

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

Category: Technologie

written by www.mbsm.pro | 27 April 2020



PictureS Mbsm Dot Pro : www.mbsm.pro

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 المفلورة (HFC (GWP) وإمكانية الاحترار العالمي (ODP) معترف بها على أنها إمكانات استنفاد الأوزون . فهي تمثل بديلاً أكثر خضرة لمركبات 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)
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

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





PictureS 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

Category: Solutions, Tester ok
written by www.mbsm.pro | 27 April 2020



PictureS 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

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

Category: Technologie

written by www.mbsm.pro | 27 April 2020



**Modul AC QD
U05 PGC**

PictureS Mbsm Dot Pro : www.mbsm.pro

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

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

Category: Technologie, Tester ok

written by www.mbsm.pro | 27 April 2020



PictureS Mbsm Dot Pro : www.mbsm.pro

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: / μ F
Running Capacitor: / μ F
Cooling Type: F
Application: LBP
Certificate: 3C
1X20'FCL: 1600PCS



MAL QD110H_{HM}

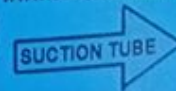
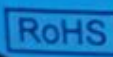
220-240V~50Hz 1PH

L/MBP HST R134a

No.20010003548 COOLING CAPACITY:420W



www.comptek.com.cn



A003602

الإسكندرية لعلقم عمارة التبريد

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: ≥ 95%

Input Power: ≤ 115%

Current: ≤ 110%

COP: ≥ 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

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

Category: Solutions,Technologie,Tester ok

written by www.mbsm.pro | 27 April 2020



99M15 103427

R12

AEZ1360A

208V 50Hz In 1.30A Id 10.50A

220V

1~



21342903



L'UNITE HERMETIQUE



CAUTION Use of hydrocarbons is not approved by the manufacturer

ATTENTION Pas d'autorisation du fabricant pour l'utilisation d'hydrocarbures

ACHTUNG Keine Herstellerfreigabe für Kohlenwasserstoffe

PictureS Mbsm Dot Pro : www.mbsm.pro

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

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

Category: Solutions,Technologie,Tester ok
written by Jamila | 27 April 2020



Picture5 Mbsm Dot Pro : www.mbsm.pro

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

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

Category: Solutions,Tester ok
written by www.mbsm.pro | 27 April 2020



Picture5 Mbsm Dot Pro : www.mbsm.pro

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

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

Category: Solutions,Tester ok
written by Jamila | 27 April 2020



PictureS Mbsm Dot Pro : www.mbsm.pro

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

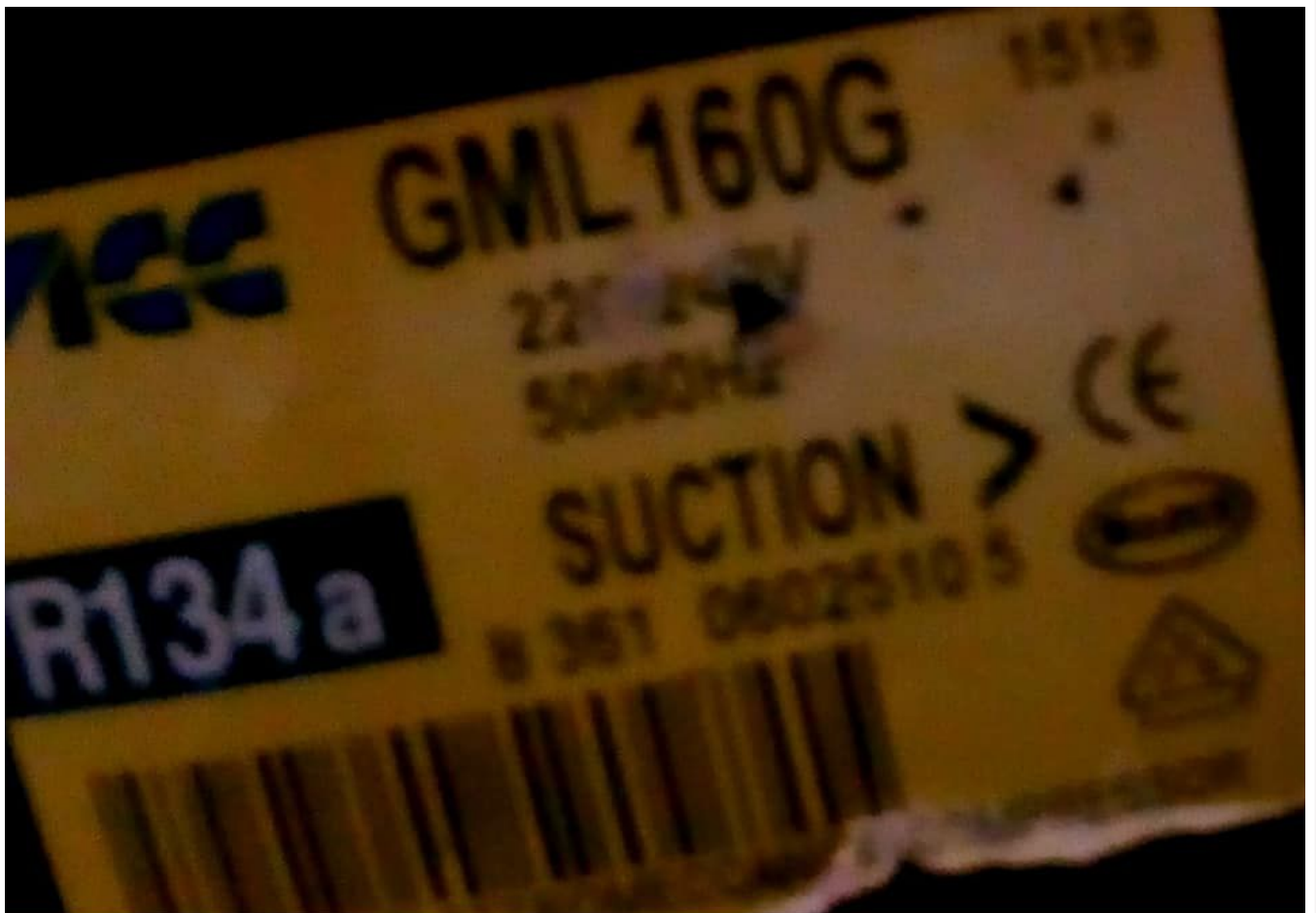
Color classification:
gml200a 152wgml180a 144wgml160g 129wgml140a 108wgml110a 90W

Refrigeration Agent:
R134a

Voltage:
220-240V 50HZ

Working conditions:
Low back pressure





PictureS Mbsm Dot Pro : www.mbsm.pro

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

Category: Solutions, Tester ok
written by Jamila | 27 April 2020



Picture5 Mbsm Dot Pro : www.mbsm.pro

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
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	0.40.4Mpa(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

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



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





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

Category: Solutions,Tester ok
written by Jamila | 27 April 2020

Bonsoir, MBSM.PRO

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

- de rincer le circuit frigorifique a l'azote ou R22 et pas avec l'air comprimé car il contient de l'humidité .
- remplacer bien évidemment le deshydrateur (filtre)
- de charger correctement (ni plus, ni moins).

il est conseillé et préférable de remplacer le compresseur par un équivalent (faute de trouver le même), fonctionnant au même gaz!

il faudrait mettre le double de r134a par rapport au r600a ,85/90 grammes, contrôler la pression (0.2 bars de r134a en fonctionnement stabilisé), mais ce n'est pas certain que cela fonctionne bien car le capillaire (longueur et diamètre intérieur) est différent suivant les fluides utilisés car la perte de charge n'est pas la même.

Il faut changer le capillaire

La Température avec le capillaire de r600a ne dépassera 16 degrés Celsius

PictureS Mbsm Dot Pro : www.mbsm.pro

Bonsoir, MBSM.PRO

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