

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)
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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

**HERMETIC , AW5524EK
, Compressor , 20,950 BTU
, 230/1/60 R-22 , : 220-240
V/50 Hz. , 1 Phase ,
1.7458333333 TON**

written by Lilianne | 27 April 2020
Electrical : 220-240 V/50 Hz. 1 Phase
Nominal Performance
Capacity 6,140 / – Watts

20,950 / – BTU/Hr

5,280 / – Kcal/Hr

Power Input 2,089 / – Watts

Locked Rotor Amps 51.30 / – Amps

Max Continuous Current – / – Amps

Rated Load Amps 9.64 / – Amps

COP 2.94 / – Watts / Watts

EER 10.03 / – BTU/W-Hr

Testing Conditions

Condensing Temperature 54.40 °C 129.9 °F

Evaporating Temperature 7.20 / – °C 45.0 / – °F

Liquid Temperature 46.10 °C 115.0 °F

Return Gas Temperature 35.00 °C 95.0 °F

Ambient Temperature 35.00 °C 95.0 °F

Application

Evaporating Temp. Range HBP, A/C @ 0.00 ° C to 13.00 ° C
(32.0° F to 55.4° F)

Heat Pump -23.30 ° C to 13.00 ° C
(-9.9° F to 55.4° F)

Refrigerant R22

Refrigerant Flow Control Capillary Tube

Compressor Cooling Fan

Compressor and Motor data

Compressor Type Reciprocating

Displacement 43.10 cc.

Oil Type Mineral Oil

Oil Charge 964 cc.

Motor Type P.S.C ; 2 Pole 2,850 / – r/m

Voltage Range 198-264/- Volts 50/- Hz.

Winding Resistance at 25 ° C

Start 2.52 Ohms

Run 1.24 Ohms

Weight with Oil 27.72 Kg.

Weight with Oil and Accessories 28.05 Kg.

Electrical Components

Motor Protector

Type Internal Overload

Model Number 4042KGE661-2

Open / Close 125-135 / 50-70 ° C

1st Cycle trip at 25 ° C 50.00 Amps(main) 30.00 Amps(start)

Motor Starter

Type Potential Relay

Model Number 4043KGE681-4(RVA3G6D)

Pick Up (max.) 180.00-195.00 Volts

Drop Out (min.) 40.00-90.00 Volts

Terminal Cover KGM 901-3

Start Capacitor 88-106 μ F 330 VAC.

Disch Resistor for Start Cap –

Run Capacitor 45 μ F 370/440 VAC.

Mounting Kit

Rubber Grommet 4007KGM905-2

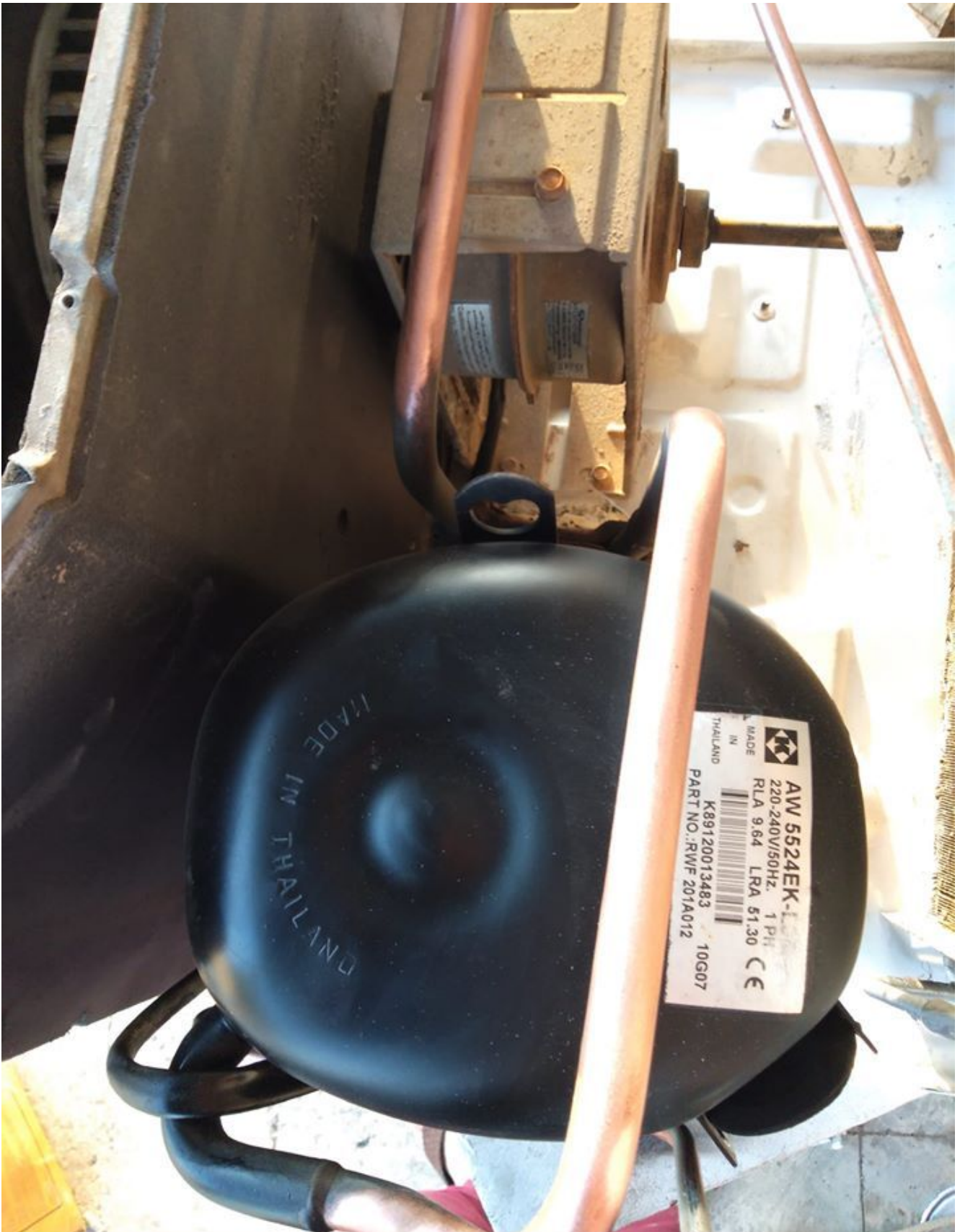
Sleeve Grommet 4023KGM903-2

Washer –

Since we are constantly improving our product , the specification are subject to change without notice.

REV. DATE C / N No.

ECN 01-04-14 ECN 0515/13





DOCUMENTATION PDF

Mbsm_dot_pro_private_pictureAW5524EKTélécharger

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

written by Lilianne | 27 April 2020

displacement cm ³	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	D110C21RA25	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**

written by Lilianne | 27 April 2020

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

Austria , RECIPROCATING , COMPRESSOR , SECOP , HXD30AA , 0.04 1/25 HP , R600a , 220v 50Hz

written by Lilianne | 27 April 2020

Austria , RECIPROCATING , COMPRESSOR , SECOP , 0.04 HP , HXD30AA ,
1/25 HP , R600a , 220v 50Hz

Tableau de conversion d'unités

written by Lilianne | 27 April 2020

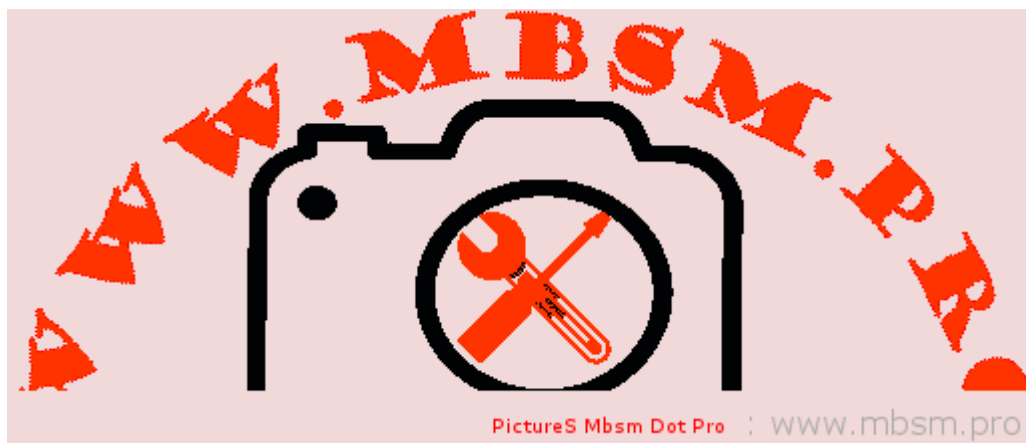
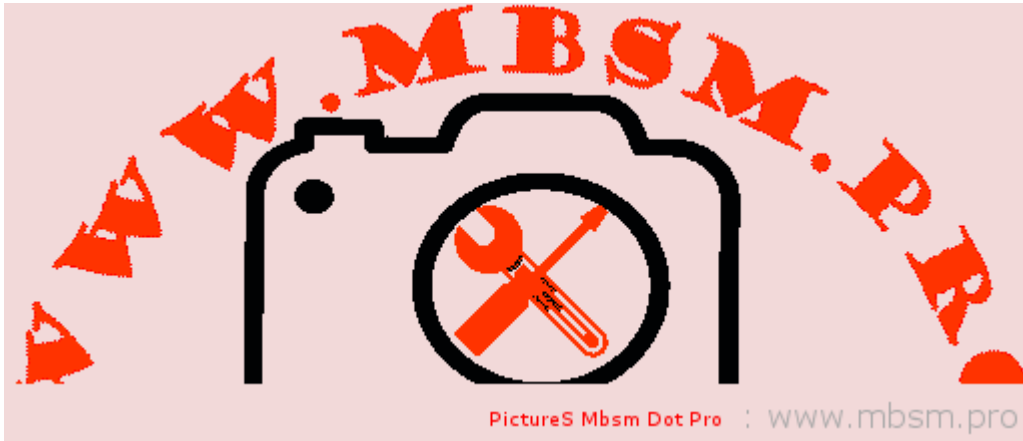


Tableau de conversion d'unités

PREFIXES , CONVERSION , FACTORS

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PREFIXES , CONVERSION , FACTORS

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

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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**

written by Lilianne | 27 April 2020

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

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

written by Lilianne | 27 April 2020

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