

# HFC refrigerant , hydrofluorocarbons , is the third generation, of fluorinated refrigerants

written by Lilianne | 27 April 2020

HFC refrigerant (hydrofluorocarbons) is the third generation of fluorinated refrigerants. Recognized as Ozone Depleting Potential (ODP) and Global Warming Potential (GWP), they represent a greener alternative to CFC and HCFC. Refrigerants in this group are applicable to refrigeration plants and air conditioning units designed specifically for their use. In addition, they can serve as drop-in replacements for older CFCs and HCFCs.

The HFC group includes the following products:

R23

R32

R134a

R404A

R407A

R407C

R407F (PERFORMAX LT)

R410A

R417A (ISCEON M059)

R422A (ISCEON M079)

R422D (ISCEON M029)

R423A (ISCEON 39TC)

R424A (RS-44)

R427A (Forane 427A)

R428A (RS-52)

R434A (RS-45)

R437A (ISCEON M049Plus)

R438A (ISCEON M099)

R442A (RS-50)

R449A (OPTEON XP40)

R507A

R508B (SUVA 95)

ISCEON M089

R1234yf

مركبات الهيدروفلوروكربون) هي الجيل الثالث من المبردات (HFC المفلورة

وإمكانية (ODP) معترف بها على أنها إمكانات استنفاد الأوزون . فهي تمثل بديلاً أكثر خضرة لمركبات ، (GWP) الاحترار العالمي الكربون الكلورية فلورية ومركبات الكربون الهيدروكلورية فلورية . تنطبق المبردات في هذه المجموعة على محطات التبريد ووحدات تكييف الهواء المصممة خصيصاً لاستخدامها. بالإضافة إلى ذلك ، يمكن أن تكون بمثابة بدائل منسدة لمركبات الكربون الكلورية فلورية ومركبات الكربون الهيدروكلورية فلورية القديمة.

:المنتجات التالية HFC تتضمن مجموعة

R23

R32

R134a

R404A

R407A

R407C

R407F (PERFORMAX LT)

R410A

R417A (ISCEON M059)

R422A (ISCEON M079)

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R442A (RS-50)  
R449A (OPTEON XP40)  
R507A  
R508B (SUVA 95)  
ISCEON M089  
R1234yf

Le réfrigérant HFC (hydrofluorocarbures) est la troisième génération de réfrigérants fluorés. Reconnus comme potentiel d'appauvrissement de la couche d'ozone (ODP) et potentiel de réchauffement planétaire (GWP), ils représentent une alternative plus verte au CFC et au HCFC. Les réfrigérants de ce groupe sont applicables aux installations de réfrigération et aux unités de climatisation conçues spécifiquement pour leur utilisation. De plus, ils peuvent servir de remplacements directs pour les CFC et HCFC plus anciens.

Le groupe HFC comprend les produits suivants:

R23  
R32  
R134a  
R404A  
R407A  
R407C  
R407F (PERFORMAX LT)  
R410A  
R417A (ISCEON M059)  
R422A (ISCEON M079)  
R422D (ISCEON M029)  
R423A (ISCEON 39TC)  
R424A (RS-44)  
R427A (Forane 427A)  
R428A (RS-52)  
R434A (RS-45)  
R437A (ISCEON M049Plus)  
R438A (ISCEON M099)  
R442A (RS-50)  
R449A (OPTEON XP40)

R507A

R508B (SUVA 95)

ISCEON M089

R1234yf





Picture5 Mbsm Dot Pro : www.mbsm.pro

**Notion , Ne jamais utiliser de , pâte à joints, ni Téflon, ni filasse pour , l'étanchéité des raccords , de Climatisation**

written by Lilianne | 27 April 2020

Notion , Ne jamais utiliser de , pâte à joints, ni Téflon, ni filasse pour , l'étanchéité des raccords , de Climatisation

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**systeme de controle, de  
climatiseur, universel QD-  
U03C , QD-U08C , QD U05 PGC ,  
commande à distance  
, universelle , climatiseur  
, panneau de systeme, de  
contrôle A/C**

written by Lilianne | 27 April 2020

systeme de controle, de climatiseur, universel QD-U03C , QD-  
U08C , QD U05 PGC , commande à distance , universelle  
, climatiseur , panneau de systeme, de controle A/C

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**QD110H , Chest Freezer  
Compressor , 1/3HP , 220V/50Hz  
, R134A**

written by Lilianne | 27 April 2020

1/3HP Refrigeration Compressor 220V/50Hz R134A

AC Compressor: R134A Hermetic LBP Piston Reciprocating  
Compressor

Model: WQ110H

Power Supply: 220-240/50-60V/Hz  
Displacement: 11CC  
Nominal Power: 1/3HP  
Rated Power: 233W  
Cooling Capacity: 280W  
COP: 1.20W/W  
Motor Type: RSIR  
Starting relay: Starting Relay/PTC  
Starting Capacitor: / $\mu$  F  
Running Capacitor: / $\mu$  F  
Cooling Type: F  
Application: LBP  
Certificate: 3C  
1X20'FCL: 1600PCS





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

#### Application:

LBP: Low back pressure; Refrigerator, Freezer, Wine cooler  
MBP: Medium Back Pressure; Air-conditioner, vending machine  
HBP: High Back Pressure: Air-conditioner, ice maker

LBP ASHRAE Test Condition:

Evaporation Temperature: -23.3 °C

Condensing Temperature: 54.4 °C

Subcooling Temperature: 32.2 °C

Ambient Temperature: 32.2 °C

MBP ASHRAE Test condition:

Evaporation Temperature: -5 °C

Condensing Temperature: 54.4 °C

Ambient Temperature: 35 °C

Subcooling Temperature: 46.1

Suction Temperature: 35 °C

HBP ASHRAE Test condition:

Evaporation Temperature: 7.2°C

Condensing Temperature: 54.4°C

Ambient Temperature: 35°C

Subcooling Temperature: 46.1°C

Suction Temperature: 35°C

Parameter Variation Range:

Cooling Capacity:  $\geq 95\%$

Input Power:  $\leq 115\%$

Current:  $\leq 110\%$

COP:  $\geq 95\%$

Cooling Type:

S: Natural cooling

F1: Fan cooling, 200mm fan diameter, 1.5m/s air speed

F2: Fan cooling, 200mm fan diameter, 3m/s air speed

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**www.mbsm.pro , AEZ1360A,  
Kirby, Tecumseh, Compressors  
, low back, pressure, models,  
240v/50HT , 1PH , 1/5Hp , Gaz  
12A**

written by Lilianne | 27 April 2020

Points forts : Compresseur aez1360a pour réfrigérateur fagor  
FAGOR MA-10CA562COMP-QZQAZ

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**www.mbsm.pro , Original New,  
ASD53K, Original New 1/6HP,  
R134a, LBP, Wanbao,  
Refrigerator, compressor,  
China, R134A, 220V/50Hz, 1PH,  
144W, Huaguang, Refrigerator  
Reciprocating**

written by Jamila | 27 April 2020

www.mbsm.pro , Original New, ASD53K, Original New 1/6HP,  
R134a, LBP, Wanbao, Refrigerator, compressor, China, R134A,  
220V/50Hz, 1PH, 144W, Huaguang, Refrigerator Reciprocating

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**www.mbsm.pro , Cold  
,refrigeration ,compressor  
1/4 hp, QD76HG ,HM Series ,  
R134a ,HBP**

written by Lilianne | 27 April 2020

www.mbsm.pro , Cold ,refrigeration ,compressor 1/4 hp, QD76HG  
,HM Series , R134a

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**MBSM.PRO , Zel Compressors  
,Low back pressure, gml200a  
152W , gml200a 152W, GML180A  
144W, gml160g 129W, gml140a  
108W, GML110A 90W, R134a ,  
220-240V 50HZ**

written by Jamila | 27 April 2020

MBSM.PRO , Zel Compressors ,Low back pressure, gml200a 152W ,  
gml200a 152W, GML180A 144W, gml160g 129W, gml140a 108W,  
GML110A 90W, R134a , 220-240V 50HZ

# Zel gml200a gml180a gml160g gml140a gml110a r134a Compressors

- gml200a 152W
- GML180A 144W
- gml160g 129W
- gml140a 108W
- GML110A 90W

Place of purchase:  
Mainland China

Brand:  
West of Monza

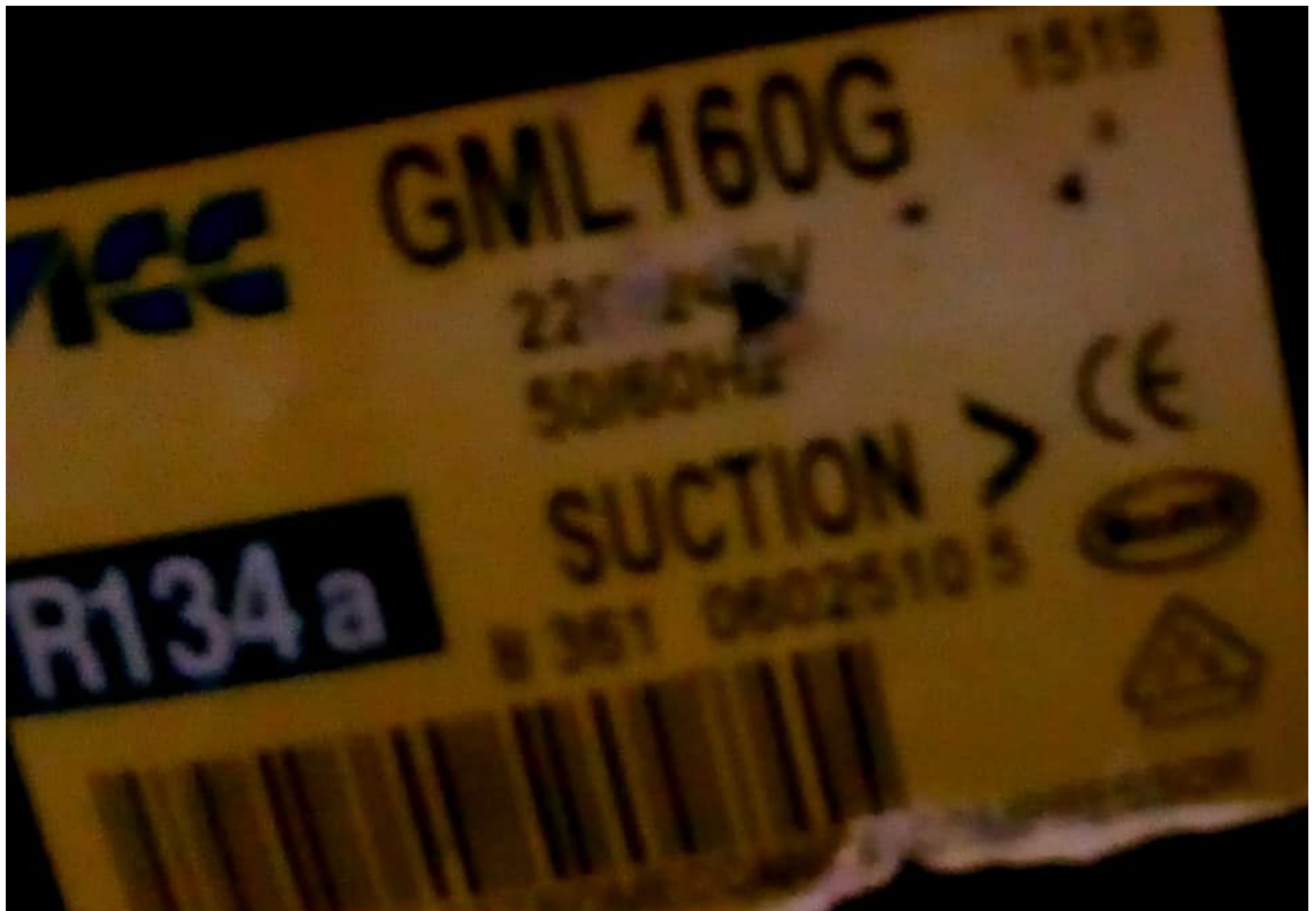
Color classification:  
gml200a 152wgml180a 144wgml160g 129wgml140a 108wgml110a 90W

Refrigeration Agent:  
R134a

Voltage:  
220-240V 50HZ

Working conditions:  
Low back pressure





Picture5 Mbsm Dot Pro : [www.mbsm.pro](http://www.mbsm.pro)

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

written by Jamila | 27 April 2020

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[°C]
Condensing temperature	54.4[°C]
Subcooling temperature	32.2[°C]
Suction temperature	32.2[°C]
Ambient temperature	32.2[°C]
Working condition limit:R134a	
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

Product model:HYE69YL

Cooling capacity:195W

COP[W/W]:1.15

Voltage[V]:220-240~

Frequency(Hz):50





PictureS Mbsm Dot Pro : www.mbsm.pro

**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

[Newest Catalog Download](#)

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



**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**





**HY 81 Y**

**1 / 4 HP**



**HYE 55 YL 63**

**1 / 6 HP**



**HYE 60 YL 63**

**1 / 5 HP**



**HYE 69 YL**

**1 / 4 HP**



**HYE 125 MSU**

**1 / 4 HP**



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

Huayi - Huayi

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

Huayi - Huayi

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

Huayi - Huayi

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

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

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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)





# Mbsm.pro, Réfrigérateur, remplacement d'un moteur, R600a , par un ,moteur R134a

written by Jamila | 27 April 2020

Bonsoir, MBSM.PRO

le remplacement d'un compresseur R600A par un compresseur R134A est possible a condition: