.05 cc

Category: compressor

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Mbsm.pro, COMPRESSOR, SECOP, FR10G, R134a, 1/4 Hp++, 1/3 Hp-, HMBP, 103G6880-HST, DANFOSS, CSIR, 730 BTU, 9.05 cc

Mbsm.pro, Deep, freezer, congela, 383  
Litre, Compressor, R134A, 215W, 1/4  
Hp++, 1/3 Hp-, 215W

Category: Chaud&Froid,Freezer

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<https://www.mbsmgroun.tn/1741.htm>

INPUT FREQUENCY:	60 Hz	50 Hz	FRECUENCIA NOMINAL:	60 Hz	50 Hz
MAXIMUM VOLTAGE:	127 V	115 V	TENSION MAXIMUM:	127 V	115 V
RATED VOLTAGE:	115 V	105 V	TENSION NOMINALE:	115 V	105 V
RATED INPUT:	215 W	179 W	PUISSANCE D'ENTREE NOMINALE:	215 W	179 W
RATED DEFROST INPUT:	690 W	575 W	PUISSANCE D'ENTREE NOMINALE DEGIVRAGE:	690 W	575 W
RATED DEFROST CURRENT:	6.00 A	5.48 A	INTENSITE NOMINALE DEGIVRAGE:	6.00 A	5.48 A
RUN TIME (90°F):	65-75%	60-70%	TEMPERATURE NOMINALE DE FONCTIONNEMENT:	~	T
TEMPERATURE DESIGN RATING:	T	T	TYPE D'ALIMENTATION:	40 W	15 A
SUPPLY TYPE:	40 W	15 A	CALIBRE LAMPES:	1.8 kg	2.9 kWh
LAMP RATING:	1.8 kg	2.9 kWh	CALIBRE FUSIBLE:	683 litres	
FUSE RATING:	683 litres		GLACONS-24 H:		
ICE HARVEST: (24 hrs)			CONSUMMATION ELECTRIQUE-24 H:		
POWER USAGE: (24 hrs)			VOLUME RANGEMENT:		
STORAGE VOLUME:					





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DOMESTIC SINGLE DOOR FRIDGE				
4 to 5	Cubic Feet	(113-160 Ltr)	=	1\12 H.P.
6 to 7	Cubic Feet	(170 -198 Ltr)	=	1\10 H.P.
8 to 9	Cubic Feet	(226-254 Ltr)	=	1\8 H.P.
9 to 13	Cubic Feet	(283 - 370 Ltr)	=	1\6 H.P.
DOMESTIC DOUBLE DOOR FRIDGE				
9 to 12	Cubic Feet	(226-340 Ltr)	=	1\5 H.P.
13 to 17	Cubic Feet	(370-481 Ltr)	=	1\4 H.P.
17 to 22	Cubic Feet	(509-623Ltr)	=	1\3 H.P.

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جدول قدرة المضاطح بالنسبة لحجم الثلاجة أو الديب فريزر

المضاطح بالحجم		1/12	1/10	1/8	1/6	1/5	1/4	1/3	1/2
الثلاجة	قدم	4	6	8	10	12	14	16	
	لتر	113	170	227	283	340	396	453	
الديب فريزر	قدم			6	8	10	12	14	18
	لتر			170	200	283	340	396	510
	العرض بالتقريب بالمتر			50	70	90	120	144	170

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FRECUENCIA NOMINAL	60 Hz	50 Hz	FRECUENCIA NOMINAL	60 Hz
TENSION MAXIMUM	127 V	115 V	VOLTAJE MAXIMO	127 V
TENSION NOMINALE	115 V	105 V	VOLTAJE NOMINAL	115 V
PUISSANCE D'ENTREE NOMINALE	215 W	179 W	ENTRADA NOMINAL	215 W
PUISSANCE D'ENTREE NOMINALE DEGIVRAGE	690 W	575 W	ENTRADA NOMINAL DEGIVRAGE	690 W
INTENSITE NOMINALE DEGIVRAGE	6.00 A	5.48 A	INTENSIDAD NOMINAL DEGIVRAGE	6.00 A
TEMPS FONCTIONNEMENT A 32° C	65-75%	60-70%	TIEMPO DE FUNCIONAMIENTO A 32° C	65-75%
TEMPERATURE NOMINALE DE FONCTIONNEMENT	T	~	TEMPERATURA NOMINAL DE FUNCIONAMIENTO	T
TYPE D'ALIMENTATION	40 W		TIPO DE ALIMENTACION	40 W
CALIBRE LAMPES	15 A		CALIBRE DE LAMPAS	15 A
CALIBRE FUSIBLE	1.8 kg		CALIBRE DE FUSIBLE	1.8 kg
GLACONS-24 H	2.9 kWh		GLACONES-24 H	2.9 kWh
CONSUMMATION ELECTRIQUE-24 H	683 litres		CONSUMO DE CORRIENTE-24 H	683 litres
VOLUME RANGEMENT			CAPACIDAD DE ALMACENAMIENTO	
	Made in U.S.A.			Made in U.S.A.

