

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

Category: Technologie

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PictureS Mbsm Dot Pro : [www.mbsm.pro](http://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)  
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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)  
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R508B (SUVA 95)  
ISCEON M089  
R1234yf





PictureS Mbsm Dot Pro | www.mbsm.pro

D110C24GAX5 , PANASONIC ,RSIR, Serie D, Reciprocating ,Compressors , 298 w , 1/3 HP , R134a ,220v 50Hz

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displacement cm3	W (cooling)	BTU/HR	K Cal/hr	HP	Model	number
5.1	135	461	116	1/6	D51C10RAW5	1
5.1	135	461	116	1/6	D51C90RAW5	2
5.7	141	481	121	1/6	D57C10RAW5	3
5.7	141	481	121	1/6	D57C13RAX5	4
6.6	160	546	138	1/5	D66C10RAW5	5
6.6	151	515	130	1/5	D66C10RAX5	6
7.7	186	635	160	1/5	D77C10RAW5	7
7.7	186	635	160	1/5	D77C10RAX5	8
9.1	227	774	195	1/4	D91C10RAW5	9
9.1	227	774	195	1/4	D91C10RAX5	10
11.0	298	1017	256	1/3	D51C21RAX5	11
11.0	298	1017	256	1/3	D110C21RAX5	12
11.0	298	1017	256	1/3	D110C21RBX5	13
11.0	298	1017	256	1/3	D110C24GAX5	14

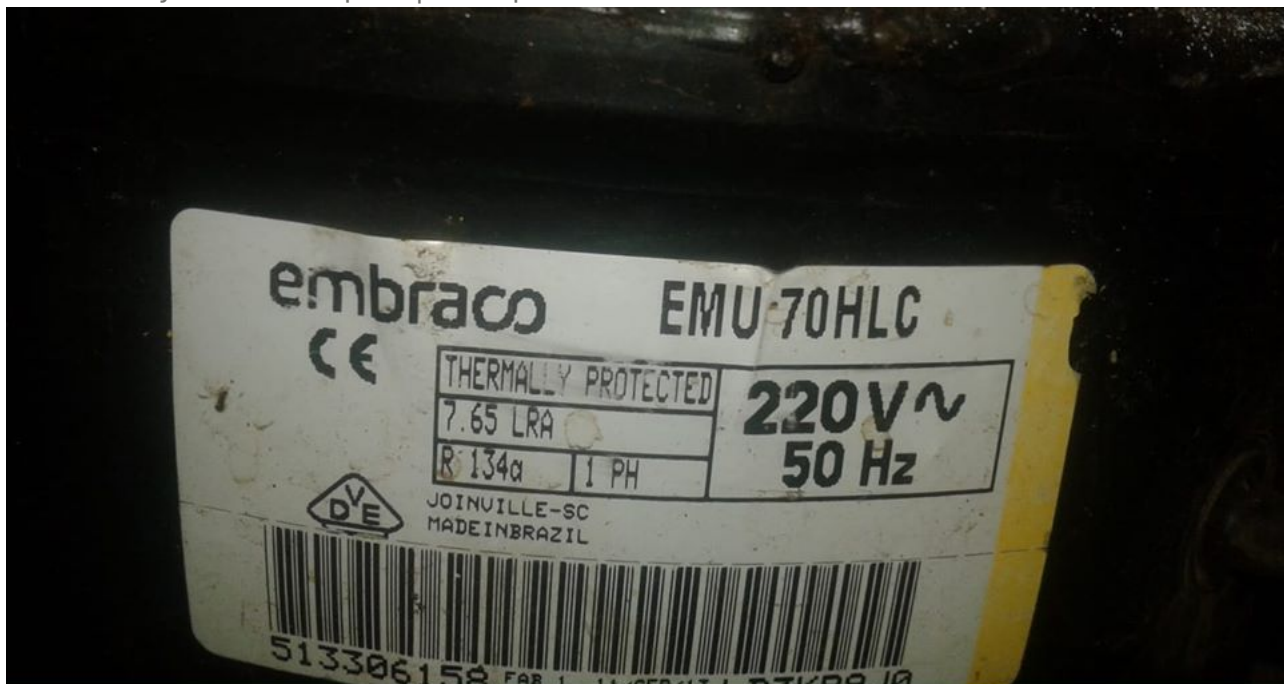


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D110C24GAX5 , PANASONIC ,RSIR, Serie D, Reciprocating ,Compressors , 298 w , 1/3 HP , R134a ,220v 50Hz

## Compresseurs Embraco, ,EMU70HLC , R134a, 220 V, 50Hz, 1/5 HP, 149 watts , 180 mL

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

Compresseurs Embraco, ,EMU70HLC , R134a, 220 V, 50Hz, 1/5 HP, 149 watts , 0.17 kW (0.2214 BHP) ,180 mL

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HUAYI ,COMPRESSOR , HYE55YL63 ,1/6 Hp  
, 129Kcal ,R134a, 220V ,LBP

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

HUAYI ,COMPRESSOR , HYE55YL63 ,1/6 Hp , 129Kcal ,R134a, 220V ,LBP

Tropical Compressor , TLS5FT 102G4524  
, SECOP , R134a , 1/6 HP , 134 W ,  
LBP , 220/ 240 V 50Hz

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

Tropical Compressor ,TLS5FT 102G4524 , SECCP , R134a , 1/6 HP , 134 W , LBP , 220/ 240 V 50Hz

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LOW BACK PRESSURE ,HITACHI ,  
Compressor FL1257-SR , 1/5HP , R134a  
,135 W , BTU/Hr 512 ,Curcuit RSIR

Category: Solutions,Tester ok  
written by [www.mbsm.pro](http://www.mbsm.pro) | 27 April 2020

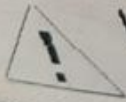
HITACHI FL1257-SD

220-240V 50Hz OIL 2006.05.13



SERIAL NO.09760

HFC-134a



WARNING HIGH TEMPERATURE  
ELECTRIC SHOCK

K12

DO NOT TOUCH



SHOT ON M6T  
MEIZU

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

LOW BACK PRESSURE ,HITACHI , Compressor FL1257-SR , 1/5HP , R134a ,135 W ,  
BTU/Hr 512 ,Curcuit RSIR

# Compressor Bpm111z , r134a 1/6hp ,5.6cc, 240v 50hz ,ASPERA, EMBRACO

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

Compressor Bpm111z , r134a 1/6hp ,5.6cc, 240v 50hz ,ASPERA, EMBRACO

TLES6.5FT.3 ,Energy-optimized  
,Tropical , R134a 220-240V ,50Hz ,  
1/4 hp , COMPRESOR DANFOSS SECOP ,  
183 W , LBP

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TLES6.5FT.3 ,Energy-optimized ,Tropical , R134a 220-240V ,50Hz , 1/4 hp ,  
COMPRESOR DANFOSS SECOP

# High Efficiency Refrigerator , Compressor , Lbp , QD65H , 1/5HP , 60Hz , 6.5CC, 185W , R134a , LBP Piston Reciprocating

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

High Efficiency Refrigerator , Compressor , Lbp , QD65H , 1/5HP 60Hz 6.5CC 185W

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## QD110H , Chest Freezer Compressor

# ,1/3HP ,220V/50Hz ,R134A

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



**MAL QD110H<sub>HM</sub>**

220-240V~50Hz 1PH

L/MBP HST R134a

No.20010003548 COOLING CAPACITY:420W

**COMPTEK**  
COMPRESSORS



www.comptek.com.cn

RoHS

CE



A003602

الإسكندرية لعلع عمارة التبريد

SUCTION TUBE

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:  $-23.3\text{ }^{\circ}\text{C}$

Condensing Temperature:  $54.4\text{ }^{\circ}\text{C}$

Subcooling Temperature:  $32.2\text{ }^{\circ}\text{C}$

Ambient Temperature:  $32.2\text{ }^{\circ}\text{C}$

MBP ASHRAE Test condition:

Evaporation Temperature:  $-5\text{ }^{\circ}\text{C}$

Condensing Temperature:  $54.4\text{ }^{\circ}\text{C}$

Ambient Temperature:  $35\text{ }^{\circ}\text{C}$

Subcooling Temperature:  $46.1$

Suction Temperature:  $35\text{ }^{\circ}\text{C}$

HBP ASHRAE Test condition:

Evaporation Temperature:  $7.2^{\circ}\text{C}$

Condensing Temperature:  $54.4^{\circ}\text{C}$

Ambient Temperature:  $35^{\circ}\text{C}$

Subcooling Temperature:  $46.1^{\circ}\text{C}$

Suction Temperature:  $35^{\circ}\text{C}$

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