

# Mbsm.pro , L76AV ,Compresseur, 1/5 HP ,149W, R12 ,E80101 ,Zem ,HMBP ,Hermetic piston compressors , 220V/50 , 1PH(phase)

Category: Solutions,Tester ok  
written by Jamila | 8 October 2018



PictureS Mbsm Dot Pro : [www.mbsm.pro](http://www.mbsm.pro)

Mbsm.pro , L76AV ,Compresseur, 1/5 HP ,149W, R12 ,E80101 ,Zem ,HMBP ,Hermetic piston compressors , 220V/50 , 1PH(phase)

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## MBSM.PRO , HYE69YL ,Compressor (LBP) , China R134a ,Huayi Compressor Co., Ltd, 69 YL ,1/4 Hp ,168Kcal , 220V

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MBSM.PRO , HYE69YL ,Compressor (LBP) , China R134a ,Huayi Compressor Co., Ltd, 69 YL ,1/4 Hp ,168Kcal , 220V

| Test conditions               | According to ASHRAE |
|-------------------------------|---------------------|
| Evaporating temperature       | -23.3[]             |
| Condensing temperature        | 54.4[]              |
| Subcooling temperature        | 32.2[]              |
| Suction temperature           | 32.2[]              |
| Ambient temperature           | 32.2[]              |
| Working condition limit:R134a |                     |
| Max ambient temperature       | 43[[]]              |
| Evaporation temperature range | -35~-15[[]]         |

|                                   |                                    |
|-----------------------------------|------------------------------------|
| Working voltage range.            | 187~254/98~127[V]                  |
| Max discharge pressure            | 2.0[Mpa] (gauge pressure)          |
| Max allowable housing temperature | 95[°C]                             |
| Max discharge temperature         | 125[°C]                            |
| Max pressure housing endured      | 2.7[Mpa] (gauge pressure)          |
| Low voltage start                 | 0.4/0.4Mpa(gauge pressure)187V/98V |

Product model:HYE69YL  
Cooling capacity:195W  
COP[W/W]:1.15  
Voltage[V]:220-240~  
Frequency(Hz):50



## Products

### R134a Compressor (LBP)

HYE Serie

HY Serie

HYB Serie

HYS Serie

### R600a Compressor (LBP)

HYE Serie

HY Serie

HYB Serie

HYS Serie

### R134a Compressor (MBP,HBP)

HY Serie

HYE Serie

Download Catalog

Product model: HYE69YL

Cooling capacity: 195W

COP (W/W) : 1.15

Voltage (V) : 220-240~

Frequency (Hz): 50

| Test conditions                       | According to ASHRAE                |
|---------------------------------------|------------------------------------|
| Evaporating temperature               | -23.3°C                            |
| Condensing temperature                | 54.4°C                             |
| Subcooling temperature                | 32.2°C                             |
| Suction temperature                   | 32.2°C                             |
| Ambient temperature                   | 32.2°C                             |
| <b>Working condition limit: R134a</b> |                                    |
| Max ambient temperature               | 43[°C]                             |
| Evaporation temperature range         | -35~-15[°C]                        |
| Working voltage range.                | 187~254/98~127[V]                  |
| Max discharge pressure                | 2.0[Mpa](gauge pressure)           |
| Max allowable housing temperature     | 95[°C]                             |
| Max discharge temperature             | 125[°C]                            |
| Max pressure housing endured          | 2.7[Mpa](gauge pressure)           |
| Low voltage start                     | 0.4/0.4Mpa(gauge pressure)187V/98V |

PictureS Mbsm Dot Pro : [www.mbsm.pro](http://www.mbsm.pro)



**AE 1330 Y**

**1 / 12 HP**



**AE 1340 Y**

**1 / 6 HP**



**AE 1350 Y**

**1 / 6 HP**



**AE 1360 Y**

**1 / 5 HP**



**AE 1370 Y**

**1 / 4 HP**



**AE 1390 Y**

**1 / 4 HP**

PictureS Mbsm Dot Pro : [www.mbsm.pro](http://www.mbsm.pro)



Huayi HYE 69 YL 1/4 Hp 168Kcal R134a 220V

Huayi - Huayi

Huayi HYE 55 YL 63 1/6 Hp 129Kcal R134a 220V

Huayi - Huayi

Huayi HYE 60 YL 63 1/5 Hp 146Kcal R134a 220V

Huayi - Huayi

Huavi HY 81 Y 1/4+ Hp 202Kcal R134a 220V

PictureS Mbsm Dot Pro : [www.mbsm.pro](http://www.mbsm.pro)



HYE 125 MSU

HYE 69 YL

HYE 60 YL 63

HYE 55 YL 63

HY 81 Y

AE 1390 Y

AE 1370 Y

AE 1360 Y

AE 1350 Y

AE 1340 Y

AE 1330 Y

PictureS Mbsm Dot Pro : [www.mbsm.pro](http://www.mbsm.pro)





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Mbsm.pro , COMPRESSOR TECUMSEH,  
CAJ4511Y, R134a, HMBP(HBP – High Back  
Pressure),1 HP, 1PH, 220-240 VOLTS ,  
High Start Torque (HST) ,

Category: Solutions,Tester ok  
written by Jamila | 8 October 2018  
Mbsm.pro , COMPRESSOR TECUMSEH,

## L'unite hermetique Compressor

CAJ4511Y, R134a, HMBP(HBP – High Back Pressure),1 HP, 1PH, 220-240 VOLTS , High  
Start Torque (HST)

Condensateur Perm./ Run capacitor : 15 µF / 400 V

## Données techniques

- Modèle: CAJ4511Y
- Gaz: R-134a

- Température/Pression: **Haute Pression**
- Puissance: **1 HP**
- Voltage: **230 V**
- Type De Courant: **Monophasé**
- Fréquence: **50 Hz**
- Type De Compresseur: **Hermétique**
- Décalage: **32.7 cm<sup>3</sup>**
- Cons.Énergie -5°C: **920 W**
- Cons.Énergie 0°C: **1030 W**
- Cons.Énergie +5°C: **1140 W**
- Cons.Énergie +10°C: **1250 W**
- T° De Condensation: **55 °C**
- Capacité Frigorifique -5°C: **1376 Kcal/h**
- Capacité Frigorifique 0°C: **1737 Kcal/h**
- Capacité Frigorifique 5°C: **2150 Kcal/h**
- Capacité Frigorifique 7.2°C: **2347 Kcal/h**
- Capacité Frigorifique 10°C: **2614 Kcal/h**
- Tipo Test: **EN.12900**





PictureS Mbsm Dot Pro : [www.mbsm.pro](http://www.mbsm.pro)

## Mbsm.pro , VRV (Variable Réfrigérant Volume), الدليل الشامل في نظام التكييف ف-ر-ف

Category: Arabe,Technologie

written by Jamila | 8 October 2018

Mbsm.pro , VRV (Variable Réfrigérant Volume), الدليل الشامل في نظام التكييف ف-ر-ف

الدليل الشامل في نظام الـ VRV

نبدأ نبذه عن نظام الـ VRV SYSTEM .. ونبدأ بتاريخ ومسيره هذا النظام ..

بدأ هذا النظام لأول مره في اليابان من اكتشافات وتطوير شركه DAIKIN عام 1982 وكانت شركه DAIKIN اول شركه تنتج ضاغط من نوع single-screw وهذا هو اساس واعتماد هذا النظام وهو ضاغط screw ثم بدأت الشركات الكبرى الاخرى بتقليد هذا النظام وبشكل مشابه بعد انتشار تكنولوجيا هذا الضاغط .. ولكن تم تغيير بعض الاسماء للنظام مثلا بعض الشركات اطلقت على هذا النظام الجديد اسم VRF بدلا من VRV لهذا اذا وجدت بعض الشركات تسميه VRF فهذا بسبب عدم محاوله جعل المستهلك او السوق يضمن ان هذا هو نفس الانتاج الياباني فقط لا اكثر ولا اقل وهو نفس النظام في كل مكان ونفس التكنولوجيا اينما كنت ولو اختلف الاسم كما قلنا ..

على العموم هذا النظام بسيط جدا ولا يختلف عن السبلت العادي الا ببعض الاضافات التي جعلت منه اعقد من السبلت قليلا واكثر سعه واكثر كفاءه ..

وساقوم انشاء الله بشرح اكثر دقه ومفصل عن هذا النظام وها مجرد نبذه عن تاريخ بدايه هذا النظام ..

اساس فكره واعتماد هذا النظام

وهو مايسمى BC CONTROLER ..



وهو ما يسمى BC CONTROLER ..

ماهم ال BC CONTROLER .. هو عبارة عن كنترول مكون من صمامات تعمل بسيطره DC تقوم بتقسيم الفريون والسيطره على توجيه التبريد او التدفئه HOT GAS الى الوحدات الداخليه من حيث ارسال الفريون البارد او الغاز الحار الى الوحدة الداخليه .. وهذا هو الفرق بين هذا النظام والاجهزه القديمه حيث وجود ال BC CONTROLER وفر الكثير من جهد الضاغط والجميل انك عن طريق الكنترولر تستطيع ارسال الغاز الحار الى مكان وفي نفس الوقت تستطيع ارسال التبريد الى غرفه اخرى دون الحاجه الى عكس دوره غاز كل المنصومه .. لنفترض ان شخص في الغرفه A يشعر بالحر .. هذا الشخص له الثرموستات الخاص به في غرفته تسيطر على حراره غرفته فقط ..

ولنفترض ان شخص اخر في الغرفه B يشعر بالبرد يستطيع هذا الشخص عكس دوره التبريد الى تدفئه لغرفته فقط عن طريق عكس دوره الغاز الى تبريد عن طريق الثرموستات الخاص بغرفته .. وذلك بعكس صمام السيطره الخاص بالغرفه B والموجود في ال BC CONTROLER .. مع بقاء باقي النظام يعمل بالشكل الطبيعي وكل غرفه تتحكم بالحراره المرغوب بها حسب الحاجه من ناحيه تدفئه او تبريد وكما بينا .. ودون الحاجه الى تحويل كل النظام الى تدفئه او تبريد فقط ..

دعوني ارفق بعض الصور للتوضيح فقط ولايصال الفكره اولا ولازال هناك الكثير للشرح عن هذا النظام

الرائع .. اقصد ال BC CONTROLER وارجو طرح الاسئله وساكممل الكلام حول ال BC

CONTROLER قريبا بعد اعطيكم اخذ فكره من خلال الصور وطرح الاسئله انشاء الله .. على فكره انابيب القطعه الخارجيه ( الدفع والراجع ) تاتي الى الكنترولير مباشره وليس الى القطعه الداخليه مباشر كما في نظام السبلت القديم والانابيب القادمه من القطعه الخارجيه الى البي سي كنترولير تكون من نوع خاص .. يسمى انابيب نحاس صلب وليس نحاس طري كالعاده في باقي السبلت وهذه نقطه مهمه للعلم ..

ومن ال BC CONTROLER يخرج لكل قطعه داخلية انبوب دفع واخر راجع يعود لل BC

CONTROLER وليس للقطعه الخارجيه .. كما هو معروف في الانظمه القديمه



PictureS Mbsm Dot Pro : [www.mbsm.pro](http://www.mbsm.pro)

Manuel complet dans le système VRV

Nous commençons avec une description du système VRV SYSTEM ..

et commençons la date et le chemin de ce système ..

Ce système a vu le jour au Japon après les découvertes et le développement de DAIKIN en 1982.

DAIKIN a été la première société à produire un compresseur à vis unique, à la base de ce système,

qui est un compresseur à vis, puis d'autres grandes entreprises ont commencé à imiter ce système.

Certains noms du système ont été modifiés, par exemple, certaines sociétés ont lancé ce

nouveau système VRF au lieu de VRV, car si certaines entreprises

l'appellent VRF,

c'est parce qu'elles ne cherchent pas à faire croire au consommateur ou

au marché qu'il s'agit de la même production japonaise. Chaque lieu et la

même technologie,

où que je sois, même si le nom était différent, comme nous l'avions dit. Dans l'ensemble, ce système est très simple et ne diffère pas des méthodes ordinaires,

à l'exception de certains des ajouts qui le rendaient plus compliqué d'un peu plus facile,

plus efficace et plus efficace.

Je vais installer Dieu pour expliquer plus précisément et plus en détail ce système et

voici juste un bref historique du début de ce système.

La base de l'idée et de l'adoption de ce système

Le soi-disant BC CONTROLLER ..

BC CONTROLLER est une unité de contrôle composée de vannes à commande CC qui divisent le fréon et contrôlent l'acheminement du gaz chaud aux unités internes en termes d'envoi de fréon froid ou de lanceur à chaud à l'unité interne. C'est la différence entre ce système et les dispositifs.

Le BC CONTROLLER dispose de beaucoup de puissance de compression et vous pouvez envoyer

le gaz chaud dans un lieu tout en envoyant le réfrigérant dans une autre pièce sans avoir

à inverser le cycle complet du gaz. Supposons qu'une personne dans la pièce A ait chaud.

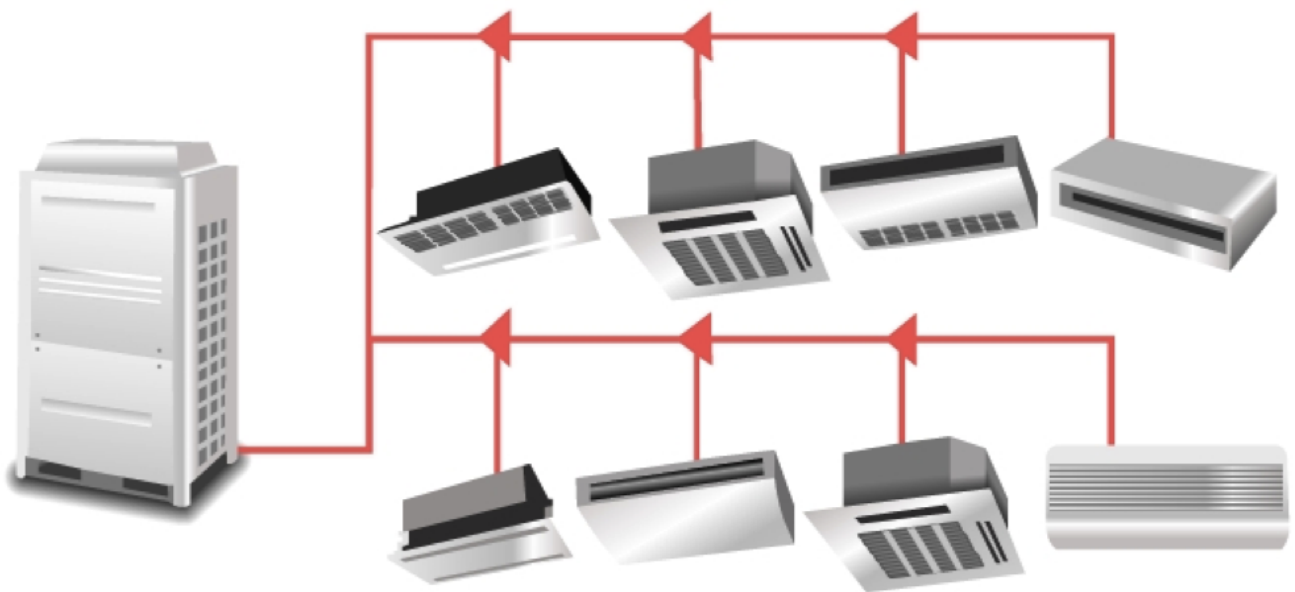
Cette personne a son propre thermostat dans sa chambre contrôlée par le libre Voir seulement sa chambre ..



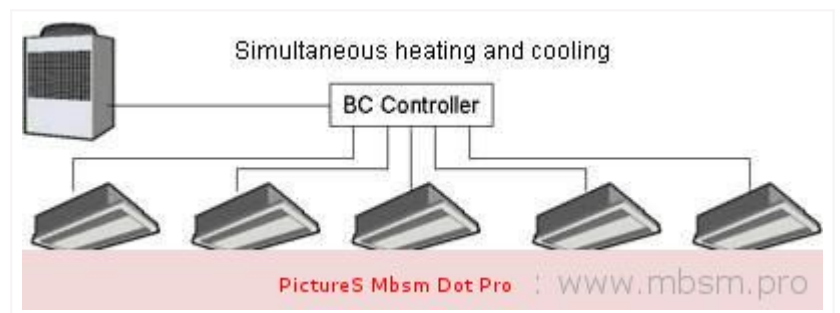
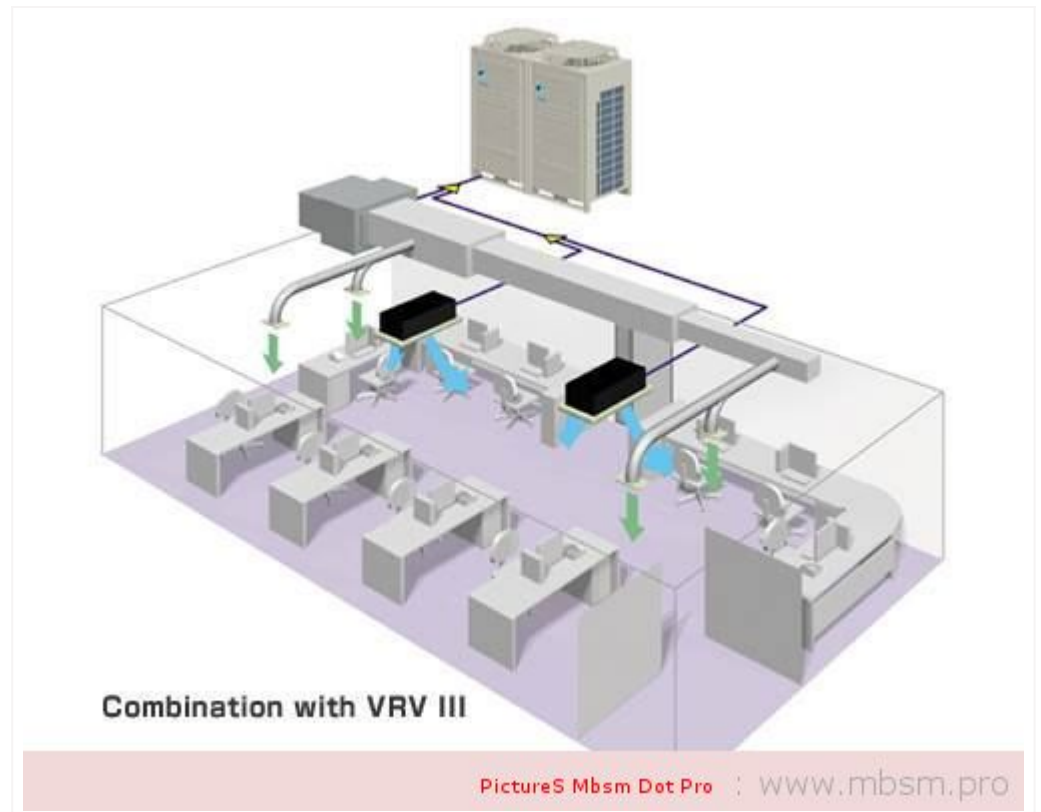
**TOSHIBA**  
**VRF R410A**



PictureS Mbsm Dot Pro : [www.mbsm.pro](http://www.mbsm.pro)



PictureS Mbsm Dot Pro : [www.mbsm.pro](http://www.mbsm.pro)



Mbsm.pro, ZEL GTM93AG, 1/3 Hp ,  
Compressor for wine coolers  
,200-220V/50Hz 220-230V/60Hz, R134A

Category: Solutions,Tester ok  
written by Jamila | 8 October 2018



PictureS Mbsm Dot Pro : [www.mbsm.pro](http://www.mbsm.pro)

Mbsm.pro, ZEL GTM93AG, 1/3 Hp , Compressor for wine coolers ,200-220V/50Hz  
220-230V/60Hz, R134A



PictureS Mbsm Dot Pro : [www.mbsm.pro](http://www.mbsm.pro)

| نموذج   | محرك    | Displ | قوة | نوع المحرك | التردد | قدرة التبريد | مدخل الطاقة | مقاومة الإدخال (RC) |
|---------|---------|-------|-----|------------|--------|--------------|-------------|---------------------|
| GTM93AG | التحريك | 9.3   | 1/3 | مضخة       | 60     | 290          | 220         | 0                   |
| GTM93AG | التحريك | 9.3   | 1/3 | مضخة       | 50     | 248          | 216         | 0                   |
| GTM12AA | التحريك | 12    | 1/3 | مضخة       | 50     | 320          | 241         | 0                   |
| GTM10AA | التحريك | 10.6  | 1/3 | مضخة       | 50     | 300          | 226         | 0                   |
| GTM93AA | التحريك | 10    | 1/3 | RSIR       | 50     | 280          | 207         | 0                   |
| GTM75AA | شركة    | 7.5   | 1/5 | مضخة       | 50     | 280          | 160         | 0                   |

Place of Origin: China

## Product Description

## Product Description

ZEL GTM93AG Compressor for wine coolers 200-220V/50Hz 220-230V/60Hz R134A  
Specifications

Refrigeration Compressor

Refrigerator, freezer, drinking fountains and home ice cream,

Refrigeration Compressor

Application: Refrigerator, freezer, drinking fountains and home ice cream, ice-making machines and other products

Production Standard: CCC, DVE, RoHS, UL certificate

Packing: Carton

Household Applications

- Freezers
- Refrigerators
- Wine Coolers

Commercial Applications

- Horizontal Freezers
- Merchandisers
- Equipment for professional kitchens
- Dispenser
- Water Coolers
- Wine Coolers
- Ice makers
- Vending Machines
- Minibar

They are the best selling high-tech compressors sold in the world. They are ideal for domestic refrigeration and also for small commercial applications.

They are small, have low noise and vibration levels, they achieve the highest levels of efficiency available in the market for this category.

For more details of the refrigeration compressor, please contact us.

| Model   | Displacement    | Height | Motor | Type | Cooling | capacity | COP  | Power      | Supply |
|---------|-----------------|--------|-------|------|---------|----------|------|------------|--------|
|         | cm <sup>3</sup> | MM     |       |      | W       |          | W/W  | V/Hz       |        |
| GTM93AG | 9.3             | 183    | CSIR  |      | 248     |          | 1.15 | 200-220/50 |        |
|         |                 | 183    | CSIR  |      | 290     |          | 1.30 | 220-230/60 |        |

Related Keywords

Compressor Wine Coolers , Coolers For Wine Bottles , Air Compressor For Engineerin

China Compressor Wine Coolers , China Coolers For Wine Bottles , China Air Compressor For Engineerin



Mbsm.pro , Compressor ACC ,Cubigel Huayi, Electrolux ZEM, GP12TG, HMBP-R134a, 220-230V ,50/60Hz, 3.8 HP

Category: Solutions,Tester ok

written by Jamila | 8 October 2018

Mbsm.pro , Compressor ACC ,Cubigel Huayi, Electrolux ZEM, GP12TG, HMBP-R134a,

220-230V ,50/60Hz, 3.8 HP



## COMPRESSOR

|                    |                 |
|--------------------|-----------------|
| Displacement (cm3) | 12              |
| Diameter (mm)      | 29.37           |
| Stroke (mm)        | 17.8            |
| Net Weight (Kg)    | 11.2            |
| Oil type           | ISO VG 22 ESTER |
| Oil charge (cm3)   | 400             |

## MOTOR

|                                       |           |
|---------------------------------------|-----------|
| Approximate Power (CV)                | 3/8       |
| Voltage/Frequency (V/Hz)              | 200V 50Hz |
| Voltage range (V)                     | 170-242   |
| Code                                  | 61.575    |
| Type                                  | CSIR      |
| Phase number                          | 1 PH      |
| Locked rotor current (A)              | 16.0      |
| Main W. resist. at 25°C ( $\Omega$ )  | 4.59      |
| Start W. resist. at 25°C ( $\Omega$ ) | 16.52     |

## APPLICATION

|                         |                         |
|-------------------------|-------------------------|
| Application             | High/Mid. back pressure |
| Refrigerant             | R134a                   |
| Evaporating (°C)        | -25 to 10               |
| Expansion               | Capillar/Valve          |
| Comp. cooling           | Fan cooled              |
| Max. ambient temp. (°C) | 43                      |

## NOMINAL PERFORMANCE

|                           |      |      |
|---------------------------|------|------|
| Cooling capacity (kcal/h) | 768  | 920  |
| Input power (W)           | 505  | 530  |
| EER (kcal/Wh)             | 1.52 | 1.73 |
| COP (W/W)                 | 1.76 | 2.01 |
| Current (A)               | 3.29 | 3.39 |

### TEST CONDITIONS

|                             |           |           |
|-----------------------------|-----------|-----------|
| Evaporating temp. (°C)      | 5.0       | 7.2       |
| Condensing temp. (°C)       | 55.0      | 55.0      |
| Liq.t. entering expan. (°C) | 55.0      | 46.0      |
| Ambient t. and return (°C)  | 32.0      | 35.0      |
| Tens/Freq (V/Hz)            | 200V 50Hz | 200V 50Hz |

## ELECTRICAL COMPONENTS

|             |                                                                                   |           |
|-------------|-----------------------------------------------------------------------------------|-----------|
| Relay       |  | 2014 149. |
| Pick-Up (A) |                                                                                   | 7 80      |

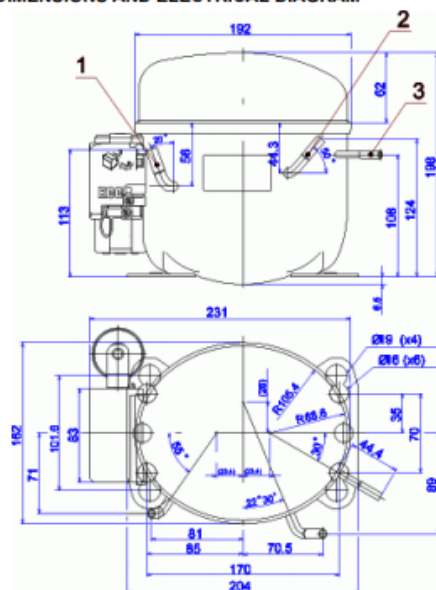


PictureS Mbsm Dot Pro : [www.mbsm.pro](http://www.mbsm.pro)

## ELECTRICAL COMPONENTS

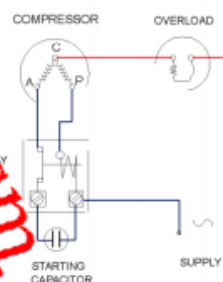
|                               |              |              |
|-------------------------------|--------------|--------------|
| Relay                         | 2014 149.    |              |
| Pick-Up (A)                   | 7.80         |              |
| Drop-Out (A)                  | 6.65         |              |
| Protector                     | MRT20APK     | T0188        |
| Current (A)                   | 13.2         | 12.3         |
| Time check (seg)              | 7.5-14       | 7.5-14       |
| Disc temp. (Open/Close) (°C)  | 105.0 / 61.0 | 115.0 / 61.0 |
| Starting capacitor (μF/V/F/V) | 47- 56 / 330 |              |

### DIMENSIONS AND ELECTRICAL DIAGRAM



|   | DESIGNATION     | INTERNAL DIAM. (MM) |
|---|-----------------|---------------------|
| 1 | Suction/Service | 8,1                 |
| 2 | Service/Suction | 8,1                 |
| 3 | Discharge       | 6,5                 |

## CSIR



PictureS Mbsm Dot Pro : [www.mbsm.pro](http://www.mbsm.pro)

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# MBSM.PRO , Compressor, Electrolux-Zem GL60AA R134A ,1/6 HP , 1PH , 220-240 V 50 Hz

Category: Solutions,Tester ok

written by Jamila | 8 October 2018

MBSM.PRO , Compressor, Electrolux-Zem GL60AA R134A ,1/6 HP , 1PH , 220-240 V 50 Hz



- Puissance en cheval 1/6 CV
- Cylindrée 5.99 cm<sup>3</sup>
- 220-240 V 50 Hz
- Gaz R134a LBP
- Température d'utilisation max. 32°C
- Avec boîtier et système de démarrage

La photo montre l'aspect du compresseur, pas son étiquette réelle

Codes fabricants

- ACC-GL60AA
- ACC-GL60AB
- ACC-GL60AH
- CUBIGEL-GL60AA
- CUBIGEL-GL60AB
- CUBIGEL-GL60AH
- MONDIAL ELITE-4106004
- MONDIAL ELITE-1147031
- Embraco Aspera- B1112Z

**ZEM**

GL

CE

220-240V

**R 134a**



BEAB  
Approved



017



PictureS Mbsm Dot Pro : [www.mbsm.pro](http://www.mbsm.pro)



PictureS Mbsm Dot Pro : [www.mbsm.pro](http://www.mbsm.pro)

Mbsm\_dot\_pro\_private\_PDF\_GL60AATélécharger  
Mbsm\_dot\_pro\_private\_PDF\_-GL60AATélécharger



**Type:** Hermetic piston compressors**Producer:** ACC**Series:** HMBP

**Model:** GL60AA

#### **General data**

Refrigerant: R134a  
Discharge element: C  
Cooling: S  
Maximum ambient temperature [°C]: 43

#### **Compressor's data**

Cylinder capacity [cm³]: 6  
Displacement [m³/h]: 1  
Weight [kg]: 9,1  
Oil charge [cm³]: 265  
Oil type: ISO VG 19 ESTER

#### **Engine's data**

Engine type: RSIR  
Power [KM]: 1/6  
Starting element: LST  
Power supply: 220V 50Hz  
Voltage range: 187-264  
Locked rotor current [A]: 9,9  
Running winding resistance (25°C) [Ω]: 15,6  
Starting winding resistance (25°C) [Ω]: 21,31

#### **Electrical data**

Relays: 3003  
Shielding element: MRA38028, T0508, AF18FU  
Starting capacitor volume [μF]:

#### **Connections**

|                 | milimeters | inches |
|-----------------|------------|--------|
| Suction tube:   | 6,5        |        |
| Service tube:   | 6,5        |        |
| Discharge tube: | 4,9        |        |

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**Mbsm.pro , Qb73c15gax5 ,R134a ,  
Refrigeration Compressor ,1/4 Hp,  
Panasonic compressor catalogue, QB  
series , 1Ph , 220V 50Hz**

Category: Solutions,Tester ok

written by Jamila | 8 October 2018



PictureS Mbsm Dot Pro : [www.mbsm.pro](http://www.mbsm.pro)

Mbsm.pro , Qb73c15gax5 ,R134a , Refrigeration Compressor ,1/4 Hp, Panasonic compressor catalogue, QB series , 1Ph , 220V 50Hz

| Rated voltage<br>/ Frequency | Model       | ASHRAE   |         |           |      |          |         |           |      | Voltage range                    |
|------------------------------|-------------|----------|---------|-----------|------|----------|---------|-----------|------|----------------------------------|
|                              |             | 50Hz     |         |           |      | 60Hz     |         |           |      |                                  |
|                              |             | Capacity |         | COP - W/W |      | Capacity |         | COP – W/W |      |                                  |
|                              |             | W        | kcal/hr | RSIR      | RSCR | W        | kcal/hr | RSIR      | RSCR |                                  |
| 220V<br>50Hz/60Hz            | QB51C99GAX0 | 128      | 110     | 1.14      | -    | 157      | 135     | 1.17      | -    | 170V-250V 50Hz<br>187V-242V 60Hz |
|                              | QB57C11GAX0 | 146      | 126     | 1.18      | -    | 175      | 151     | 1.22      | -    |                                  |
|                              | QB66C16GAX0 | 165      | 142     | 1.20      | -    | 200      | 172     | 1.27      | -    |                                  |
|                              | QB77C18GAX0 | 202      | 174     | 1.21      | -    | 224      | 193     | 1.27      | -    |                                  |
|                              | QB91C24GAX0 | 236      | 203     | 1.19      | -    | 255      | 219     | 1.22      | -    |                                  |
| 220V 50Hz                    | QB66C13GAX5 | 165      | 142     | 1.19      | -    |          |         |           |      | 170V-250V                        |
|                              | QB73C15GAX5 | 185      | 159     | 1.19      | -    |          |         |           |      |                                  |
|                              | QB77C16GAX5 | 202      | 174     | 1.22      | -    |          |         |           |      |                                  |
|                              | QB91C19GAX5 | 236      | 203     | 1.25      | -    |          |         |           |      |                                  |

| Rated voltage<br>/ Frequency | Model        | ASHRAE   |         |           |      |          |         |           |      | Voltage range                    |
|------------------------------|--------------|----------|---------|-----------|------|----------|---------|-----------|------|----------------------------------|
|                              |              | 50Hz     |         |           |      | 60Hz     |         |           |      |                                  |
|                              |              | Capacity |         | COP - W/W |      | Capacity |         | COP – W/W |      |                                  |
|                              |              | W        | kcal/hr | CSIR      | RSCR | W        | kcal/hr | CSIR      | RSCR |                                  |
| 220V<br>50z/60Hz             | QB110C25CAX0 | 273      | 235     | 1.18      | -    | 279      | 240     | 1.19      | -    | 170V-250V 50Hz<br>198V-242V 60Hz |

PictureS Mbsm Dot Pro : [www.mbsm.pro](http://www.mbsm.pro)

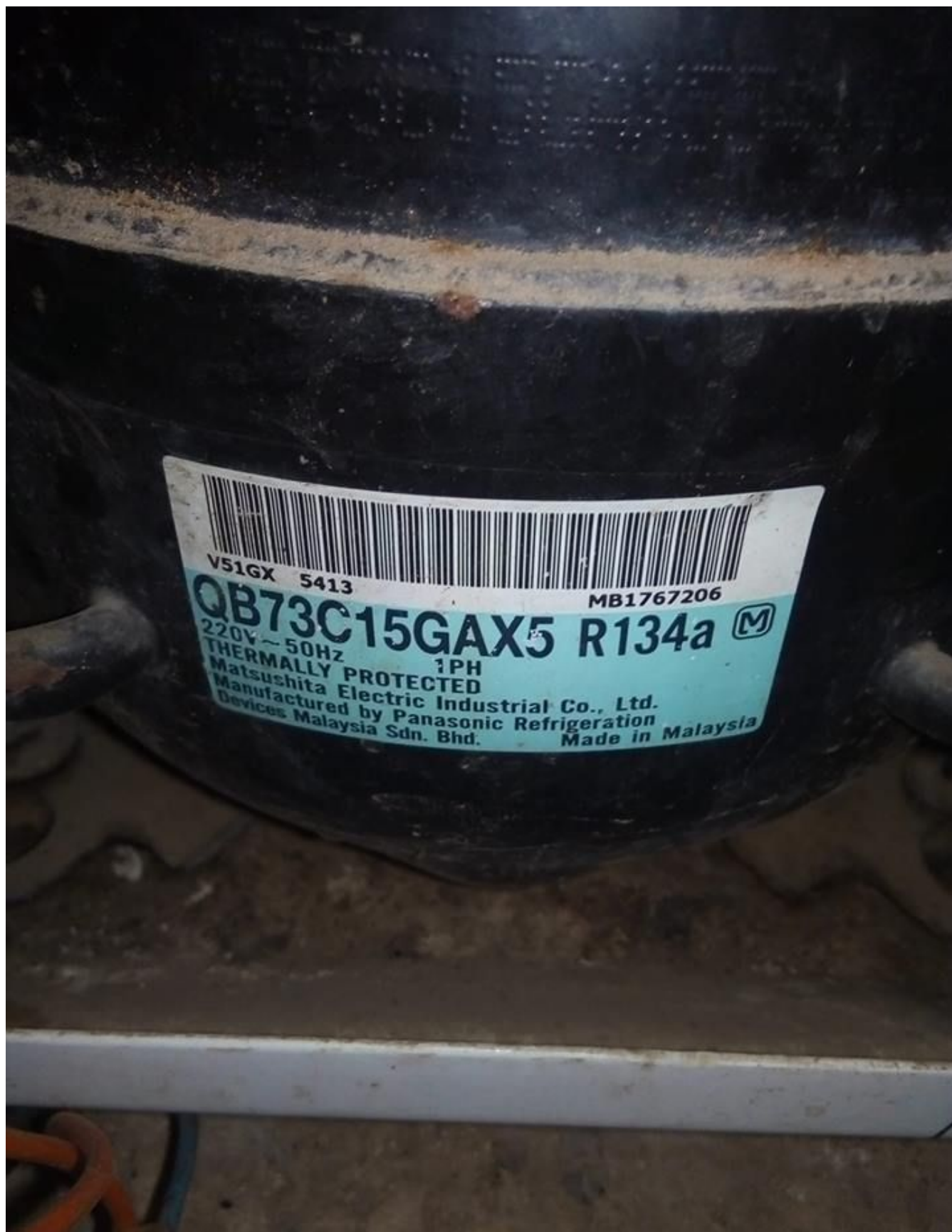


PictureS Mbsm Dot Pro : [www.mbsm.pro](http://www.mbsm.pro)

## Performance DATA

## Application &amp; Refrigerant LBP R134a

| Voltage                 | Model        | Displacement<br>cm <sup>3</sup> | *2) Capacity (W)        |     |     |     |     | *3) C.O.P. |      | *4)<br>Motor type | Compressor<br>cooling *5) |    |    | Net weight<br>kg |      | Oil charge<br>cm <sup>3</sup> |     |
|-------------------------|--------------|---------------------------------|-------------------------|-----|-----|-----|-----|------------|------|-------------------|---------------------------|----|----|------------------|------|-------------------------------|-----|
|                         |              |                                 | Evaporating temperature |     |     |     |     | NO         | YES  |                   | ST                        | OC | FC | ST/FC            | OC   | ST/FC                         | OC  |
| *6)<br>100V<br>50/60Hz  | QB57C88RA00  | 5.65                            | 118                     | 161 | 178 | 213 | 271 | 1.27       | 1.33 | RSIR/RSCR         | O                         | -  | O  | 9.1              | -    | 250                           | -   |
|                         | QB66C12CA00  | 6.55                            | 119                     | 164 | 185 | 219 | 293 | 1.19       | -    | CSIR              | -                         | -  | O  | 8.8              | -    | 250                           | -   |
|                         | QB66C13RA00  | 6.55                            | 133                     | 182 | 200 | 239 | 304 | 1.28       | 1.37 | RSIR/RSCR         | O                         | -  | O  | 9.4              | -    | 280                           | -   |
|                         | QB86C18TA00  | 8.56                            | 170                     | 226 | 248 | 295 | 376 | -          | 1.35 | CSCR              | -                         | -  | O  | 9.9              | -    | 280                           | -   |
|                         | QB91C18CA00  | 9.07                            | 163                     | 226 | 251 | 303 | 394 | -          | 1.21 | CSIR              | -                         | -  | O  | 9.6              | -    | 250                           | -   |
| 220V<br>50Hz            | QB66C13GAX5  | 6.55                            | 108                     | 149 | 165 | 200 | 263 | 1.23       | -    | RSIR              | O                         | -  | -  | 9.2              | -    | 250                           | -   |
|                         | QB73C15GAX5  | 7.27                            | 121                     | 167 | 185 | 224 | 294 | 1.23       | -    | RSIR              | O                         | O  | -  | 9.7              | 9.9  | 250                           | 300 |
|                         | QB77C16GAX5  | 7.69                            | 131                     | 182 | 202 | 245 | 319 | 1.26       | -    | RSIR              | O                         | O  | -  | 9.8              | 10.0 | 250                           | 300 |
|                         | QB86C18GAX5  | 8.56                            | 145                     | 200 | 222 | 268 | 347 | 1.26       | -    | RSIR              | O                         | O  | O  | 9.9              | 10.1 | 250                           | 300 |
|                         | QB91C19GAX5  | 9.07                            | 154                     | 213 | 236 | 285 | 372 | 1.29       | -    | RSIR              | O                         | O  | O  | 10.2             | 10.5 | 250                           | 300 |
|                         | QB110C25GAX5 | 10.86                           | 176                     | 246 | 273 | 331 | 432 | 1.18       | -    | RSIR              | -                         | O  | O  | 10.4             | 10.6 | 250                           | 300 |
| *4)<br>220-240V<br>50Hz | QB51C74GAW5  | 5.10                            | 84                      | 116 | 128 | 153 | 196 | 1.21       | -    | RSIR              | O                         | -  | -  | 8.7              | -    | 250                           | -   |
|                         | QB57C87GAW5  | 5.65                            | 97                      | 132 | 146 | 175 | 225 | 1.23       | -    | RSIR              | O                         | -  | -  | 8.9              | -    | 250                           | -   |
|                         | QB66C97GAW5  | 6.55                            | 108                     | 149 | 165 | 200 | 263 | 1.25       | -    | RSIR              | O                         | O  | -  | 9.2              | -    | 250                           | -   |
|                         | QB73C12GAW5  | 7.27                            | 121                     | 167 | 185 | 224 | 294 | 1.26       | -    | RSIR              | O                         | O  | -  | 9.7              | -    | 250                           | -   |
|                         | QB77C13GAW5  | 7.69                            | 131                     | 182 | 202 | 245 | 319 | 1.27       | -    | RSIR              | O                         | O  | -  | 9.8              | -    | 250                           | -   |
|                         | QB86C13GAW5  | 8.56                            | 145                     | 200 | 222 | 268 | 347 | 1.27       | -    | RSIR              | O                         | O  | O  | 9.9              | -    | 250                           | -   |
|                         | QB91C16GAW5  | 9.07                            | 154                     | 213 | 236 | 285 | 372 | 1.28       | -    | RSIR              | O                         | O  | O  | 10.2             | -    | 250                           | -   |



PictureS Mbsm Dot Pro : [www.mbsm.pro](http://www.mbsm.pro)

Mbsm\_dot\_pro\_private\_PDF\_Panasonic-compressor-catalogue-QB-seriesTélécharger

# Mbsm.pro , Fn77q17g , 1/4Hp , Electrostar , R12 Refrigerator Compressors , 220V/50-60Hz , 1Ph ,for Refrigerator/Freezer

Category: Solutions,Tester ok  
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PictureS Mbsm Dot Pro : [www.mbsm.pro](http://www.mbsm.pro)

Mbsm.pro , Fn77q17g , 1/4Hp , Electrostar , R12 Refrigerator Compressors ,  
220V/50-60Hz , 1Ph ,for Refrigerator/Freezer



PictureS Mbsm Dot Pro : [www.mbsm.pro](http://www.mbsm.pro)

- 1) SO60LKAA OR equivalent in 1/10 HP
- 2) FN43Q88G OR equivalent in 1/8 HP
- 3) FN51Q10G OR equivalent in 1/6 HP
- 4) FN57Q12G OR equivalent in 1/5 HP
- 5) FN66Q14G OR equivalent in 1/5 HP Powerful
- 6) **FN77Q17G** OR equivalent in 1/4 HP
- 7) FN91Q20G OR equivalent in 1/4 HP Powerful
- 8) FN110Q24G OR equivalent in 1/3 HP



PictureS Mbsm Dot Pro : [www.mbsm.pro](http://www.mbsm.pro)

# Compressor tests - Calorimeter

| Type              |          | FN77Q17G 1)  | QA77C17GAX5         | QA91C22GAX5      |
|-------------------|----------|--------------|---------------------|------------------|
| Parameter         |          |              |                     |                  |
| Evaporation temp. | [°C]     | LBP<br>-23,3 | LBP<br>-25 2) -23,3 | LBP<br>-25 -23,3 |
| Refrigerant       |          | R12          | R134a               | R134a            |
| Q <sub>0</sub>    |          |              |                     |                  |
| CECOMAF           | [W]      |              | 116,7               | 135              |
| ASHRAE            | [W]      | 191          | 154,2               | 187,1            |
| ASHRAE            | [kcal/h] | 165          | 132,6               | 161              |
| P <sub>1</sub>    |          |              |                     |                  |
| CECOMAF           | [W]      |              | 144,1               | 166,4            |
| ASHRAE            | [W]      | 180          | 148,4               | 171,4            |
| COP               |          |              |                     |                  |
| CECOMAF           | [W/W]    |              | 0,81                | 0,81             |
| ASHRAE            | [W/W]    | 1,06         | 1,04                | 1,09             |
| Start test        |          |              |                     |                  |
| cold tw = 32 °C   |          | -            | o.k                 | o.k              |
| warm tw = 100 °C  |          | -            | o.k                 | o.k              |

1) Leaflet data, original compressor

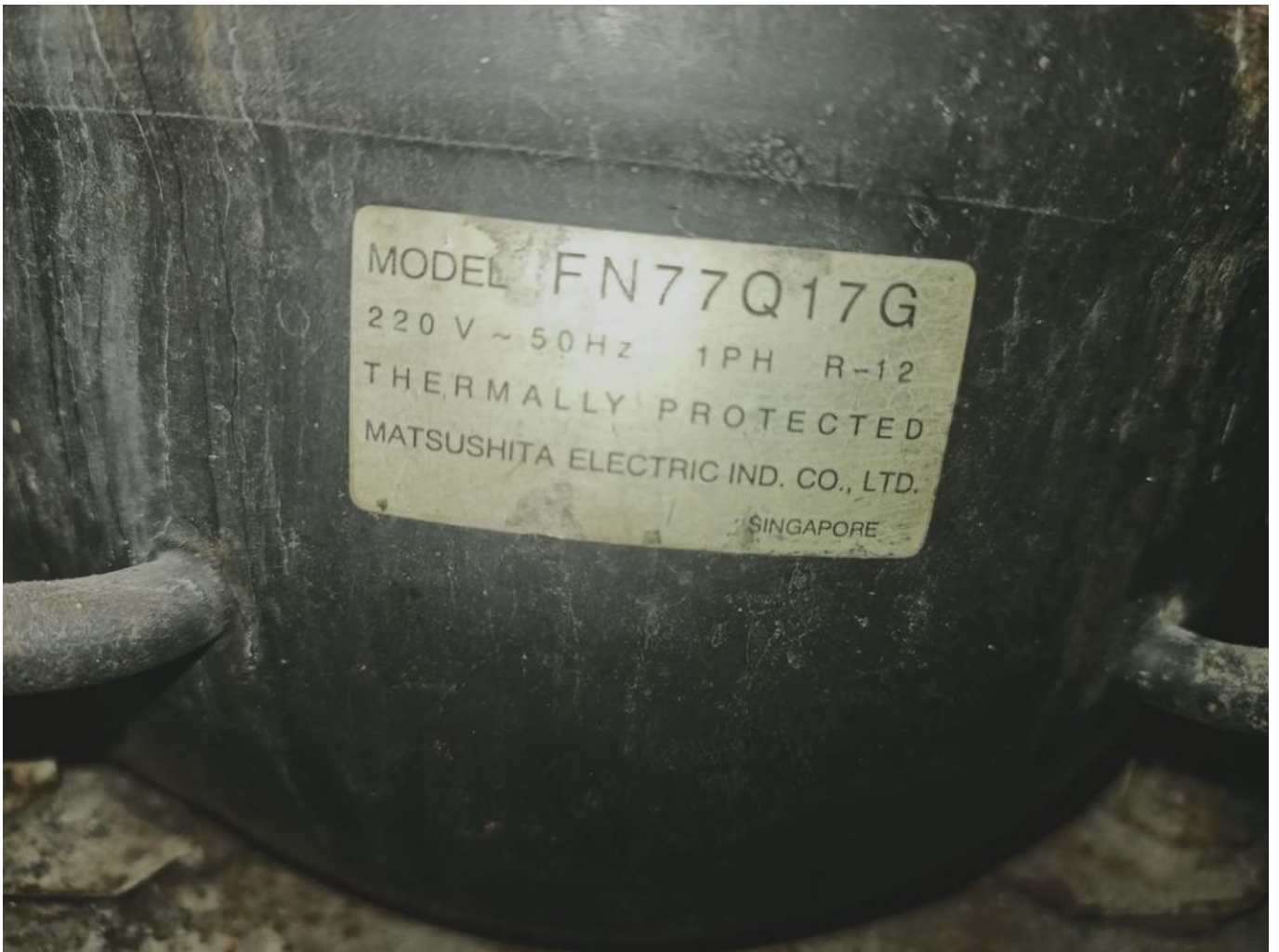
2) average two compressors, measuring

PictureS Mbsm Dot Pro : [www.mbsm.pro](http://www.mbsm.pro)

- 1)S060LKAA OR equivalent in 1/10 HP
- 2)FN43Q88G OR equivalent in 1/8 HP
- 3)FN51Q10G OR equivalent in 1/6 HP
- 4)FN57Q12G OR equivalent in 1/5 HP
- 5)FN66Q14G OR equivalent in 1/5 HP Powerful
- 6)FN77Q17G OR equivalent in 1/4 HP
- 7)FN91Q20G OR equivalent in 1/4 HP Powerful
- 8)FN110Q24G OR equivalent in 1/3 HP



PictureS Mbsm Dot Pro : [www.mbsm.pro](http://www.mbsm.pro)



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# Mbsm.pro ,Jx58lhs5-k , DAEW00 COMPRESSOR ,FOR REFRIGERATOR ,1/5 Hp , 220/240 V , R134A

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PictureS Mbsm Dot Pro : [www.mbsm.pro](http://www.mbsm.pro)

Mbsm.pro ,Jx58lhs5-k , DAEW00 COMPRESSOR ,FOR REFRIGERATOR ,1/5 Hp , 220/240 V ,  
R134A



3

jx58lhs5



JX58LHS5-K

fx

| O | N   | M     | L   | K | A           |     |
|---|-----|-------|-----|---|-------------|-----|
|   | 290 | R134a | LBP |   | HPL25YE-5-K | 78  |
|   | 290 | R134a | LBP |   | HPL25YE-5-L | 79  |
|   |     |       |     |   |             | 80  |
|   |     |       |     |   |             | 81  |
|   |     |       |     |   |             | 82  |
|   |     |       |     |   | MODEL       | 83  |
|   |     |       |     |   |             | 84  |
|   | 290 | R134a | LBP |   | HKL27YE-5   | 85  |
|   | 290 | R134a | LBP |   | HPL27YE-5   | 86  |
|   | 290 | R134a | LBP |   | HPL27YE-5-K | 87  |
|   | 290 | R134a | LBP |   | HSL27YE-5A  | 88  |
|   | 290 | R134a | LBP |   | HKL30YE-5   | 89  |
|   | 290 | R134a | LBP |   | HPL30YE-5   | 90  |
|   | 290 | R134a | LBP |   | HPL30YE-5-K | 91  |
|   | 290 | R134a | LBP |   | HSL30YE-5   | 92  |
|   | 290 | R134a | LBP |   | DH70LHP5    | 93  |
|   | 290 | R134a | LBP |   | DH80LHP5    | 94  |
|   | 290 | R134a | LBP |   | DH90LHK5    | 95  |
|   | 290 | R134a | LBP |   | DH99LHP5    | 96  |
|   | 290 | R134a | LBP |   | DH90LHP5    | 97  |
|   | 290 | R134a | LBP |   | DH120LHG5   | 98  |
|   | 290 | R134a | LBP |   | DH126LHG5   | 99  |
|   | 290 | R134a | LBP |   | DM99LHK5    | 100 |
|   | 230 | R134a | LBP |   | JX41LHP5-K  | 101 |
|   | 230 | R134a | LBP |   | JX41LHS5    | 102 |
|   | 230 | R134a | LBP |   | JX46LHS5    | 103 |
|   | 230 | R134a | LBP |   | JX51LHS5-K  | 104 |
|   | 230 | R134a | LBP |   | JX51LHS5    | 105 |
|   | 230 | R134a | LBP |   | JX51LHT5    | 106 |
|   | 230 | R134a | LBP |   | JX55LHP5-K  | 107 |
|   | 230 | R134a | LBP |   | JX55LHS5-K  | 108 |
|   | 230 | R134a | LBP |   | JX58LHK5    | 109 |
|   | 230 | R134a | LBP |   | JX58LHP5    | 110 |
|   | 230 | R134a | LBP |   | JX58LHP5-K  | 111 |
|   | 230 | R134a | LBP |   | JX58LHS5    | 112 |
|   | 230 | R134a | LBP |   | JX58LHS5-K  | 113 |
|   | 230 | R134a | LBP |   | JX58LHS5A   | 114 |
|   |     |       |     |   |             | 115 |
|   |     |       |     |   |             | 116 |



كويجيل

هواي

دايو





## Vue d'ensemble

### Description rapide

Point d'origine: Gwangju, South Korea    Marque nom: daewoo    Numéro de Type: Jx58lhs5-k  
Type: Compresseur frigorifique    Application: Pièces de réfrigération    Certification: CE  
alternatif: compresseur

### Capacité d'approvisionnement

Capacité d'approvis...30000 Piece/Pieces per Day

### Emballage et livraison

Détails d'emballage Palettisation  
Port Busan, Korea  
Délai : 4weeks



PictureS Mbsm Dot Pro : [www.mbsm.pro](http://www.mbsm.pro)

### Specifications

DAEWOO COMPRESSOR FOR REFRIGERATOR

\* R134a/lbp  
-Origine: Corée

| Nominale<br>Tension<br>[V-hz] | HP  | Modèle      | Moteur<br>Type | Refroidissement<br>Capacité [W] | Puissance<br>Entrée<br>[W] | COP<br>[W/w] | Refroidissement<br>Type |
|-------------------------------|-----|-------------|----------------|---------------------------------|----------------------------|--------------|-------------------------|
| 220/240-50                    | 1/5 | JX58LHS5-K  | Rsir           | 163                             | 145                        | 1.12         | ST                      |
|                               | 1/4 | HPL25YE-5-K | Rscr           | 203                             | 171                        | 1.19         | ST                      |
|                               | 1/3 | HPL30YE-5-K | Rscr           | 257                             | 207                        | 1.24         | ST                      |



\* Réduit la température du moteur  
\* Mise à jour pompe fiabilité  
\* Réduction de Bruit Niveau  
\* Amélioration de la capacité de protection

PictureS Mbsm Dot Pro : [www.mbsm.pro](http://www.mbsm.pro)

## Description rapide

Point d'origine:  
Gwangju, South Korea

Marque nom:  
daewoo

Numéro de Type:  
Jx58lhs5-k

Type:  
Compresseur frigorifique

Application:  
Pièces de réfrigération

Certification:

CE

alternatif:  
compresseur

Capacité d'approvisionnement

Capacité d'approvisionnement:  
30000 Piece/Pieces per Day

Emballage et livraison

Détails d'emballage  
Palettisation

Port  
Busan, Korea

Délai : :  
4weeks

## Specifications

DAEWOO COMPRESSOR FOR REFRIGERATOR

\* **R134a/lbp**

-**Origine: Corée**

| Nominale<br>Tension<br>[V-hz] | HP  | Modèle      | Moteur<br>Type | Refroidissement<br>Capacité [W] | Puissance<br>Entrée<br>[W] | COP<br>[W/w] | Refroidissement<br>Type |
|-------------------------------|-----|-------------|----------------|---------------------------------|----------------------------|--------------|-------------------------|
| 220/240-50                    | 1/5 | JX58LHS5-K  | Rsir           | 163                             | 145                        | 1.12         | ST                      |
|                               | 1/4 | HPL25YE-5-K | Rscr           | 203                             | 171                        | 1.19         | ST                      |
|                               | 1/3 | HPL30YE-5-K | Rscr           | 257                             | 207                        | 1.24         | ST                      |

- \* Réduit la température du moteur
- \* Mise à jour pompe fiabilité
- \* Réduction de Bruit Niveau
- \* Amélioration de la capacité de protection