

# Compressor, nbu1118y, réfrigérateur, brandt, BRANDT, MA-45CA562COMP-KU950, R600a, 1/4 Ch, 11,2 cm<sup>3</sup>, ACC, HMK12AA, SECOP, EMBRACO, NBU1118Y DANFOSS, NLE13KK3

Category: Non classé

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Compressor, nbu1118y, réfrigérateur, brandt, BRANDT, MA-45CA562COMP-KU950,  
R600a, 1/4 Ch, 11,2 cm<sup>3</sup>, ACC, HMK12AA, SECOP, EMBRACO, NBU1118Y DANFOSS,  
NLE13KK3

Modèles d'appareils concernés: 42X0249 – DZN4710XE – DZN4710XE/1 Pièce d'origine  
constructeur

Référence : MA-45CA562COMP-KU950

COMPRESSEUR R600a – 1/4 Ch – 11,2 cm<sup>3</sup>

ACC HMK12AA SECOP

Equivalent :

EMBRACO NBU1118Y

DANFOSS NLE13KK3 – NLE15K – HMK12AA

ELECTROLUX HP16AH

SECOP HMK12AA

**Embraco®** NBU1118Y

  THERMALLY PROTECTED 240V~50Hz

 MIN. OIL 200°C PH

SUCKTION SKM NO START WITHOUT STARTING DEVICE



815DA42 16/SEP/08 PA8LC10P

CAUTION



R 600a



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Compressor, hermétiques, DANFOSS, TL, FR et SC, SC10B, SC12B, SC15B, SC18B, SC21B, SC10B, SC12B, SC15C, SC10G, SC12G, SC18G, SC21G, SC12CL, SC18CL

Category: compressor

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Compresseurs hermétiques DANFOSS TL, FR et SC

| BOC partie No. | Code Danfoss | Puissance nominale et applic | Refrig. | Capacité nominale (watts) | Réf . BOC | Code Danfoss | Puissance nominale et applic | Réfrigérer | Capacité nominale (watts) |
|----------------|--------------|------------------------------|---------|---------------------------|-----------|--------------|------------------------------|------------|---------------------------|
| FR6B           | 103U2654     | 1/5 MBP                      | R12     | 354                       | TL3F      | 102G4300     | 1/10 LBP                     | R134a      | 58                        |

|         |          |               |            |            |          |          |         |       |     |
|---------|----------|---------------|------------|------------|----------|----------|---------|-------|-----|
| FR8.5B  | 103U2854 | 1/4 MBP       | R12        | 450        | TL4F     | 102G4400 | 1/8 LBP | R134a | 84  |
| SC10B * | 104L2510 | 1/3 MBP       | R12        | 588        | TL55F    | 102G4520 | 1/6 LBP | R134a | 127 |
| FR11B   | 103U2154 | 1/3 MBP       | R12        | 624        | TL57F    | 102G4720 | 1/5 LBP | R134a | 162 |
| SC12B * | 104L2670 | 4/9 MBP       | R12        | 756        | NL7F     | 105G6706 | 1/4 LBP | R134a | 183 |
| SC15B * | 104L2830 | 1/2 MBP (LBP) | R12 (R502) | 912 (768)  | NL9F **  | 105G6802 | 1/4 LBP | R134a | 214 |
| SC18B * | 104L2110 | 2/3 MBP (LBP) | R12 (R502) | 1044 (900) | NL11F ** | 105G6910 | 1/4 LBP | R134a | 274 |
| SC21B   | 104L2310 | 3/4 MBP       | R12        | 1212       | SC15F ** | 104G8500 | 1/3 LBP | R134a | 319 |
| SC10B   | 104L2510 | 1/3 LBP       | R502       | 468        | SC18F ** | 104G8800 | 4/9 LBP | R134a | 395 |
| SC12B   | 104L2670 | 4/9 LBP       | R502       | 612        | TL3G     | 104G4350 | 1/8 MBP | R134a | 175 |
| SC15C   | 104L2832 | 2/3 LBP       | R502       | 768        | TL4G     | 102G4452 | 1/6 MBP | R134a | 215 |
| SC18C   | 104L2111 | 3/4 LBP       | R502       | 900        | FR6G     | 103G6660 | 1/5 MBP | R134a | 351 |
| SC10G   | 104G8000 | 1/3 MBP       | R134a      | 591        | FR8.5G   | 103G6780 | 1/4 MBP | R134a | 468 |
| SC12G   | 104G8240 | 4/9 MBP       | R134a      | 751        | FR11G    | 103G6980 | 1/3 MBP | R134a | 609 |
| SC18G   | 104G8820 | 2/3 MBP       | R134a      | 1059       | SC15G    | 104G8520 | 1/2 MBP | R134a | 892 |
| SC21G   | 104G8140 | 3/4 MBP       | R134a      | 1256       | SC10CL   | 104L2523 | 1/3 MBP | R507  | 450 |
| SC12CL  | 104L2623 | 4/9 LBP       | R507       | 624        | SC15CL   | 104L2853 | 2/3 LBP | R507  | 758 |
| SC18CL  | 104L2123 | 3/4 LBP       | R507       | 893        |          |          |         |       |     |

Remarque:

1. Les compresseurs marqués \*\* sont équipés de raccords de refroidisseur d'huile.
2. Les compresseurs marqués \* peuvent être utilisés sur les systèmes R502 avec un fonctionnement à tube capillaire dans la gamme LBP.
3. (Systèmes sans dégivrage automatique uniquement).

Capacités nominales basées sur:

LBP = -23,3 ° C température d'évaporation

MBP = -5 ° C température d'évaporation

| Relais de remplacement (appareil de démarrage) |                                   |
|------------------------------------------------|-----------------------------------|
| Réf . BOC                                      | Convient au modèle de compresseur |
| 103N0011                                       | TL3A à TL5A,<br>FR7.5A à FR11A    |
| 103N0002                                       | SC12A, SC15A                      |

urs muraux, systèmes de refroidissement et de chauffage

Tableau de puissance des compresseurs Danfoss

Tableau de puissance des compresseurs Danfoss

**Capacité nominale (Watts)**

Capacité nominale en watts

**Réfrigérant**  
Gaz réfrigérant

**Puissance nominale et applic**

Puissance et application

**Code Danfoss**

Code du compresseur Danfoss

**BOC PartNo**

Numéro d'article

|                                |                             |                                          |                                    |                 |
|--------------------------------|-----------------------------|------------------------------------------|------------------------------------|-----------------|
| <b>354</b><br>http://pakij.ir  | <b>R12</b>                  | <b>1/5</b><br><b>MBP</b>                 | <b>103U2654</b><br>http://pakij.ir | <b>FR6B</b>     |
| <b>450</b>                     | <b>R12</b>                  | <b>1/4</b><br><b>MBP</b>                 | <b>103U2854</b>                    | <b>FR8.5B</b>   |
| <b>588</b><br>http://pakij.ir  | <b>R12</b>                  | <b>1/3</b><br><b>MBP</b>                 | <b>104L2510</b><br>http://pakij.ir | <b>SC10 * B</b> |
| <b>624</b>                     | <b>R12</b>                  | <b>1/3</b><br><b>MBP</b>                 | <b>103U2154</b>                    | <b>FR11B</b>    |
| <b>756</b><br>http://pakij.ir  | <b>R12</b>                  | <b>4/9</b><br><b>MBP</b>                 | <b>104L2670</b><br>http://pakij.ir | <b>SC12 * B</b> |
| <b>912</b><br><b>(768)</b>     | <b>R12</b><br><b>(R502)</b> | <b>1/2</b><br><b>MBP</b><br><b>(LBP)</b> | <b>104L2830</b>                    | <b>SC15 * B</b> |
| <b>1044</b><br><b>(900)</b>    | <b>R12</b><br><b>(R502)</b> | <b>Y/3</b><br><b>MBP</b><br><b>(LBP)</b> | <b>1042110</b>                     | <b>SC18 * B</b> |
| <b>1212</b><br>http://pakij.ir | <b>R12</b>                  | <b>3/4</b><br><b>MBP</b>                 | <b>104L2310</b><br>http://pakij.ir | <b>SC21B</b>    |
| <b>468</b>                     | <b>R502</b>                 | <b>1/3</b><br><b>LBP</b>                 | <b>104L2510</b>                    | <b>SC10B</b>    |
| <b>612</b>                     | <b>R502</b>                 | <b>4/9</b><br><b>LBP</b>                 | <b>104L2670</b>                    | <b>SC12B</b>    |
| <b>768</b><br>http://pakij.ir  | <b>R502</b>                 | <b>Y/3</b><br><b>LBP</b>                 | <b>104L2832</b><br>http://pakij.ir | <b>SC15C</b>    |
| <b>900</b>                     | <b>R502</b>                 | <b>3/4</b><br><b>LBP</b>                 | <b>104L2111</b>                    | <b>SC18C</b>    |
| <b>591</b>                     | <b>R134a</b>                | <b>1/3</b><br><b>MBP</b>                 | <b>104G8000</b>                    | <b>SC10G</b>    |
| <b>751</b><br>http://pakij.ir  | <b>R134a</b>                | <b>4/9</b><br><b>MBP</b>                 | <b>104G8240</b><br>http://pakij.ir | <b>SC12G</b>    |
| <b>1059</b>                    | <b>R134a</b>                | <b>Y/3</b><br><b>MBP</b>                 | <b>104G8820</b>                    | <b>SC18G</b>    |
| <b>1256</b>                    | <b>R134a</b>                | <b>3/4</b><br><b>MBP</b>                 | <b>104G8140</b>                    | <b>SC21G</b>    |
| <b>624</b><br>http://pakij.ir  | <b>R507</b>                 | <b>4/9</b><br><b>LBP</b>                 | <b>104L2623</b><br>http://pakij.ir | <b>SC12CL</b>   |
| <b>893</b>                     | <b>R507</b>                 | <b>3/4</b><br><b>LBP</b>                 | <b>104L2123</b>                    | <b>SC18CL</b>   |



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Rejoignez-nous

| BOC PartNo<br>Numéro d'article           | Code Danfoss<br>Code du compresseur Danfoss | Puissance nominale et applic<br>Puissance et application | Réfrigérer<br>Gaz réfrigérant | Capacité nominale<br>(Watts)<br>Capacité nominale en watts |
|------------------------------------------|---------------------------------------------|----------------------------------------------------------|-------------------------------|------------------------------------------------------------|
| FR6B                                     | 103U2654<br>defrostLir                      | 1/5<br>MBP                                               | R12                           | 354<br>defrostLir                                          |
| FR8.5B                                   | 103U2854                                    | 1/4<br>MBP                                               | R12                           | 450                                                        |
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| SC10 * B                                 | 104L2510<br>defrostLir                      | 1/3<br>MBP                                               | R12                           | 588<br>defrostLir                                          |
| FR11B                                    | 103U2154                                    | 1/3<br>MBP                                               | R12                           | 624                                                        |
| SC12 * B                                 | 104L2670<br>defrostLir                      | 4/9<br>MBP                                               | R12                           | 756<br>defrostLir                                          |
| SC15 * B                                 | 104L2830                                    | 1/2<br>MBP<br>(LBP)                                      | R12<br>(R502)                 | 912<br>(768)                                               |
| SC18 * B                                 | 1042110                                     | 2/3<br>MBP<br>(LBP)                                      | R12<br>(R502)                 | 1044<br>(900)                                              |
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| SC21B                                    | 104L2310<br>defrostLir                      | 3/4<br>MBP                                               | R12                           | 1212<br>defrostLir                                         |
| SC10B                                    | 104L2510                                    | 1/3<br>LBP                                               | R502                          | 468                                                        |
| SC12B                                    | 104L2670                                    | 4/9<br>LBP                                               | R502                          | 612                                                        |
| SC15C                                    | 104L2832<br>defrostLir                      | 2/3<br>LBP                                               | R502                          | 768<br>defrostLir                                          |
| SC18C                                    | 104L2111                                    | 3/4<br>LBP                                               | R502                          | 900                                                        |
| SC10G                                    | 104G8000                                    | 1/3<br>MBP                                               | R134a                         | 591                                                        |
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|        |            |     |       |            |
|--------|------------|-----|-------|------------|
| SC12G  | 104G8240   | 4/9 | R134a | 751        |
|        | defrostLir | MBP |       | defrostLir |
| SC18G  | 104G8820   | 2/3 | R134a | 1059       |
|        |            | MBP |       |            |
| SC21G  | 104G8140   | 3/4 | R134a | 1256       |
|        |            | MBP |       |            |
| SC12CL | 104L2623   | 4/9 | R507  | 624        |
|        | defrostLir | LBP |       | defrostLir |
| SC18CL | 104L2123   | 3/4 | R507  | 893        |
|        |            | LBP |       |            |

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## Hitachi Compressor, LBP, R134a, FL1152-RG, 1/6 Hp, 155W, série R012

Category: compressor

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| Code No.                | Model        | HP   | Capacity (W) | Current (A) | Efficiency COP (w/w) | Voltage / Frequency |
|-------------------------|--------------|------|--------------|-------------|----------------------|---------------------|
| R134a Models            |              |      |              |             |                      |                     |
| R012001                 | FL 06S34-TAB | 1/12 | 85           | 0.70        | 0.93                 | 220V – 240V / 50Hz  |
| R012002                 | FL 0739-SQ   | 1/10 | 114          | 0.72        | 1.20                 |                     |
| R012003                 | FL 0847-SD   | 1/8  | 130          | 0.83        | 1.19                 |                     |
| R012005                 | FL 1152-SB   | 1/6  | 143          | 0.82        | 1.27                 |                     |
| R012006                 | FL 1257-SR   | 1/5  | 160          | 0.90        | 1.25                 |                     |
| R012007                 | FL 14S62-TAD | 1/5  | 175          | 0.95        | 1.30                 |                     |
| R012008                 | FL 1568-SQ   | 1/4  | 200          | 1.11        | 1.30                 |                     |
| R012009                 | FL 20S88-TAC | 1/3  | 255          | 1.50        | 1.25                 |                     |
| R012010                 | FL1888-SE    | 1/3  | 245          | 1.51        | 1.25                 |                     |
| R600a Models            |              |      |              |             |                      |                     |
|                         | CL 0545-SZ   | 1/12 | 62           | 0.70        | 1.12                 | 220V – 240V / 50Hz  |
|                         | CL 1297-SA   | 1/5  | 156          | 0.90        | 1.46                 |                     |
|                         | CL 1310-SA   | 1/5+ | 163          | 0.95        | 1.48                 |                     |
| R600a Models (Inverter) |              |      |              |             |                      |                     |
|                         | CL 1588-DZ   | 1/6  | 134          | 0.83        | 1.62                 | 220V – 240V / 50Hz  |
|                         | CL 1610-DL   | 1/5  | 160          | 0.90        | 1.65                 |                     |

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HITACHI FL1152-RG  
220V 50/60Hz OIL 2010.04.27



SERIAL NO. 00542 HFC-134a

⚠ WARNING | HIGH TEMPERATURE  
ELECTRIC SHOCK  
DO NOT TOUCH H24

|                 |           |     |     |     |     |     |    |      |      |     |
|-----------------|-----------|-----|-----|-----|-----|-----|----|------|------|-----|
| 60Hz            | FL1462-P* | 6.2 | 180 | 154 | 615 | 350 | St | RSR  | 10.5 | 200 |
|                 | FL1462-P* | 6.2 | 210 | 180 | 717 | 310 | St | RSCR | 11.8 | 216 |
|                 | FL1568-P* | 6.8 | 210 | 180 | 717 | 310 | St | RSCR | 11.5 | 217 |
|                 | FL1675-P* | 7.5 | 233 | 200 | 795 | 300 | OC | RSR  | 10.8 | 216 |
|                 | FL1875-P* | 7.5 | 225 | 193 | 768 | 300 | OC | RSR  | 11.9 | 211 |
|                 | FL1875-P* | 7.5 | 255 | 219 | 871 | 300 | OC | RSCR | 11.9 | 216 |
|                 | FL0634-U* | 3.4 | 98  | 84  | 335 | 270 | St | RSR  | 8.3  | 179 |
|                 | FL0739-U* | 3.9 | 114 | 98  | 389 | 270 | St | RSR  | 8.3  | 179 |
|                 | FL1052-U* | 5.2 | 147 | 126 | 502 | 270 | St | RSR  | 8.1  | 179 |
|                 | FL1152-U* | 5.2 | 155 | 133 | 529 | 240 | St | RSR  | 9.0  | 180 |
| 127V<br>60Hz    | FL1262-U* | 6.2 | 173 | 148 | 591 | 320 | St | RSR  | 9.8  | 195 |
|                 | FL1462-U* | 6.2 | 180 | 154 | 615 | 350 | St | RSR  | 10.5 | 200 |
|                 | FL1568-U* | 6.8 | 208 | 178 | 710 | 310 | St | RSCR | 11.5 | 216 |
|                 | FL1568-U* | 6.8 | 228 | 196 | 778 | 310 | St | RSR  | 10.5 | 200 |
|                 | FL1875-U* | 7.5 | 225 | 193 | 768 | 300 | OC | RSR  | 11.1 | 216 |
|                 | FL1875-T* | 7.5 | 200 | 232 | 172 | 683 | OC | IR   | 11.1 | 211 |
|                 | FL2088-T* | 8.8 | 263 | 290 | 226 | 898 | OC | IR   | 11.1 | 211 |
|                 | FL0634-R* | 3.4 | 98  | 84  | 335 | 270 | St | RSR  | 8.0  | 179 |
|                 | FL0739-R* | 3.9 | 115 | 99  | 393 | 270 | St | RSR  | 8.0  | 179 |
|                 | FL0845-R* | 4.5 | 122 | 105 | 417 | 240 | St | RSR  | 8.7  | 180 |
| 200V<br>50/60Hz | FL1052-R* | 5.2 | 150 | 129 | 512 | 240 | St | RSR  | 8.9  | 180 |
|                 | FL1152-R* | 5.2 | 155 | 133 | 529 | 270 | St | RSR  | 8.1  | 179 |
|                 | FL1262-R* | 6.2 | 162 | 139 | 553 | 320 | St | RSR  | 9.8  | 195 |
|                 | FL1462-R* | 6.2 | 207 | 178 | 707 | 300 | St | RSR  | 10.6 | 196 |
|                 | FL1568-R* | 6.8 | 228 | 196 | 778 | 310 | St | RSR  | 10.5 | 200 |
|                 | FL1568-R* | 6.8 | 181 | 155 | 618 | 300 | St | RSCR | 11.5 | 216 |
|                 | FL1875-R* | 7.5 | 238 | 204 | 813 | 300 | OC | RSR  | 11.1 | 216 |
|                 | FL0634-S* | 3.4 | 95  | 82  | 324 | 240 | St | RSCR | 9.0  | 180 |
|                 | FL0634-S* | 3.4 | 82  | 70  | 280 | 270 | St | RSR  | 7.8  | 179 |
|                 | FL0734-S* | 3.4 | 95  | 82  | 326 | 240 | St | RSCR | 9.0  | 180 |

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## Mbsm.pro, PDF, CONGELATEUR, No-Frost, ENIM, ALGERIE, REFREGERATEUR, FR 4506, FR 4506 K, FR-4506K, Classe N

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# Mbsm.pro, PDF, DAEWOO COMPRESSOR, HPL23YH-5, 199W, 1/4 Hp, R134A , 90G

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DAEWOO COMPRESSOR, HPL23YH-5, 199W, 1/4 Hp, R134A , 90G, CONGELATEUR, No-Frost, ENIM, ALGERIE, REFREGERATEUR, FR 4506, FR 4506 K, FR-4506K, Classe N, VoluMe Brut 447L , Volume utile 273L, Volume congélat 101L , 220-240v 50Hz

Category: compressor

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Capacité totale 374 L

Compartiment denrées fraîches 273L

Compartiment denrées congelées 101L

Dimensions (mm) – Sans emballage : 1759X706X708mm

– Avec emballage : 1801X726X754mm Poids

net (kg) : 78Kg

Brut (kg) : 69Kg  
Contrôle des températures Thermostat  
Type de refroidissement : No Frost (Dynamique)  
Éclairage intérieur  
Alimentation : 220-230/50/HZ  
Consommation d'énergie ( kwh / an ) 520  
Classe énergétique B  
Classe climatique : Tempérée T  
CFC 0 %  
Réfrigérant R134 A



|                                                                                   |                 |
|-----------------------------------------------------------------------------------|-----------------|
|  |                 |
| Fabriqué en Algérie                                                               |                 |
| Réfrigérateur-Congélateur                                                         | *****           |
| Modèle FR-4506K                                                                   | Classe N        |
| Volume brut                                                                       | 447L            |
| Volume utile compt denrées fraîches                                               | 273L            |
| Volume utile compt basse température                                              | 101L            |
| Voltage / Fréquence                                                               | 220-240V - 50Hz |
| Puissance                                                                         | 160W            |
| Puissance de dégivrage                                                            | 15W*1           |
| Puissance de lampe                                                                | 1.42            |
| Consommation d'énergie(kwh/24h)                                                   | 90 grs          |
| Réfrigérant R134a                                                                 |                 |
| N° de série                                                                       |                 |
| Code : Q376-29-1                                                                  |                 |





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|                                      |                                                                                   |                     |
|--------------------------------------|-----------------------------------------------------------------------------------|---------------------|
| ENIEM                                |  | Fabriqué en Algérie |
| Réfrigérateur-Congélateur            | ****                                                                              |                     |
| Modèle FR-4506K                      | Classe N                                                                          |                     |
| Volume brut                          | 447L                                                                              |                     |
| Volume utile compt denrées fraîches  | 273L                                                                              |                     |
| Volume utile compt basse température | 101L                                                                              |                     |
| Voltage / Fréquence                  | 220~240V ~ 50Hz                                                                   |                     |
| Puissance                            |                                                                                   |                     |
| Puissance de dégivrage               | 160W                                                                              |                     |
| Puissance de lampe                   | 15W*1                                                                             |                     |
| Consommation d'énergie(kwh/24h)      | 1.42                                                                              |                     |
| Réfrigérant R134a                    | 90 grs                                                                            |                     |
| N° de série                          |                                                                                   |                     |
| Code : Q376-29.1                     |                                                                                   |                     |



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## 1. OUTLINE

| DIVISION                 |                 | CONTENTS               |
|--------------------------|-----------------|------------------------|
| MODEL NAME               |                 | FR4506K/N              |
| USABLE CAPACITY(l)       | FREEZER         | 101                    |
|                          | REFRIGERATOR    | 273                    |
|                          | TOTAL           | 374                    |
| EXTERNAL DIMENSION       | WIDTH           | 708mm                  |
|                          | DEPTH           | 706mm                  |
|                          | HEIGHT          | 1715/1759mm            |
| REFRIGERANT              | R134a           | 90g                    |
| COOLING & CONTROL SYSTEM | COOLING SYSTEM  | Fan Cooling System     |
|                          | DEFROST SYSTEM  | Fin Evaporator Forced  |
|                          | DEFROST CONTROL | Automatic Start & Stop |
| NET WEIGHT(Kg)           |                 | 69kg                   |

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H E L 23 YG-3 B  
① ② ③ ④ ⑤ ⑥ ⑦

| NO                          | CONTENTS                                                                                          |                                                                                                                    |
|-----------------------------|---------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------|
| ① Refrigerant               | H : R134a<br>I : R600a<br>No marking : R12                                                        |                                                                                                                    |
| ② Motor type                | PTC                                                                                               | 100V Series<br>220V Series                                                                                         |
|                             | C-relay                                                                                           | 100V Series<br>220V Series                                                                                         |
|                             |                                                                                                   | F : RSIR E : RSCR C : CSIR B : CSR<br>S : RSIR P : RSCR K : CSIR D : CSR<br>R : RSIR N : CSIR<br>T : RSIR G : CSIR |
|                             |                                                                                                   | L : L B P<br>H : H B P                                                                                             |
| ③ Application               | (reference : table of capacity range)                                                             |                                                                                                                    |
| ④ Grade of Cooling Capacity | JE Y YE YH YG                                                                                     |                                                                                                                    |
| ⑤ Series name               | No marking : 100V 50/60Hz<br>1 : 110-115V 60Hz<br>2 : 127V 60Hz<br>3 : 110V 60Hz<br>4 : 220V 60Hz |                                                                                                                    |
| ⑥ Voltage & Frequency       | 5 : 220-240V 50Hz<br>7 : 115-127V 60Hz<br>8 : 220-240V 50Hz / 220V 60Hz<br>9 : 110V 50Hz          |                                                                                                                    |
| ⑦ Improved data order       |                                                                                                   |                                                                                                                    |

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| Model       | Cooling Capacity |      |       | Efficiency  |         |            | Motor Type | Cooling Type | NetWeight [kg] | OilQty. [cc] |
|-------------|------------------|------|-------|-------------|---------|------------|------------|--------------|----------------|--------------|
|             | Kcal/h           | Watt | Btu/h | EFF Kcal/Wh | COP W/W | EER Btu/Wh |            |              |                |              |
| HPL21YE-5-K | 155              | 180  | 615   | 1.00        | 1.16    | 3.97       | RSCR       | ST/OC/FC     | 9              | 290          |
| HPL21YE-5-L | 155              | 180  | 615   | 1.04        | 1.2     | 4.11       | RSCR       | ST/OC/FC     | 8.9            | 290          |
| HSL21YE-5   | 155              | 180  | 615   | 1.04        | 1.21    | 4.13       | RSIR       | ST/OC/FC     | 9              | 290          |
| HPL23YE-5   | 171              | 199  | 635   | 1.1         | 1.27    | 4.35       | RSCR       | ST/OC/FC     | 9.5            | 290          |
| HPL23YE-5-K | 171              | 199  | 679   | 1.14        | 1.19    | 4.52       | RSCR       | ST/OC/FC     | 9              | 290          |
| HSL23YE-5   | 171              | 199  | 679   | 1.06        | 1.16    | 4.21       | RSIR       | ST/OC/FC     | 9.3            | 290          |
| HGH23YE-5   | 581              | 676  | 2306  | 1.94        | 2.25    | 7.69       | CSIR       | OC/FC        | 9.3            | 290          |
| HKL25YE-5   | 180              | 209  | 714   | 0.97        | 1.19    | 3.84       | CSIR       | ST/OC/FC     | 9.5            | 290          |
| HPL25YE-5-K | 180              | 209  | 714   | 1.22        | 1.29    | 4.86       | RSCR       | ST/OC/FC     | 9              | 290          |
| HPL25YE-5-L | 180              | 209  | 714   | 1.07        | 1.31    | 4.23       | RSCR       | ST/OC/FC     | 9              | 290          |
| HGH25YE-5   | 631              | 734  | 2504  | 1.88        | 2.19    | 7.47       | CSIR       | OC/FC        | 9.5            | 290          |
| HKL27YE-5   | 210              | 244  | 833   | 1.01        | 1.17    | 4.27       | CSIR       | ST/OC/FC     | 9.5            | 290          |
| HPL27YE-5   | 210              | 244  | 833   | 1.01        | 1.31    | 4.63       | RSCR       | ST/OC/FC     | 9.5            | 290          |
| HPL27YE-5-K | 210              | 244  | 833   | 1.01        | 1.2     | 4.90       | RSCR       | ST/OC/FC     | 9              | 290          |
| HSL27YE-5   | 210              | 244  | 833   | 1.01        | 1.2     | 4.32       | RSIR       | ST/OC/FC     | 9.5            | 290          |
| HSL27YE-5A  | 210              | 244  | 833   | 1.01        | 1.22    | 4.32       | RSIR       | ST/OC/FC     | 9.5            | 290          |
| HKH27YE-5   | 732              | 851  | 2817  | 1.92        | 2.23    | 7.61       | CSIR       | OC/FC        | 9.5            | 290          |
| HS27YE-5    | 732              | 851  | 2817  | 1.88        | 2.19    | 7.47       | RSIR       | OC/FC        | 9.5            | 290          |
| HKL30YE-5   | 230              | 267  | 913   | 1.01        | 1.1     | 3.61       | CSIR       | ST/OC/FC     | 9.5            | 290          |
| HPL30YE-5-K | 230              | 267  | 913   | 1.01        | 1.28    | 4.75       | RSCR       | ST/OC/FC     | 9              | 290          |
| HSL30YE-5   | 230              | 267  | 913   | 1.01        | 1.05    | 3.61       | RSIR       | ST/OC/FC     | 9.5            | 290          |
| HS230YE-5   | 780              | 907  | 3095  | 1.01        | 2.13    | 6.57       | RSIR       | OC/FC        | 9.5            | 290          |
| HKL30YE-5   | 230              | 267  | 913   | 1.01        | 1.1     | 3.61       | CSIR       | ST/OC/FC     | 9.5            | 290          |
| HPL30YE-5-K | 230              | 267  | 913   | 1.01        | 1.28    | 4.41       | RSCR       | ST/OC/FC     | 9              | 290          |
| HSL30YE-5   | 230              | 267  | 913   | 1.01        | 1.05    | 3.61       | RSIR       | ST/OC/FC     | 9.5            | 290          |

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## 2. ELECTRIC PARTS

### 1) COMPRESSOR

| REFRIGERANT   | R-12   |            |            |            |            |        |        |
|---------------|--------|------------|------------|------------|------------|--------|--------|
| VOLTAGE(V/Hz) | 110/60 | 115,120/60 | 127/60     | 220/60     | 220/50     | 230/50 | 240/50 |
| COMP MODEL    | X      | X          | CL23YE-2   | PL21YE-4   | SL27YE-5   |        |        |
| PART CODE     | X      | X          | 3957123A20 | 3956121A40 | 3954127A50 |        |        |
| STARTING TYPE | X      | X          | CSIR       | RSCR       | RSIR       |        |        |

| REFRIGERANT   | R-134a     |            |            |        |                  |        |        |
|---------------|------------|------------|------------|--------|------------------|--------|--------|
| VOLTAGE(V/Hz) | 110/60     | 115,120/60 | 127/60     | 220/60 | 220/50           | 230/50 | 240/50 |
| COMP MODEL    | HEL18YH-1  | <          | HEL21YH-1  | X      | <b>HPL23YH-5</b> | <      | <      |
| PART CODE     | 3953118S10 | <          | 3953121S10 | X      | 3956123S50       | <      | <      |
| STARTING TYPE | RSCR       | <          | RSCR       | X      | RSCR             | <      | <      |

### 2) RELAY

| REFRIGERANT   |            | R-12   |            |             |             |             |        |        |
|---------------|------------|--------|------------|-------------|-------------|-------------|--------|--------|
| VOLTAGE(V/Hz) |            | 110/60 | 115,120/60 | 127/60      | 220/60      | 220/50      | 230/50 | 240/50 |
| ASSY          | TYPE NAME  | X      | X          | 414THBYY-52 | 197SHBYY-52 | 232THBYY-52 | <      | <      |
|               | PART CODE  | X      | X          | 3018120700  | 3018118130  | 3018119970  | <      | <      |
| PTC           | RESISTANCE | X      | X          | S068        | S330        | S220        | <      | <      |
| OVER LOAD     | PART NAME  | X      | X          | 414THB      | 197SHB      | 232THB      | <      | <      |

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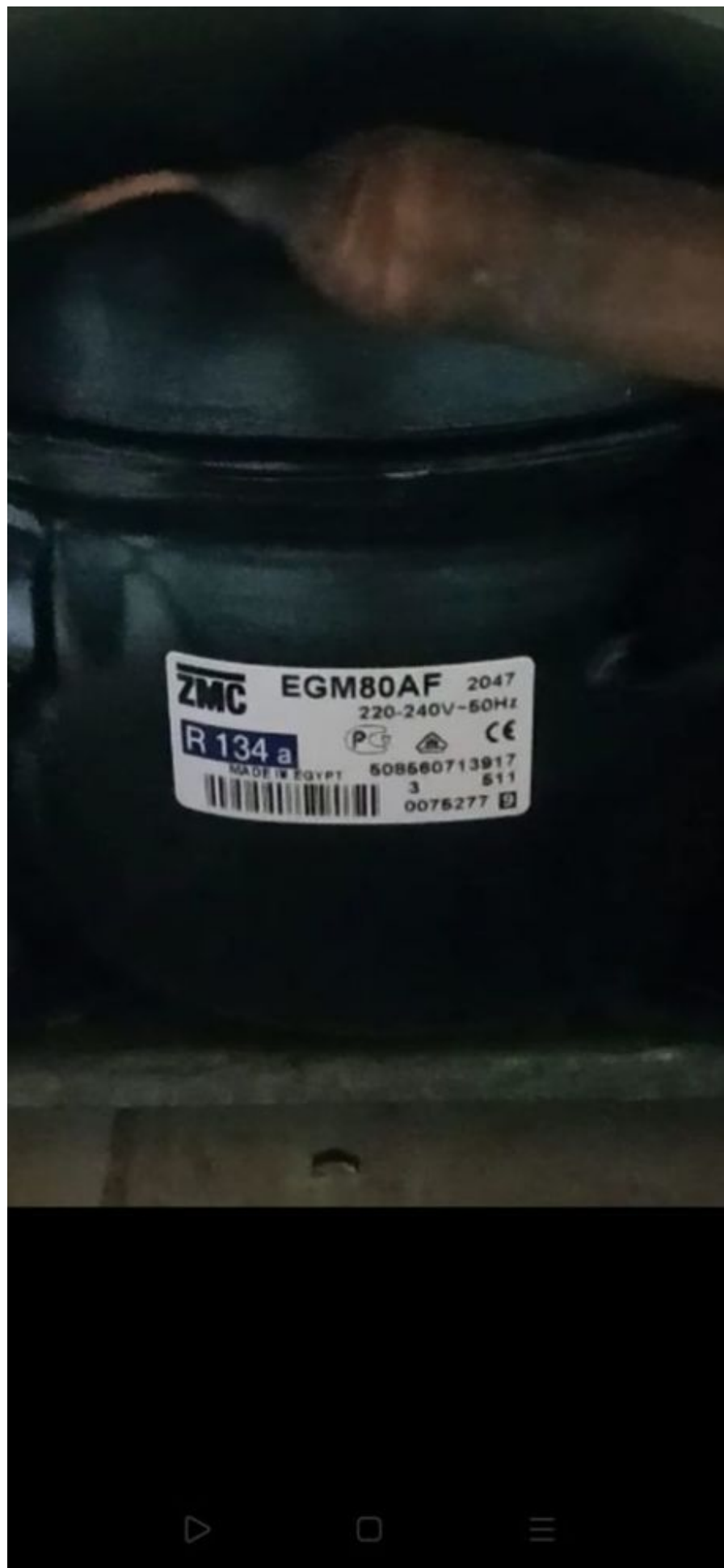
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Mbsm\_dot\_pro\_private\_PDF\_HPL23YH-5-Télécharger  
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Mbsm\_dot\_pro\_private\_PDF\_HPL23YH-5-3Télécharger

Mbsm.pro, PDF, Compressor, ZMC, 1/4  
HP, LBP, RSIR / RSCR, GM 80 AF,  
GM80AF, R-134

Category: Files

written by [www.mbsm.pro](http://www.mbsm.pro) | 20 January 2021



# Compressor, Frigo, Moteur ZMC, 1/4 HP, LBP, RSIR / RSCR, GM 80 AF, GM80AF, R-134, 198 KCAL, Frigo OCEAN, 100cm/60cm , Ocean, Made in Egypt, Capacity 295 L, Charge 100G

Category: compressor

written by [www.mbsm.pro](http://www.mbsm.pro) | 20 January 2021

## ABOUT ZMC

WE ARE MISR COMPRESSOR MANUFACTURING CO. (MCMC) A COMPANY ESTABLISHED IN 1988, DEDICATED TO MANUFACTURING OF HERMETIC COMPRESSORS FOR HOUSEHOLD AND COMMERCIAL REFRIGERATION INDUSTRY

MODÈLE: EGM80AF CODE: 508500314016

## Données GENERALES

|                                     |                        |
|-------------------------------------|------------------------|
| Réfrigérant:                        | R134a                  |
| Application:                        | LBP                    |
| Plage de température d'évaporation: | -30 ° C à -10 ° C      |
| Tension / Fréquence:                | 220 / 240V / 50 HZ     |
| Refroidissement du compresseur:     | Statique               |
| Périphérique d'extension:           | Tube capillaire        |
| Quantité d'emballage:               | Multi – 96: 120 pièces |
| Approbations:                       | CE-VDE-GOST            |

## Données mécaniques

|                                |                     |
|--------------------------------|---------------------|
| Charge d'huile:                | 350 cm <sup>3</sup> |
| Configuration du type d'huile: | ester               |
| Viscosité du type d'huile:     | 19 cSt              |
| Poids:                         | 9,5 kg              |

## Données électriques

|                                       |                  |
|---------------------------------------|------------------|
| Type de moteur:                       | RSIR / RSCR *    |
| Plage de travail de tension à 50 Hz:  | 187-264V         |
| Température maximale du moteur:       | 130 ° C          |
| Courant de rotor bloqué:              | 14,43 / 8,50 A   |
| Début de la résistance d'enroulement: | 15,80 Ω à 25 ° C |
| Résistance d'enroulement de course:   | 10,40 Ω à 25 ° C |
| Phase:                                | 1 ph             |

# Caractéristiques externes

Diamètre intérieur (mm)

Connecteur d'aspiration 6,5

Connecteur de décharge 4,9

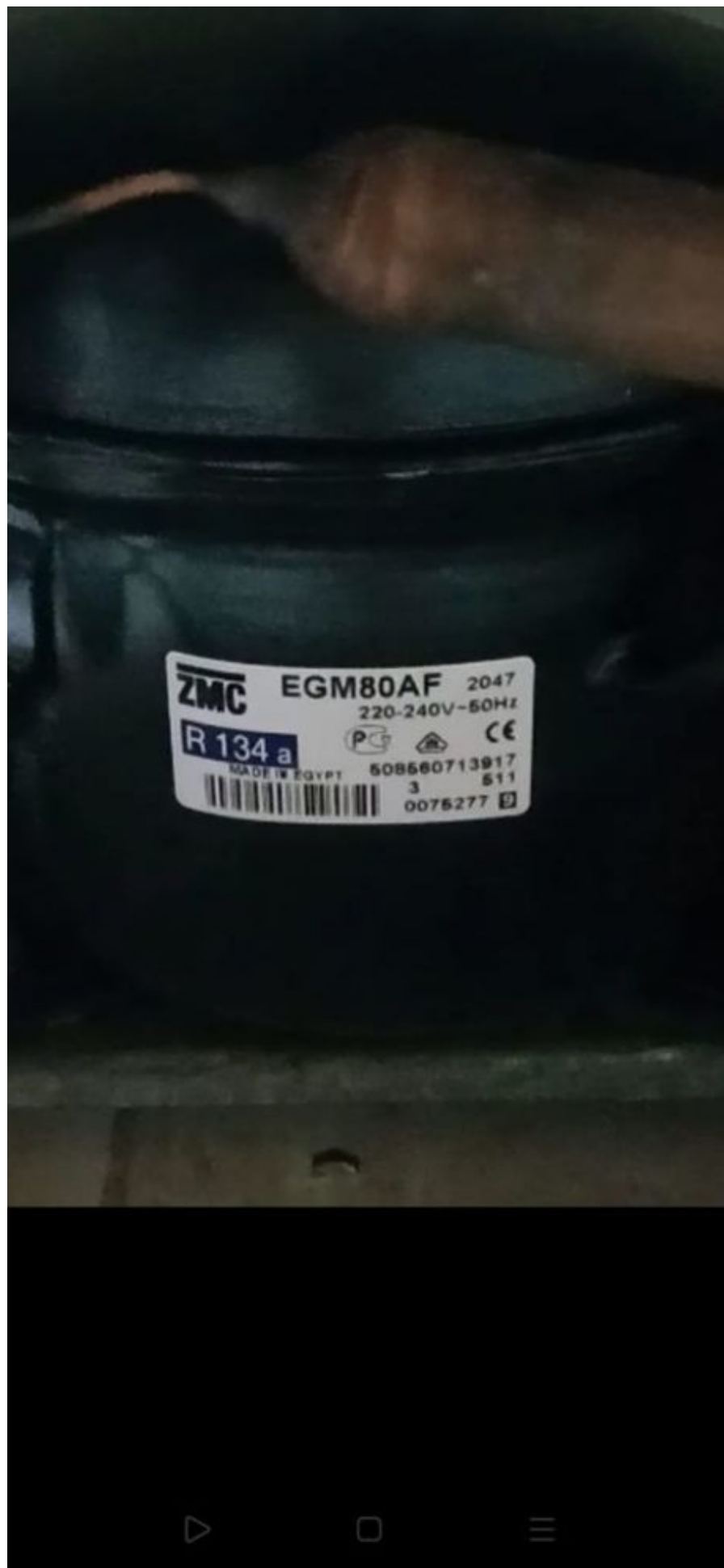
Connecteur de processus 6,5

Matériel Cuivre

## Composants électriques

Dispositif de démarrage: PTC 14Ω

Protection du moteur: T0490 / xx



# Ocean

Egyptian Italian Appliances



OCDF29514001035

Product Name. DF295 Silver

Code. DFOC295LSL004

Refrigerant R134A - 0.1 Kg

Voltage. 220-230 V

Motor Input. 1.7 A

50 / 60 Hz

Lamp Power. 15 W

Capacity. 295 L

Class. T

Net Wt. 44 Kg

Gross Wt. 49 Kg

Made in Egypt

**Ocean**

Egyptian Italian for Electrical Appliances



OCDF29514001035

Product Name: DF295 Silver

Code: DFOC295LSL004

Refrigerant R134A - 2.1 Kg

Voltage: 220-230 V

Motor Input: 1.7 A

50 / 60 Hz

Lamp Power: 15 W

Capacity: 295 L

Class: T

Net Wt: 44 Kg

Gross Wt: 49 Kg

Made in Egypt





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Mbsm.pro, PDF, Compressor, Hitachi,  
Fl 0739 (90 Watts), Fl 0847 (105  
Watts), Fl 1152 (125 Watts), Fl 1257  
(150 Watts), Fl 1462 165 Watts), Fl  
1675 (185 Watts), Fl 1888 (210  
Watts), Fl 2088 (250 Watts)

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SA\_Mbsm\_dot\_pro\_private\_PDF\_P\_COM008\_105\_spec-1Télécharger

Compressor, Hitachi, R134a, (série R012), FL1462-SA, HITACHI Brand , (Made in Thailand), 1/5 Hp, 160w, Fl 0739 (90 Watts), Fl 0847 (105 Watts), Fl 1152 (125 Watts), Fl 1257 (150 Watts), Fl 1462 165 Watts), Fl 1675 (185 Watts), Fl 1888 (210 Watts), Fl 2088 (250 Watts)

Category: compressor

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HITACHI Brand (Thailand)

Model

Fl 0739 (90 Watts)

Fl 0847 (105 Watts)

Fl 1152 (125 Watts)

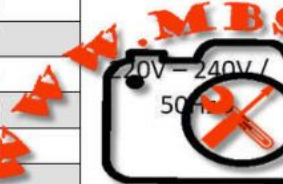
Fl 1257 (150 Watts)

Fl 1462 (165 Watts)

Fl 1675 (185 Watts)

Fl 1888 (210 Watts)

Fl 2088 (250 Watts)

| Code No.                | Model        | HP   | Capacity (W) | Current (A) | Efficiency COP (w/w) | Voltage / Frequency                                                                  |
|-------------------------|--------------|------|--------------|-------------|----------------------|--------------------------------------------------------------------------------------|
| R134a Models            |              |      |              |             |                      |                                                                                      |
| R012001                 | FL 06S34-TAB | 1/12 | 85           | 0.70        | 0.93                 |  |
| R012002                 | FL 0739-SQ   | 1/10 | 114          | 0.72        | 1.20                 |                                                                                      |
| R012003                 | FL 0847-SD   | 1/8  | 130          | 0.83        | 1.19                 |                                                                                      |
| R012005                 | FL 1152-SB   | 1/6  | 143          | 0.82        | 1.27                 |                                                                                      |
| R012006                 | FL 1257-SR   | 1/5  | 160          | 0.90        | 1.25                 |                                                                                      |
| R012007                 | FL 14S62-TAD | 1/5  | 175          | 0.95        | 1.30                 |                                                                                      |
| R012008                 | FL 1568-SQ   | 1/4  | 200          | 1.11        | 1.30                 |                                                                                      |
| R012009                 | FL 20S88-TAC | 1/3  | 255          | 1.50        | 1.25                 |                                                                                      |
| R012010                 | FL1888-SE    | 1/3  | 245          | 1.51        | 1.25                 |                                                                                      |
| R600a Models            |              |      |              |             |                      |                                                                                      |
|                         | CL 0545-SZ   | 1/12 | 62           | 0.70        | 1.12                 | 220V – 240V / 50Hz                                                                   |
|                         | CL 1297-SA   | 1/5  | 156          | 0.90        | 1.46                 |                                                                                      |
|                         | CL 1310-SA   | 1/5+ | 163          | 0.95        | 1.48                 |                                                                                      |
| R600a Models (Inverter) |              |      |              |             |                      |                                                                                      |
|                         | CL 1588-DZ   | 1/6  | 134          | 0.83        | 1.62                 | 220V – 240V / 50Hz                                                                   |
|                         | CL 1610-DL   | 1/5  | 160          | 0.90        | 1.65                 |                                                                                      |

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**F L 14 62 - S B**

**Series name/Refrigerant**

F = R134a  
R = R404A  
C = R600a

**Application category:**

L = Low back pressure  
H = High back pressure

**Nominal power (Out put)**

| Sign | Output(W) | Sign | Output(W) |
|------|-----------|------|-----------|
| 04   | 45        | 15   | 150       |
| 05   | 55        | 16   | 160       |
| 06   | 65        | 17   | 170       |
| 07   | 75        | 18   | 180       |
| 08   | 85        | 20   | 200       |
| 10   | 100       | 25   | 250       |
| 11   | 110       | 35   | 350       |
| 12   | 125       | 40   | 400       |
| 14   | 140       | 45   | 450       |

**Nominal voltages / Power source**

| Sign | Phase/voltage/frequency | Sign | Phase/voltage/frequency |
|------|-------------------------|------|-------------------------|
| H    | 1Ø 100 V 50/60 Hz       | S    | 1Ø 220 ~ 240 V 50 Hz    |
| P    | 1Ø 110 V 120 V 60 Hz    | D    | 1Ø 100 V 50/60 Hz       |
| U    | 1Ø 127 V 60 Hz          | T    | 3Ø 200 V 50/60 Hz       |
| R    | 1Ø 200 ~ 220 V 60 Hz    |      |                         |

**Displacement**

| Sign | Displacement(Cm <sup>3</sup> ) | Sign | Displacement(Cm <sup>3</sup> ) |
|------|--------------------------------|------|--------------------------------|
| 24   | 2.4                            | 62   | 6.2                            |
| 28   | 2.8                            | 68   | 6.8                            |
| 34   | 3.4                            | 75   | 7.5                            |
| 39   | 3.9                            | 88   | 8.8                            |
| 45   | 4.5                            | 97   | 9.7                            |
| 52   | 5.2                            | 11   | 11.0                           |
| 57   | 5.7                            |      |                                |

**Development**

A - Z = With oil charge  
1 - 9 = With out oil charge

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