

Medium and High Back Pressure
Compressors, M/HBP, RSIR, TECUMSEH,
1/5++ HP, R134a, 160g, TWB1374YGS,
TW146GY, 220v/50-60, kiriazi defrost,
340L, k350, k350/1, Embraco,
ff17.5hak, tw146-gy-486, twb1374ygs

Category: compressor

written by www.mbsm.pro | 12 April 2021



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

Category: compressor

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QJS222PMA CONDENSERS

THERMALLY PROTECTED R22

1PH 50Hz 220-240 V ~ LRA 29

SERIAL NO. 0E1R1184ED23 - A00124



LG



MADE IN THAILAND

WARNING

Service should be performed by trained personnel only.



ELECTRIC SHOCK HAZARD

- Ground the equipment securely.
- Turn off the power before servicing.
- Retain Terminal Cover in position whenever power is applied to this compressor.



BURN HAZARD

- Do not touch the Compressor with bare hands during operation or after stoppage instantly.



EXPLOSION OR FIRE

- Wear safety goggles and gears as system contains oil and refrigerant under pressure.
- Do not compress air.
- Do not use refrigerant and lubricants besides those specified.
- Make sure to connect right way with valves.

SHOT ON MI 9T
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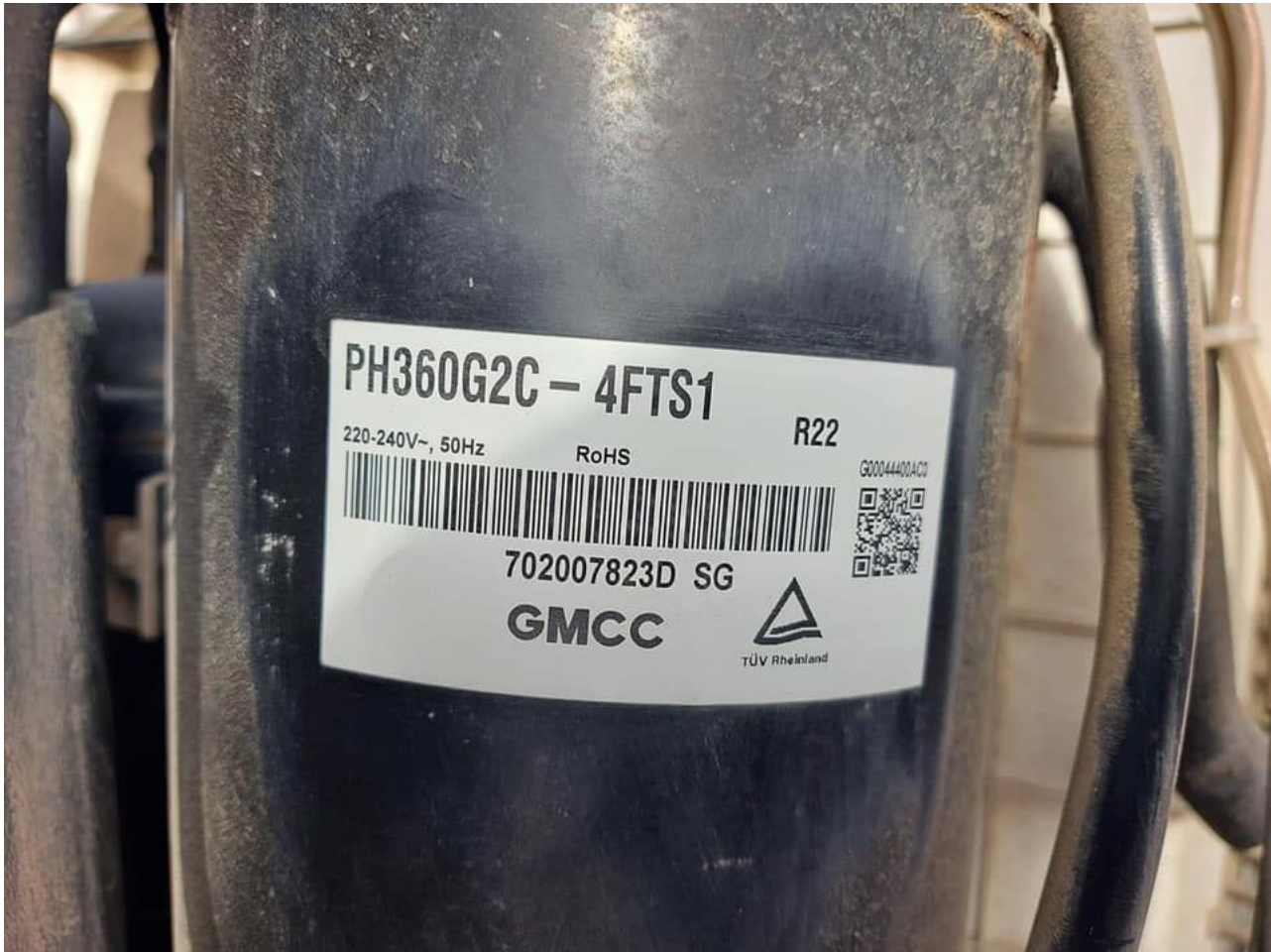
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LG rotary, compressor, model, QJS222PMA, 12700BTU 5.6Amps, EER = 10.7, air conditioner

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

Category: compressor

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

Pressure and boiling Temperature list, standing, Refrigerant, suction, discharge

Category: Chaud&Froid

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Some Refrigerant Standing, Suction, Discharge Pressure & Boiling Temperature List.

Refrigerant Name	Standing Pressure	Suction Pressure	Discharge Pressure	Boiling Temp
R-22	150-155 psi	60-70 psi	250-300 psi	-40.8 C
R-410a	225-230 psi	120-130 psi	450-500 psi	-51.4 C
R-134a	85-95 psi	12-15 psi		-26.2 C
R-600a	40-50 psi	Below 0-1 psi		-11.7 C
R-32	240-245 psi	110-115 psi		-52.0 C
R-290	125-130 psi	65-70 psi	275-300 psi	-42.1 C
R-407c	180-185 psi	75-80 psi	275-300 psi	-45.0 C
R-404a	180-185 psi	80-90 psi		-46.2 C
R-417	140 psi	65 psi	261 psi	



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Pressure and boiling Temperature list, standing, Refrigerant, suction, discharge

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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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
R 134a
MADE IN EGYPT
CE
482
50-3975 6

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

	CYCLE A	CYCLE B
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



موديل : KGT1

الشركة العالمية لصناعة الأجهزة المنزلية - الاسكندرية

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درجة الحماية : IPX2

التصنيف : ST

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سنة الانتاج

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ZMC

EGL99AA 1002

220-240V~50Hz


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

Category: compressor

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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

Category: compressor,Files

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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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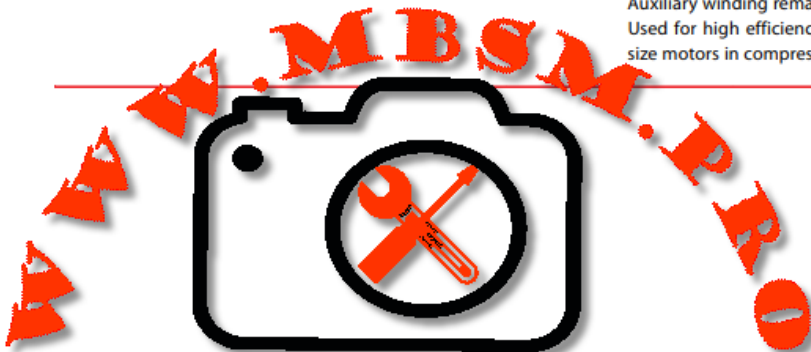
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Type of starting device

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.

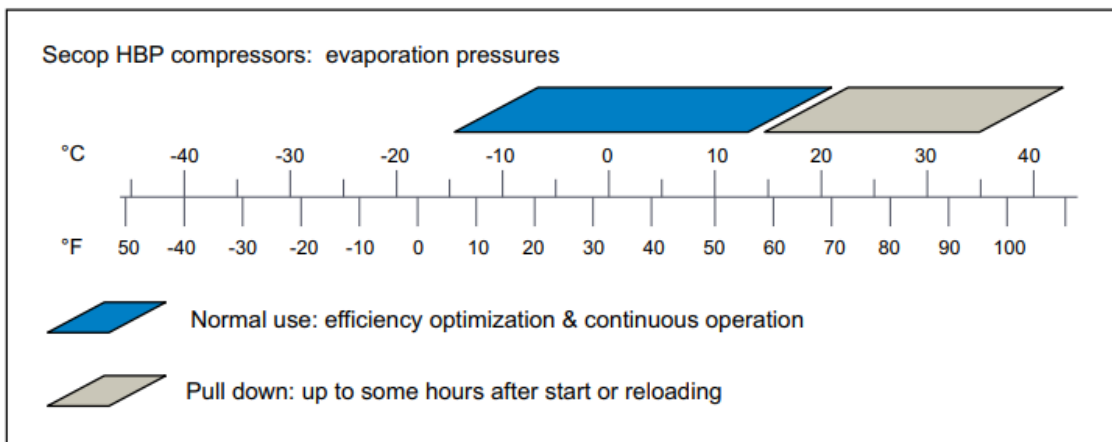
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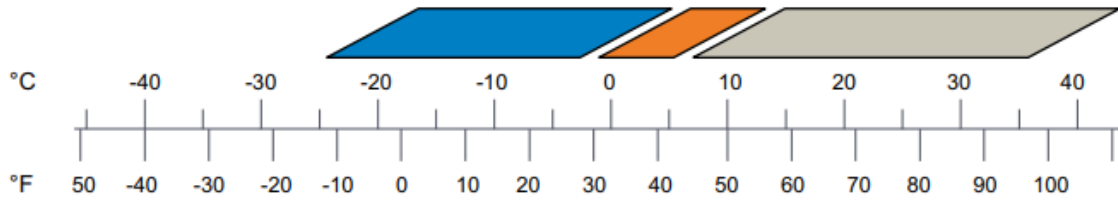





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Secop MBP compressors: evaporation pressures

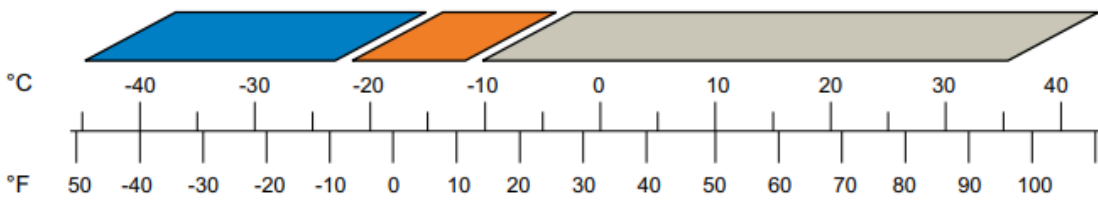





-  Normal use: efficiency optimization & continuous operation
-  High load: continuous operation
-  Pull down: up to some hours after start or reloading



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Secop LBP compressors: evaporation pressures



-  Normal use: efficiency optimization & continuous operation
-  High load: continuous operation
-  Pull down: short time operation (<60min.) after start or defrost



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Catalogue, DANFOSS, All Compressor, PDF Catalogs, Documentation

Category: compressor,Files

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Catalogue, DANFOSS, All Compressor, PDF Catalogs, Documentation

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[Mbsm_dot_pro_private_PDF_Danfoss_scroll_compressors_HXX_R410ATélécharger](#)

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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

Category: compressor

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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

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%			
						°C	(kcal/h)	(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

Embraco aspera

NEK6210GK



THERMALLY PROTECTED

R 404A

220 - 240V ~ 50Hz

POE OIL 350C°

1 PH

SUCTION

MADE IN SLOVAKIA NO START WITHOUT STARTING DEVICE



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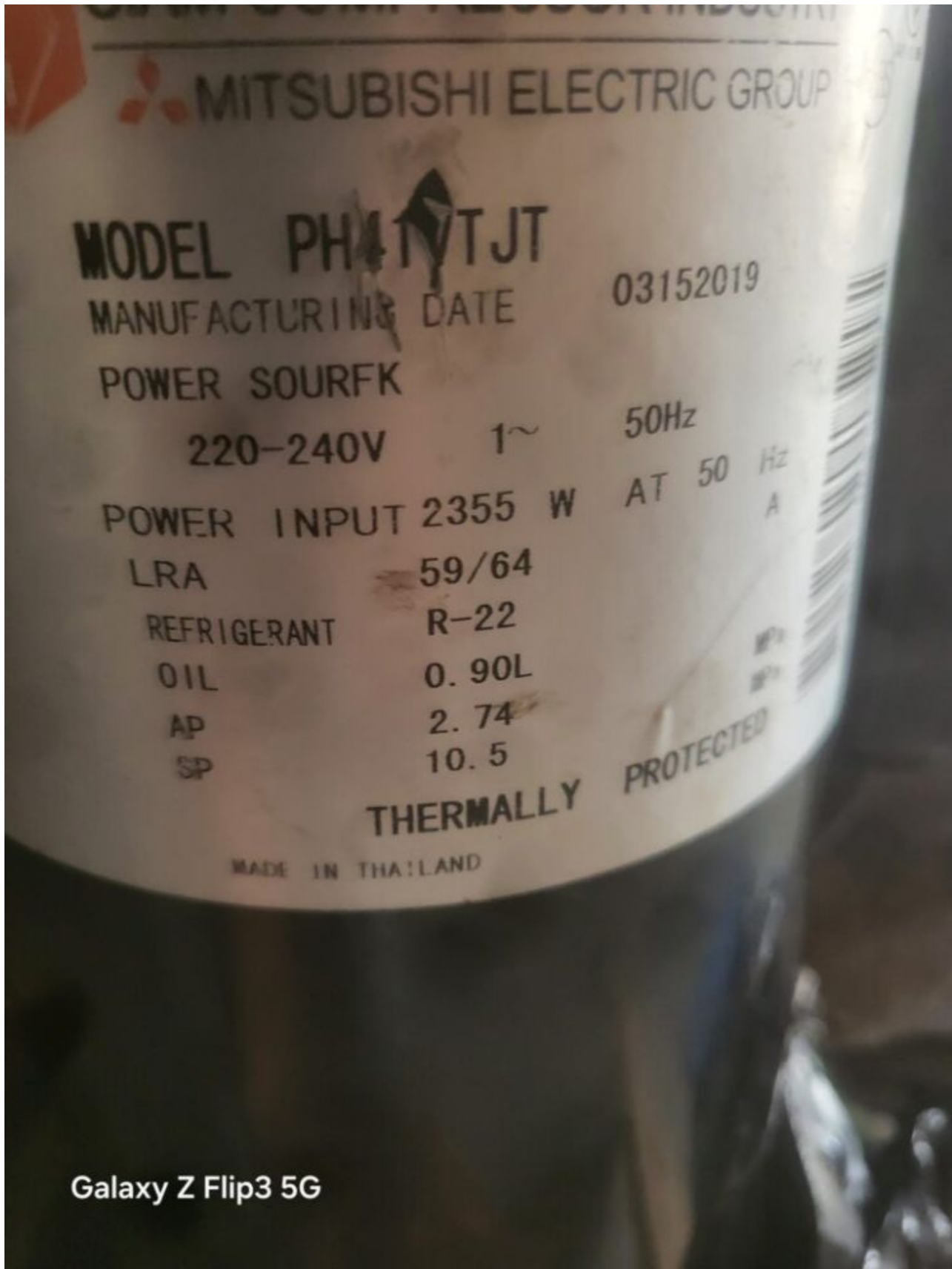
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N10ZGP43

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

Category: compressor

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Galaxy Z Flip3 5G

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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/cm^2	SP	84 Kg/cm^2



PH41VPJT A0019344AA

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SIAM COMPRESSOR INDUSTRY CO., LTD.

MADE IN
THAILAND

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