

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

written by Jamila | 6 October 2018

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

الدليل الشامل في نظام الـ VRV

نبدأ نبذة عن نظام الـ VRV SYSTEM .. ونبدأ بتاريخ ومسيره هذا النظام ..
بدأ هذا النظام لأول مره في اليابان من اكتشافات وتطوير شركة DAIKIN عام 1982 وكانت شركة
DAIKIN اول شركة 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 يظن 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 كترول متكون 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 الوحده الداخليه .. وهذا هو الفرق بين هذا النظام والاجهزه القديمه حيث وجود ال BC CONTROLER وفر الكثير من جهد الضاغط والجميل انك عن طريق الكترولر 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 .. اقص ال BC CONTROLER وارجو طرح الاسئله وساكمم الكلام حول ال BC

CONTROLER قريبا بعد اعطيكم اخذ فكره من خلال الصور وطرح الاسئله انشاء الله .. على فكره

انايبب القطعه الخارجيه (الدفع والراجع) تاتي الى الكترولير مباشره وليس الى القطعه الداخليه مباشر كما

في نظام السبلت القديم والاناييبب القادمه من القطعه الخارجيه الى البي سي كترولير تكون من نوع خاص ..

يسمى اناييبب نحاس صلب وليس نحاس طري كالعاده في باقي السبلات وهذه نقطه مهمه للعلم ..

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

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



PictureS Mbsm Dot Pro : 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 CONTROLER ..

BC CONTROLER 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 CONTROLER 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 ..



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

written by Jamila | 6 October 2018

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



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

written by Jamila | 6 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 cm³
- 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



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 [cm ³]: | 6 |
| Displacement [m ³ /h]: | 1 |
| Weight [kg]: | 9,1 |
| Oil charge [cm ³]: | 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

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

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

written by Jamila | 6 October 2018



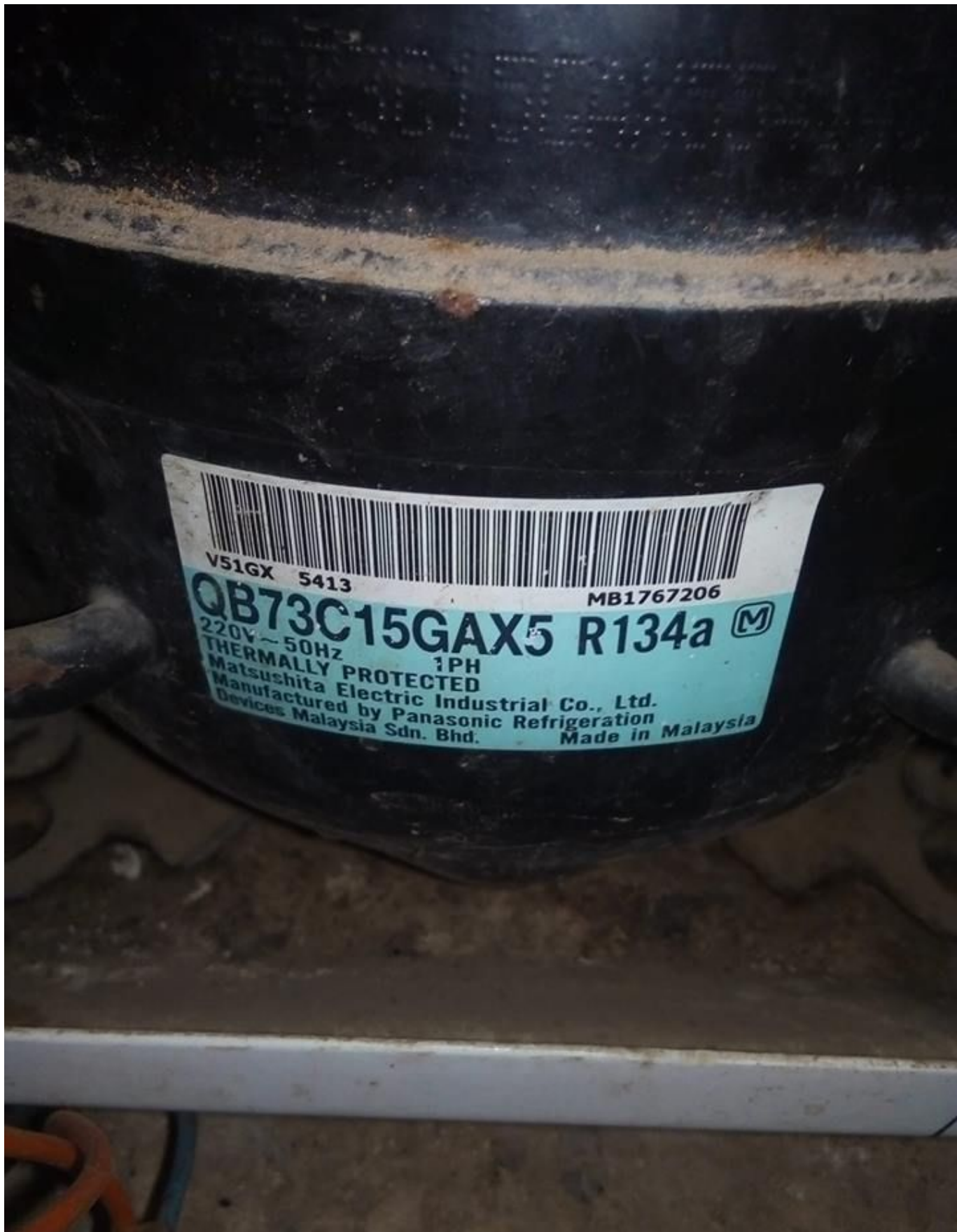
Mbsm.pro , Qb73c15gax5 ,R134a , Refrigeration Compressor ,1/4 Hp, Panasonic compressor catalogue, QB series , 1Ph , 220V 50Hz



Performance DATA

Application & Refrigerant LBP R134a

| Voltage | Model | Displacement cm ³ | *2) Capacity (W) | | | | | | *3) C.O.P. | | *4) Motor type | Compressor cooling *5) | | | Net weight kg | | Oil charge cm ³ | |
|-------------------------|--------------|---------------------------------|-------------------------|-------|---------|-------|-------|------|------------|-----------|-------------------|---------------------------|----|------|------------------|-----|-------------------------------|----|
| | | | Evaporating temperature | | | | | | NO | YES | | ST | OC | FC | ST/FC | OC | ST/FC | OC |
| | | | -30°C | -25°C | -23.3°C | -20°C | -15°C | | | | | | | | | | | |
| *6) 100V 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 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 | 10.0 | 10.5 | 250 | 300 | |
| | QB110C25GAX5 | 10.86 | 176 | 246 | 273 | 331 | 432 | 1.18 | - | RSIR | - | O | O | 10.4 | 10.6 | 250 | 300 | |
| *4) 220-240V 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 | - | - | 8.7 | - | 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 | 10.0 | - | 250 | - | |



PictureS Mbsm Dot Pro : 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

written by Jamila | 6 October 2018



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



- 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



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

written by Jamila | 6 October 2018



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



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 Tension [V-hz] | HP | Modèle | Moteur Type | Refroidissement Capacité [W] | Puissance Entrée [W] | COP [W/w] | Refroidissement 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
-

**Mbsm.pro, 1/5 HP ,170 w,
SL23YE-5, DAEW00, HERMETIC
COMPRESSOR ,Turkey
Refrigeration & Heat , R12**

written by Jamila | 6 October 2018

**Mbsm.pro, 1/5 HP ,170 w, SL23YE-5,
DAEW00, HERMETIC COMPRESSOR ,Turkey
Refrigeration & Heat , R12**



0hter 134A



Mbsm.pro , Compresseur frigorifique, Embraco Aspera ,T2178GK , 1Hp ,PIÈCES FRIGO, 404A , 220-240 V 50 Hz

written by Jamila | 6 October 2018



Mbsm.pro , Compresseur frigorifique, Embraco Aspera ,T2178GK , 1Hp ,PIÈCES FRIGO, 404A , 220-240 V 50 Hz



Mbsm_dot_pro_private_PDF_compresseur-embraco-aspera-t2478gkTélécharger



Détails techniques

puissance 1 HP – cylindrée 20,40 cc
220/240V 50HZ
ASPERA

FRIULINOX

FriulinoxArmoire réfrigérée AF12 -20, AF12 PA, AF12-14, AF12-14 VTR, AF12-14 VTRP, AF14, AF14 -22 SILVER VTR, AF6-1, AF6-7,

AF6-7 VTR, AF7, AF7 -20 VTR, AF7 -22 SILVER VTR, AF7 ICE, AF7 VTR, AF7-14, AG60 GOLD, AG60 H20, AG60 SILVER, AG60 SILVERP, AG60P, AL-EN SUPER, AL-EN1, AL-EN1 SUPER, AL-EN1P, AL-EN2, AL-EN2 SUPER, AL-ENP, AP12-14, AP14, AP6, AP6-12, AP6-7, AP7, AP7-14, AR12-14, AR12-14 VTR, AR14, AR6-12, AR6-12 VTR, AR6-7, AR6-7 VTR, AR7, AR7-14, AR7-14 VTR, AR-EN GOLD, AR-EN SILVER, AR-EN1, AR-EN1 GOLD, AR-EN1 VTR, AR-EN2, AR-ENP, ARF142, ARF212 VTR, ARP142, ARP-EN1, ARP-EN2, ARRF21 VTR, EN GOLD, EN P, EN SILVER, EN1, EN1 GOLD, EN1 H20, EN1 H20 SILVER, EN1 SILVER, EN1 VTR, EN2, EN2 H20

FriulinoxCellulede refroidissement ARP122

FriulinoxVitrineréfrigérée AFP122, AFP142, ARF122

ZANUSSI

ZanussiArmoireréfrigérée ALF110 (110071), ALNF220 (110073), ALF110 (110074), ALF120 (110075), ALNF220 (110079), ADN111 (110757), AKP110 (111000), AKS110 (111001), AKP120 (111002), AKN110 (111009), AKN120 (111010), AKP110UK (111121), AKN110UK (111123), AKNF220 (111127), AKF110UK (111129), AKF110 (111137), AKF120 (111138), ASF110 (112030), ASF110 (112032), AZP2203 (113228), AZP220360 (113229), ALN2203 (113231), AZP13430 (113234), AZF2203 (113236), AZF13430 (113237), MRF601/86 (726059), ETZ601 (726165), ETZ602 (726166), ESQC41F (726171), ESQC41FR (726172), ESQF41F (726173), ETE601 (726178), ETE602 (726179), ETE601L (726184), ETZ601L (726185), RS13RX2F (726321), RS13FX2F (726323), RS13DX2F (726335), RS13PX2F (726459), RS13PX2F6 (726461), RS13P42F (726462), RS13FX42F (726464), RS13DFX2F (726465), RS13R32F (726467), SB1300X2F (726468), RS13PW2F (726475), RS13FW2F (726476), MRF601/86 (726500), RS13FX2F6 (726688), EKZ601 (726890), EKZ602 (726891), EKE601 (726939), EKE602 (726940), EKE601L (726949), EKZ601L (726950), RS13RX2FG (726967), RS13FX2FG (726968), RS13P42F (727128), RS13FX42F (727129), RS13RX4H (727157), RS13FX4H (727158), KLP1300R (728059), KLP1300F (728060), RS13PX2FD (728063), E06C0M1V (728077), E06C1M1V (728078), E06C0D1V (728081), C06FD1G (728173), FGD36 (728271),

RH06RD1G (728408), C06FD1G (728415), RS05RD1G (728433),
E05N0D1C (728457), E05C0D1C (728458), E06N0D1C (728465),
E06N0D2C (728466), E06N0D1V (728467), E06C0D1C (728468),
E06C0D2C (728469), E06C0D1V (728470), E06N0D1C (728522),
E06C0D1C (728523), KLN1300R (728605), KLP1300R (728606),
KEP1300R (728607), KLP1300R (728608), KLP1300F (728609),
KEP1300F (728610), KLP1300F (728611), EMVN500 (730005),
DVP500V11C (730677), DVP501V11C (730678), DVP600V11C (730683),
DVP601V11C (730684), DVP602V11C (730685), DVP600V12C (730686),
DVP601V12C (730687), DVP602V12C (730688), DVN600V11C (730701),
DVN601V11C (730702), DVN602V11C (730703), DVN600V12C (730704),
DVN601V12C (730705), DVN602V12C (730706), DVN500V11C (730721),
DVN501V11C (730722), MVP600V11C (730725), MVP601V11C (730726),
MVP602V11C (730727), MVP600V12C (730728), MVP601V12C (730729),
MVN600V11C (730741), MVN601V11C (730742), MVN600V12C (730743),
MVN601V12C (730744), DVP500V11C (730768), MVP501V11C (730769),
MVP502V11C (730770), MVN500V11C (730780), MVN501V11C (730781),
MLC601V11C (730938), MLC602V11C (730939), DVC500V11C (731242),
DVC501V11C (731243), MVC502V11C (731244), DVC600 (731250),
DVC601 (731251), MVC602 (731252), DVC600 (731255), DVC601
(731256), MVC600V11C (731282), MVC601V11C (731283), MVC600V12C
(731284), MVC601V12C (731285), MVC500V11C (731294), MVC501V11C
(731295), DVC602 (731302), DVC602 (731303), DVNN13022C
(732073), DVNN13122C (732074), MVNN13022C (732079), MVNN13122C
(732080), DVNC13022C (732095), EDVC13122C (732096), MVNC13022C
(732103), MVNC13122C (732110), MLC600V11C (732251), MLC601V11C
(732255), MLC602V11C (732257), DVP6VP12CC (734079),
PDVN901V11C (737216), PDVN901V12C (737217), PDVN907V11C
(737218), PDVN907V12C (737219), PDVC901V11C (737220),
PDVN907V12C (737221), PDVC907V11C (737222), PDVC907V11C
(737223), ILF120 (770508), RVPE061 (771100), RSPE061 (771101),
RVPE062 (771102), RVNE061 (771108), RVNE062 (771109), KVPE662
(771115), RPPE061 (771155), ILF110 (771537), ZLNF220 (771539),
RD13PX2F (790018), RD13FX2F (790019)

ZanussiCellulede refroidissement ESQC41F (691044), ESQC41FR
(691045), ESQF41F (691046), ESQF41FR (691047), ESQF41FR

(726144)

Zanussi Congélateur coffre MRF4808660 (726042), MRF401/86 (726058), MRF240/86 (726060), MRF480/86 (726061)

Zanussi Tableréfrigérée STRP1101 (113084), STRP1102 (113088), STRP1601 (113092), TRN224C (113102), TRN224D (113103), TRN224E (113104), STRP1602 (113105), STRP1603 (113106), STRP2201 (113107), STRP2202 (113108), STRP2203 (113109), STRP1101S (113128), STRP1601S (113129), STRP2201S (113130), STRP1602R (113131), TRN132A (113150), TRN132B (113151), TRN132C (113152), TRNA132A (113153), TRNA132B (113154), TRNA132C (113155), TRRN132A (113156), TRRN132B (113157), TRRN132C (113158), TRN183A (113159), TRN183B (113160), TRN183C (113161), TRN183D (113162), TRNA183A (113163), TRNA183B (113164), TRNA183C (113165), TRNA183D (113166), TRRN183A (113167), TRRN183B (113168), TRRN183C (113169), TRRN183D (113170), TRN224A (113171), TRN224B (113172), TRNA224A (113173), TRNA224B (113174), TRRN224A (113175), TRRN224B (113176), TRF132A (113177), TRFA132A (113178), TRRF132A (113179), TRF183A (113180), TRFA183A (113181), TRRF183A (113182), TRN132AE (113183), TRN183AE (113184), TRN224AE (113185), TRF132AE (113186), TRF183AE (113187), STRP1603R (113192), STRP2201R (113193), STRP2202R (113194), STRP2203R (113195), STRP1101R (113196), STRP1102R (113197), STRP1601R (113198), TCGS/1V7T (121856), TCGS/2V7T (121857), TCGS/1VC27 (121858), TCGS/2V2C7 (121859), TCGRS/1V7T (121866), TCGRS/2V7T (121867), TCGRS/1VC2 (121868), TCGRS/2V2 (121869), TCGS2VC27T (121905), RCSN2M2 (726139), RCSN2M12 (726140), RCSN3M3 (726141), RCSN3M22 (726145), RCSN3M14 (726146), RCSN4M4 (726147), RCSN4M32 (726148), RCSN4M24 (726170), RCSN2M2U (726182), RCSN3M3U (726188), RCSN4M4U (726197), RCDR4M24 (726199), RCDR4M16 (726200), RCDR4M08 (726201), RCSN2M2R (726202), RCSN2M12R (726203), RCSN3M3R (726210), RCSN3M22R (726211), RCSN3M14R (726212), RCSN4M4R (726213), RCSN4M32R (726220), RCSN4M24R (726221), RCDR2M20 (726408), RCDR2M12 (726409), RCDR2M20U (726410), RCDR2M12U (726411), RCDR2M04R

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(728377), E44N220I (728378), E44N140I (728379), E44N060I

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HB1P4CRN (728560), HB6CRN (728562), HB3P2CRN (728564),
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(728635), RCHBF3P (728636)

...et d'autres dispositifs

– ALPENINOX

T2178GK – ASPERA

01AS0970 – ATEL – ELECTROLUX PROFESSIONAL

T2178GK – EMBRACO – FRIULINOX – INDESIT – UNIVERBAR –
WHIRLPOOL – ZANUSSI

...numéros de fabricant supplémentaires possibles

Mbsm.pro, The risk of extending the electric hoses under the reinforcing steel for ceilings

written by Jamila | 6 October 2018



Mbsm.pro, The risk of extending the electric hoses under the reinforcing steel for ceilings

Mbsm.pro, COMPRESOR DANFOSS ,FR7.5B ,1/5 Hp , R-12 ,freezer ,capillary 260 cm , 0.31

written by Jamila | 6 October 2018

Mbsm.pro, COMPRESOR DANFOSS ,FR7.5B ,1/5 Hp , R-12 ,freezer ,capillary 260 cm , 0.31