

**LG rotary, compressor, model,
QJS222PMA, 12700BTU 5.6Amps,
EER = 10.7, air conditioner**

written by Lilianne | 11 April 2021

LG rotary, compressor, model, QJS222PMA, 12700BTU 5.6Amps, EER
= 10.7, air conditioner

**PH360G2C-4FTS1, 22000BTU,
GMCC, Compressor rotary, 2
Ton, air conditioner, R22,
refrigeration compressor ,
50HZ 220V / 240V**

written by Lilianne | 11 April 2021



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PH360G2C-4FTS1, 22000BTU, GMCC, Compressor rotary, air conditioner, R22, refrigeration compressor , 50HZ 220V / 240V

**no frost, egl99aa zmc
refrigerator, DF40, silver,
ideal, zanussi, IDEAL
ZANUSSI, EGL99AA ZMC, DF 40**

Elgance, Compressor, ACC Cubigel, Huayi, Electrolux, ZEM GL99AA, GL99AA, LBP , R134a, 220-240V/1/50Hz, 1/4 HP, discharge 9.93 cm³, motor type RSIR, LRA 14.4A

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Mbsm_dot_pro_private_PDF_GL99AA-compresseur-acc-cubigell-
gl99aaTélécharger

Mbsm_dot_pro_private_PDF_GL99AATélécharger

Compressor ACC Cubigel Huayi Electrolux ZEM GL99AA, LBP – R134a, 220-240V/1/50Hz, 1/4 HP, discharge 9.93 cm³, motor type RSIR, LRA 14.4A, expansion device: capillary, cooling: static, weight 11 kg , the statutory warranty period shall apply (24 months), Delivery time Info: with “immediately available” and “scarce stock”, usually delivery within 2 days. For “currently not available” delivery time usually 2 weeks or delivery time in urgent cases contact us.

Refrigerant:	R134a
Power range(W):	101 – 200 W
Performance range (C):	-35 C to -10 C
Connecting size:	4,9 mm

Suction:	6,5 mm
Working area:	LBP
Design type:	Hermetic
Model series:	GL
Use with:	Capillary
Power range(HP):	0-2
Power supply:	230 V
Oil type:	ISO VG 22 Ester
Engine type:	RSIR
Article condition:	New
Info:	Oil filled
Shipping weight:	13,00 Kg
Dimensions (length × width × height):	23,10 × 16,20 × 18,60 cm
Cooling capacity condition:	T0 -25 C, Tk +55 C
Manufacturer:	ACC Cubigel Huayi Electrolux ZEM
Model:	GL99AA
Stroke volume (cm ³):	9,93
Cooling capacity (W):	174
Power (HP):	0,25
Max. Starting current (A):	14,4
Max. Operating current (A):	1,31
Engine type:	RSIR
COP:	0,92
Note:	Static cooling
Conveying and suction volume (m ³):	1,72
Oil quantity (l):	0,295
Compressor type:	Piston

Cooling:	Static
RPM:	2900
Power range:	-35 C to -10 C
Alternative:	HLY90AA, NL11F
Pressure line (mm):	4,9
Suction line (mm):	6,5

ZMC

C

GL99AA 0326

220-240V~50Hz



CE

R 134 a

MADE IN EGYPT



482

3975 6

GL99AAa VE09
220-240V 50Hz ~1

COMPRESSOR

Displacement (cm ³)	9.95
Diameter (mm)	25.4
Stroke (mm)	19.62
Net Weight (Kg)	9.6
Oil type	ISO VG 22 ESTER
Oil charge (cm ³)	295

MOTOR

Approximate Power (CV)	1/4
Voltage/Frequency (V/Hz)	220V 50Hz
Voltage range (V)	187-264
Code	-
Type	RSIR
Phase number	1 PH
Locked rotor current (A)	14.0
Main W. resist. at 25°C (Ω)	9.96
Start W. resist. at 25°C (Ω)	20.39

ELECTRICAL COMPONENTS

Relay	PTC 3003 - K100		
Nominal voltage (V)	200 - 240		
Resistance μ	14.00		
Protector	MRP336JZ	T0377	AE11FU

APPLICATION

Application	Low back pressure
Refrigerant	R134a
Evaporating (°C)	-35 to -10
Expansion	Capillar
Comp. cooling	Static
Max. ambient temp. (°C)	43

NOMINAL PERFORMANCE

	CYCLE A	CYCLE B
Cooling capacity (W)	175	238
Input power (W)	189	200
EER (kcal/Wh)	0.79	1.02
COP (W/W)	0.92	1.19
Current (A)	1.31	1.34

TEST CONDITIONS

Evaporating temp. (°C)	-25.0	-23.3
Condensing temp. (°C)	55.0	55.0
Liq.t. entering expan. (°C)	55.0	32.0
Ambient t. and return (°C)	32.0	32.0
Tens/Freq (V/Hz)	220V 50Hz	220V 50Hz



KGT1 موديل		الشركة العالمية لصناعة الأجهزة المنزلية - الاسكا		
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الشحنة، ١٧٠ جم ف ١٣٤ ا		التصنيف: ST		درجة الحماية، IPX2
صنع في مصر Made in Egypt		٢٠٠٥/٢٢٠	٣ ٢	No. 200

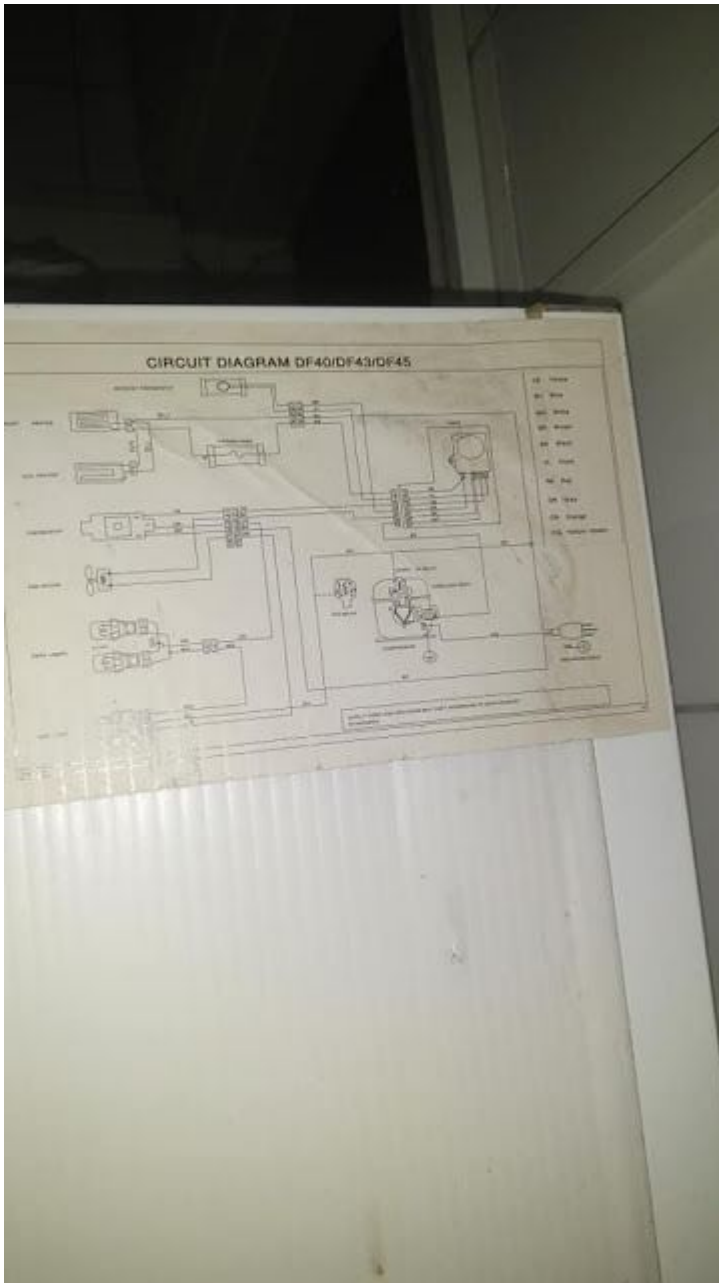


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Tecumseh,

Copeland,

Compressor, Cross, Reference, P12FW, Compressor, R-12, 1/3HP, 230V, HMBP, ACC-ELECTROLUX, CUBIGEL/HUAYI

written by Lilianne | 11 April 2021

Tecumseh, Copeland, Compressor, Cross, Reference, P12FW, Compressor, R-12, 1/3HP, 230V, HMBP, ACC-ELECTROLUX, CUBIGEL/HUAYI

Types of Electrical Motors, RSIR, CSIR, RSCR, CSR, PTC, NTC, LST, HST, MBP, HBP, LBP

written by Lilianne | 11 April 2021

Types of Electrical Motors

RSIR (Resistance Start-Induction Run)

LST motor. No capacitors. Auxiliary winding is disconnected after start

up. Standard energy efficiency.

CSIR (Capacitor Start-Induction Run)

HST motor. With starting capacitor.

Auxiliary winding is disconnected after start up. Standard efficiency.

RSCR (Resistance Start-Capacitor Run)

LST motor. With running capacitor. Auxiliary winding remains connected after start up.

Used for high efficiency in small capacity compressors

(particularly in household refrigeration)
CSR (Capacitor Start and Run)
HST motor. Two capacitors (starting and running).
Auxiliary winding remains connected after start up.
Used for high efficiency in small compressors and for size reduced
size motors in compressors with comparatively large displacements

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HST motor. Two capacitors (starting and running). Auxiliary winding remains connected after start up. Used for high efficiency in small compressors and for size reduced size motors in compressors with comparatively large displacements.



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Type of starting device

Current relay – (electromechanical). RSIR/CSIR motors and CSR low/

medium-power motors with NTC (the NTC is connected in series with

the starting capacitor and the main purpose is to reduce the current

peaks in the relay contacts)

Potential relay – (electromechanical). CSR high-power motors.

PTC – (Positive Temperature Coefficient), the resistance increases

with the temperature. Device only with RSIR or RSCR motors in the

(Small L, B), L and P ranges.

NTC – (Negative Temperature Coefficient), the resistance decreases with the temperature. Used in some CSR in order to reduce dimensions and components.

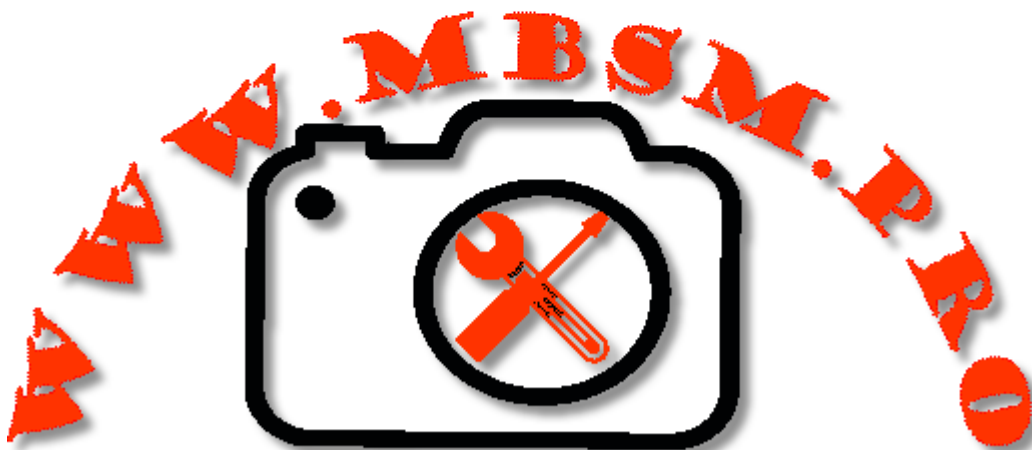
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Type of torque

LST – Low Starting Torque – Systems with capillary tube or balanced

pressures at start up.

HST – High Starting Torque – Systems with expansion valve or capillary tube, with unbalanced pressures at start up.





Catalogue, DANFOSS, All Compressor, PDF Catalogs, Documentation

written by Lilianne | 11 April 2021

Catalogue, DANFOSS, All Compressor, PDF Catalogs, Documentation

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**Compressor Embraco Aspera
NEK6210GK, MBP – R404A, R507,
220 – 240V/1/50Hz, 1/2 HP,
discharge 8.77 cm³, motor
type CSIR, lubricant type POE
22, lubricant charge 350
ml.1318 W at +7.2 / +54.4 °,
expansion device: capillary
or valve, cooling: fan
cooling, weight 11 kg**

written by Lilianne | 11 April 2021

Compressor ASPERA NEK6210GK | NEK 6210 GK

Compressor Embraco Aspera NEK6210GK, MBP – R404A, R507, 220 – 240V/1/50Hz, 1/2 HP, discharge 8.77 cm³, motor type CSIR, lubricant type POE 22, lubricant charge 350 ml.1318 W at +7.2 / +54.4 °, expansion device: capillary or valve, cooling: fan cooling, weight 11 kg

Refrigerant	R404A/R507
Working range[stC] MBP	-20 do +10
Nominal capacity [W] (evaporating temperature +7,2C, Condensing temperatur +54,4C)	1303
Power supply	220-240V 50Hz

Engine type	CSIR
Displacement [cm ³]	8,77
Weight [kg]	11

Evaporating temperature +55 C

Evaporating Temperature	Cooling Capacity +/-5%	Power Consumption +/-5%	Current Consumption +/-5%	Gas Flow Rate +/-5%	Efficiency +/-7%			
						(kg/h)	(kcal/Wh)	(W/W)
°C	(kcal/h)	(W)	(Btu/h)	(W)	(A)	(kg/h)	(kcal/Wh)	(W/W)
-20	384	447	1.525	365	2,36	11,99	1,05	1,22
-15	467	544	1.855	419	2,58	14,69	1,12	1,30
-10	574	668	2.278	470	2,79	18,18	1,22	1,42
-5	704	819	2.795	519	3,00	22,51	1,36	1,58
0	858	998	3.405	565	3,20	27,73	1,52	1,77
5	1.036	1.204	4.109	609	3,40	33,90	1,70	1,98
10	1.237	1.438	4.907	650	3,59	41,06	1,90	2,21

Substitutes for this compressor are: Electrolux ML90TB , L'Unite Hermetique/Tecumseh AE4450Z

Refrigerant:	R404A, R507
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Embraco aspera

NEK6210GK



THERMALLY PROTECTED

220 - 240V - 50Hz

R 404A

POE: OIL 350°C

1 PH

SUCTION

MADE IN SLOVAKIA NO START WITHOUT STARTING DEVICE



958CA51

LX

N10ZGP43

Specification for r-22 Compressor, Ph Rotary Models Specification, PH41VPJT, 2 Ton, Mitsubishi Rotary Compressor, 24000BTu

written by Lilianne | 11 April 2021

Product Specification

Horse Power	2 Ton
Brand	Mitsubishi
Compressor Technology	Rotary Compressor
Rental Available	No
Spares Available	No
Is It Portable	Yes
Installation/After Sales Service Available	No
Cylinder	1
Warranty	1 Year
Phase	Single
Weight	28 Kg
No. Of Cylinder	1
Cylinder Type	Round
Voltage	220 V

Material	Copper
Accessories	No
Application	AC
Color	Black



REFRIGERANT COMPRESSOR

MODEL PH41VPJT

DATE 28022004

PHASE

VOLT AC 220-240

FREQ. 50

Hz

L.R.A. 59/64

A

REFRIGERANT R-22

OIL MS-32N1

AP 28

Kg/cm²

SP 84

Kg/cm²



PH41VPJT A0019344AA

LICENSED BY MITSUBISHI ELECTRIC
SIAM COMPRESSOR INDUSTRY CO., LTD.

MADE IN
THAILAND

ZMC, zanussi, Made in Egypt, Compressors

written by Lilianne | 11 April 2021

➔ R134a

Model	Refr.	HP	Ambient Temp C	Rated Voltage	Cooling Capacity		COP without RC		COP with RC	
					ASHRAE	CECOMAF	ASHRAE	CECOMAF	ASHRAE	CECOMAF
					-23.3°C kcal/h	-25°C W	-23.3°C W/W	-25°C W/W	-23.3°C W/W	-25°C W/W
▶ <input type="checkbox"/> GL45AA	LBP::R134a	1/8	43	A	96	82	1.06	0.82		
▶ <input type="checkbox"/> GL45AN	LBP::R134a	1/8	50	C	96	81	1.05	0.8		
▶ <input type="checkbox"/> GL60AA	LBP::R134a	1/6	43	A	132	114	1.14	0.89		
▶ <input type="checkbox"/> GL60AF	LBP::R134a	1/6	43	D	132	113	1.07	0.82		
▶ <input type="checkbox"/> GL60AH	LBP::R134a	1/6	43	A	133	114	1.31	1.01		
▶ <input type="checkbox"/> GL60AN	LBP::R134a	1/6	50	C	132	114	1.07	0.83		
▶ <input type="checkbox"/> GL70AA	LBP::R134a	1/5	43	A	149	128	1.18	0.92		
▶ <input type="checkbox"/> GL70AN	LBP::R134a	1/5	50	D	150	129	1.08	0.83		
▶ <input type="checkbox"/> GL70AT	LBP::R134a	1/5	43	E	144	122	1.09	0.84		
▶ <input type="checkbox"/> GL75AA	LBP::R134a	1/5	43	A	155	133	1.18	0.92		
▶ <input type="checkbox"/> GL80AA	LBP::R134a	1/5	43	A	173	148	1.19	0.93		
▶ <input type="checkbox"/> GL80AF	LBP::R134a	1/5	43	D	166	141	1.14	0.88		
▶ <input type="checkbox"/> GL80AH	LBP::R134a	1/5	43	A	175	150	1.35	1.06		
▶ <input type="checkbox"/> GL80AN	LBP::R134a	1/4	43	A	196	168	1.36	1.06		
▶ <input type="checkbox"/> GL90AA	LBP::R134a	1/4	43	A	195	167	1.19	0.93		
▶ <input type="checkbox"/> GL90AH	LBP::R134a	1/4	43	A	215	182	1.39	1.08		
▶ <input type="checkbox"/> GL90AN	LBP::R134a	1/4	50	D	190	163	1.1	0.85		
▶ <input type="checkbox"/> GL90AT	LBP::R134a	1/4	43	E	190	161	1.19	0.92		
▶ <input type="checkbox"/> GL99AA	LBP::R134a	1/4	43	A	214	182	1.24	0.96		
▶ <input type="checkbox"/> GL99AH	LBP::R134a	1/4	43	A	215	182	1.39	1.08		
▶ <input type="checkbox"/> GL80AD	LBP::R134a	1/5	43	W	0	0	0	0		
▶ <input type="checkbox"/> GL90AD	LBP::R134a	1/4	43	W	0	0	0	0		

R12

Model	Refr.	HP	Ambient Temp C	Rated Voltage	Cooling Capacity		COP without RC		COP with RC	
					ASHRAE	CECOMAF	ASHRAE	CECOMAF	ASHRAE	CECOMAF
					-23.3°C kcal/h	-25°C W	-23.3°C W/W	-25°C W/W	-23.3°C W/W	-25°C W/W
<input type="checkbox"/> L45AV	LBP::R12	1/8	43	B	221	192	0.91	0.71		
<input type="checkbox"/> L55AV	LBP::R12	1/6	43	B	115	101	0.99	0.78		
<input type="checkbox"/> L55BV	LBP::R12	1/6	43	B	115	101	0.99	0.78		
<input type="checkbox"/> L76AV	LBP::R12	1/5	43	B	145	127	1.05	0.84		
<input type="checkbox"/> L76BV	LBP::R12	1/5	43	B	145	127	1.05	0.84		
<input type="checkbox"/> L88AV	LBP::R12	1/4	43	B	171	150	1.02	0.81		
<input type="checkbox"/> L88BV	LBP::R12	1/4	43	B	171	150	1.02	0.81		
<input type="checkbox"/> LT45AV	LBP::R12	1/8	50	B	94	83	1.04	0.83		
<input type="checkbox"/> LT55AV	LBP::R12	1/6	50	B	115	102	1.06	0.85		
<input type="checkbox"/> LT55BV	LBP::R12	1/6	50	B	115	102	1.06	0.85		
<input type="checkbox"/> LT76BV	LBP::R12	1/5	50	B	155	137	1.14	0.91		
<input type="checkbox"/> LT88BV	LBP::R12	1/4	50	B	190	169	1.16	0.93		
<input type="checkbox"/> P12BW	LBP::R12	1/3	43	A	221	192	0.91	0.71		

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Mbsm_dot_pro_private_PDF_catalogo_cubigel_R134aTélécharger

R600a

Model	Refr.	HP	Ambient Temp C	Rated Voltage	Cooling Capacity		COP without RC		COP with RC	
					ASHRAE	CECOMAF	ASHRAE	CECOMAF	ASHRAE	CECOMAF
					-23.3°C kcal/h	-25°C W	-23.3°C W/W	-25°C W/W	-23.3°C W/W	-25°C W/W
<input type="checkbox"/> HL80AH	LBP::R600a	1/7	43	A	104	89	1.37	1.06		
<input type="checkbox"/> HL90AH	LBP::R600a	1/7	43	A	115	99	1.38	1.08		
<input type="checkbox"/> HL99AH	LBP::R600a	1/6	43	A	120	103	1.34	1.03		

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Model	Refr.	HP	Ambient Temp C	Rated Voltage	Cooling Capacity		COP _{7.2}
					CECOMAF	ASHRAE	
					5°C W	7.2°C kcal/h	
▶ <input type="checkbox"/> GL45PB	HMBP::R134a	1/6	43	A			
▶ <input type="checkbox"/> GL45PB	HMBP::R134a	1/6	0	300			
▶ <input type="checkbox"/> GL45TB	HMBP::R134a	1/6	43	A			
▶ <input type="checkbox"/> GL60PB	HMBP::R134a	1/5	43	A			
▶ <input type="checkbox"/> GL60TB	HMBP::R134a	1/5	43	A			
▶ <input type="checkbox"/> GL80PB	HMBP::R134a	1/5	43	A			
▶ <input type="checkbox"/> GL80TB	HMBP::R134a	F	0	300			
▶ <input type="checkbox"/> GL90TB	HMBP::R134a	1/4	43	A			
▶ <input type="checkbox"/> GP12TB	HMBP::R134a	3/8	43	A			

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ALL COMPRESSOR HERMÉTIC EMBRACO IN ONE FILE

written by Lilianne | 11 April 2021

EMT22HLP 3,00 C 1/12 0,44 S RSIR 151 69 50 98,00

EMT36HLP 3,97 C 1/10 0,56 S RSIR 203 94 71 102,00

EMY3111Z 4,85 C 1/8 0,71 S RSIR 247 117 86 105,00

EMT49HLP 5,56 C 1/6 0,76 S RSIR 274 131 98 111,00

EMY3115Z 6,76 C 1/6 0,99 S RSIR 341 158 117 112,00

NEK1116Z 7,37 C 1/5 0,60 S RSIR 367 172 126 129,00

NEK1118Z 8,39 C 1/4 0,74 S RSIR 417 195 144 133,00

NE2121Z 9,26 C/V 1/4 1,41 F CSIR 465 217 163 172,00

NE2130Z 12,11 C/V 1/3 2,07 F CSIR 613 298 227 186,00

NE2134Z 14,28 C/V 1/3 2,30 F CSIR 662 313 234 190,00

NEK2140Z 16,80 C/V 1/2 2,35 F CSIR 801 377 284 207,00

MODELO CM3 EXP C.V INT

(A)

REFR

COMP MOTOR TEMP. DE EVAPORACIÓN PRECIO +5°C 0°C -5°C -10°C

EMT37HDP 3,40 C 1/8 0,85 S RSIR 343 245 228 181 113,00
 EMT45HDR 3,97 C 1/8 0,95 S CSIR 402 284 229 184 121,00
 EMT50HDP 4,50 C 1/6 1,05 S RSIR 456 374 303 242 120,00
 EMT6144Z 5,20 C/V 1/5 1,38 F RSIR 549 395 367 294 123,00
 EMT6160Z 6,76 C/V 1/4 1,74 F RSIR 696 504 469 377 127,00
 EMT6170Z 7,69 C/V 1/4 2,03 F RSIR 771 559 522 418 134,00
 NEU6187Z 10,00 C/V 1/3 2,61 F RSIR 918 654 600 477 151,00
 NEU6210Z 12,12 C/V 1/3 3,15 F RSIR 1170 955 770 615 163,00
 NEU6212Z 14,30 C/V 1/2 3,90 F RSIR 1365 1114 894 707 174,00
 NEU6214Z 16,80 C/V 1/2 4,21 F RSIR 1569 1292 1047 836 199,00
 NT6217Z 20,44 C/V 3/4 4,73 F RSIR 1795 1256 1173 938 292,00
 NT6220Z 22,37 C/V 3/4 5,24 F RSIR 1897 1554 1260 1010 323,00
 NJ6220Z 26,11 C/V 3/4 5,71 F RSIR 2202 1780 1419 1104 386,00
 NJ6220Z () 26,11 C/V 3/4 5,71 F RSIR 2202 1780 1419 1104 379,00
 NJ6226Z 34,38 C/V 1 5,95 F CSR 2852 2340 1892 1497 439,00
 NJ6226Z () 34,38 C/V 1 5,95 F CSR 2852 2340 1892 1497 410,00

COMPRESORES R404A/ R452A BAJA TEMPERATURA. MONOFÁSICAS 220V

MODELO	CM3	EXP	C.V	INT (A)	REFR COMP	MOTOR	TEMP. DE EVAPORACIÓN			PRECIO
							-10°C	-25°C	-30°C	
EMT2117GK	4,50	C	1/4	1,15	F	CSIR	408	210	164	143,00
EMT2121GK	5,20	C	1/3	1,33	F	CSIR	487	258	204	146,00
EMT2125GK	5,96	C-V	1/3	1,57	F	CSIR	562	301	238	158,00
EMT2130GK	6,76	C-V	1/2	1,70	F	CSIR	605	326	257	165,00
NEU2140GK	8,78	C-V	1/2	2,63	F	CSIR	801	421	326	182,00
NEU2155GK	12,11	C-V	3/4	3,79	F	CSIR	1067	557	432	201,00
NEU2168GJ	14,28	C-V	3/4	3,48	F	CSIR	1213	642	496	240,00
NEU2178GK	16,80	C-V	1	4,27	F	CSIR	1416	753	586	287,00
NT2180GK	20,44	C-V	1	3,12	F	CSIR	1573	814	625	330,00
NT2192GK	22,40	C-V	1	4,92	F	CSIR	1693	865	669	365,00
NT2192GK(*)	22,40	C-V	1	4,92	F	CSIR	1693	865	669	345,00
NT2210GK	26,20	C-V	1 1/2	6,43	F	CSIR	2041	1052	804	375,00
NT2210GK(*)	26,20	C-V	1 1/2	6,43	F	CSIR	2041	1052	804	355,00
NT2212GK	27,78	C-V	1 1/2	5,30	F	CSIR	2174	1125	876	380,00
NJ2212GK	34,37	C-V	1 1/2	5,80	F	CSIR	2487	1276	961	419,00
NJ2212GK(*)	34,37	C-V	1 1/2	5,80	F	CSIR	2487	1276	961	394,00



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