

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

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

**Embraco®** NBU1118Y

  THERMALLY PROTECTED 240V~50Hz

 MIN. OIL 200°C PH

SUCTION SKM NO START WITHOUT STARTING DEVICE



815DA42 16/SEP/08 PA8LC10P

CAUTION



R 600a

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 :

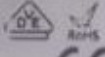
EMBRACO NBU1118Y

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



Private Picture Copyright : [WWW.MBSM.PRO](http://WWW.MBSM.PRO)

[Mbsm\\_dot\\_pro\\_private\\_PDF\\_NBU1118y-ametist-produce-doc1702-5Télécharger](#)

[Mbsm\\_dot\\_pro\\_private\\_PDF\\_NBU1118y-EMBRACO-ASPERATélécharger](#)

[Mbsm\\_dot\\_pro\\_private\\_PDF\\_NBU1118y-embraco-r600-compressorsTélécharger](#)

---

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

Category: compressor

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



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



Mbsm\_dot\_pro\_private\_PDF\_compressor-danfossTélécharger

Mbsm\_dot\_pro\_private\_PDF\_Danfoss\_komp\_R12\_R22\_R502Télécharger

Mbsm\_dot\_pro\_private\_PDF\_Danfoss\_komp\_R12\_R22\_R502-Télécharger

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                                                        |
| Private Picture Copyright : WWW.MBSM.PRO |                                             |                                                          |                               |                                                            |
| 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)                                              |
| Private Picture Copyright : WWW.MBSM.PRO |                                             |                                                          |                               |                                                            |
| 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                                                        |
| Private Picture Copyright : WWW.MBSM.PRO |                                             |                                                          |                               |                                                            |

|        |           |     |       |           |
|--------|-----------|-----|-------|-----------|
| SC12G  | 104G8240  | 4/9 | R134a | 751       |
|        | defrosLir | MBP |       | defrosLir |
| SC18G  | 104G8820  | 2/3 | R134a | 1059      |
|        |           | MBP |       |           |
| SC21G  | 104G8140  | 3/4 | R134a | 1256      |
|        |           | MBP |       |           |
| SC12CL | 104L2623  | 4/9 | R507  | 624       |
|        | defrosLir | LBP |       | defrosLir |
| SC18CL | 104L2123  | 3/4 | R507  | 893       |
|        |           | LBP |       |           |

Private Picture Copyright : WWW.MBSM.PRO

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

Category: compressor

written by www.mbsm.pro | 20 January 2021

| 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                 |                     |

Private Picture Copyright : WWW.MBSM.PRO

| 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                 |                     |

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    | 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 |
| 60Hz    | 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 |
| 200V    | 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 |
| 50/60Hz | 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 |
|         | 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 |
| 220V    | 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 |
| 60Hz    | 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 |

Private Picture Copyright : [WWW.MBSM.PRO](http://WWW.MBSM.PRO)

Mbsm\_dot\_pro\_private\_PDF\_FL1152-RGTélécharger

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

Category: Files

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



Private Picture Copyright : [WWW.MBSM.PRO](http://WWW.MBSM.PRO)



Picture Copyright: [WWW.MBSM.PRO](http://WWW.MBSM.PRO)

[Mbsm\\_dot\\_pro\\_private\\_PDF\\_HPL23YH-5-3Télécharger](#)

[Mbsm\\_dot\\_pro\\_private\\_PDF\\_HPL23YH-5-Télécharger](#)

---

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

Category: Files

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



Private Picture Copyright : [WWW.MBSM.PRO](http://WWW.MBSM.PRO)



Private Picture Copyright: [WWW.MBSM.PRO](http://WWW.MBSM.PRO)

[Mbsm\\_dot\\_pro\\_private\\_PDF\\_HPL23YH-5Télécharger](#)

[Mbsm\\_dot\\_pro\\_private\\_PDF\\_HPL23YH-5-2Télécharger](#)



Private Picture Copyright: [WWW.MBSM.PRO](http://WWW.MBSM.PRO)



Private Picture Copyright : [WWW.MBSM.PRO](http://WWW.MBSM.PRO)

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

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

## 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                   |

Private Picture Copyright: [WWW.MBSM.PRO](http://WWW.MBSM.PRO)

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                                                                         |                 |
| 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                                                                  |                 |





Picture Copyright : [WWW.MBSM.PRO](http://WWW.MBSM.PRO)

|                                      |                                                                                   |                     |
|--------------------------------------|-----------------------------------------------------------------------------------|---------------------|
| ENIEM                                |  | Fabriqu  en Alg rie |
| R frig rateur-Cong lateur            | ****                                                                              |                     |
| Mod le FR-4506K                      | Classe N                                                                          |                     |
| Volume brut                          | 447L                                                                              |                     |
| Volume utile compt denr es fra che   | 273L                                                                              |                     |
| Volume utile compt basse temp rature | 101L                                                                              |                     |
| Voltage / Fr quence                  | 220~240V ~ 50Hz                                                                   |                     |
| Puissance                            |                                                                                   |                     |
| Puissance de d givrage               | 160W                                                                              |                     |
| Puissance de lampe                   | 15W*1                                                                             |                     |
| Consommation d' nergie(kwh/24h)      | 1.42                                                                              |                     |
| R frig rant R134a                    | 90 grs                                                                            |                     |
| N  de s rie                          |                                                                                   |                     |
| Code : Q376-29.1                     |                                                                                   |                     |



Private Picture Copyright : [WWW.MBSM.PRO](http://WWW.MBSM.PRO)

## 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                   |

Private Picture Copyright : WWW.MBSM.PRO



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

Private Picture Copyright : WWW.MBSM.PRO

| 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          |

Private Picture Copyright : WWW.MBSM.PRO

## 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          | 414THBY-52 | 197SHBY-52 | 232THBY-52 | <      | <      |
|               | PART CODE  | X      | X          | 3018120700 | 3018118130 | 3018119970 | <      | <      |
| PTC           | RESISTANCE | X      | X          | S068       | S330       | S220       | <      | <      |
| OVER LOAD     | PART NAME  | X      | X          | 414THB     | 197SHB     | 232THB     | <      | <      |

Private Picture Copyright : [WWW.MBSM.PRO](http://WWW.MBSM.PRO)



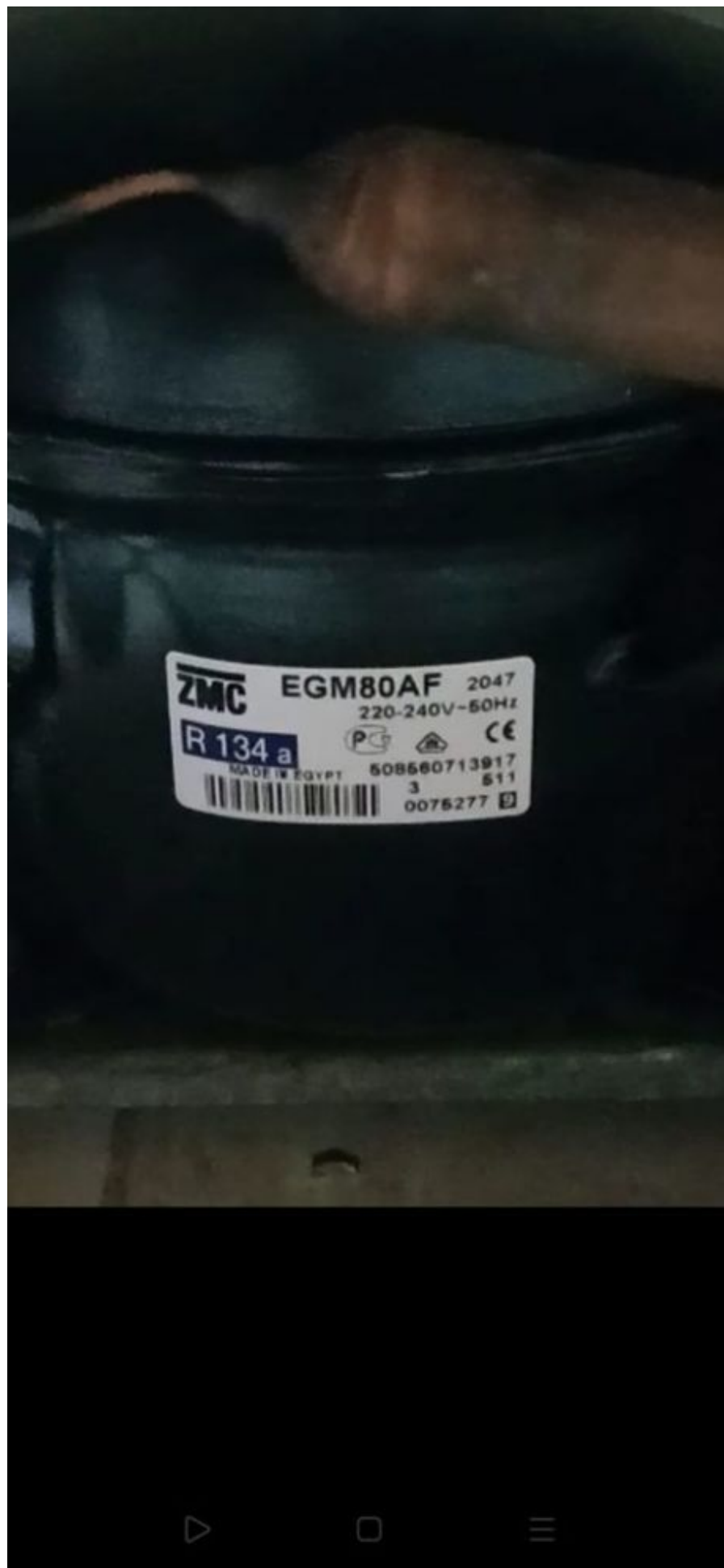
Private Picture Copyright : [WWW.MBSM.PRO](http://WWW.MBSM.PRO)

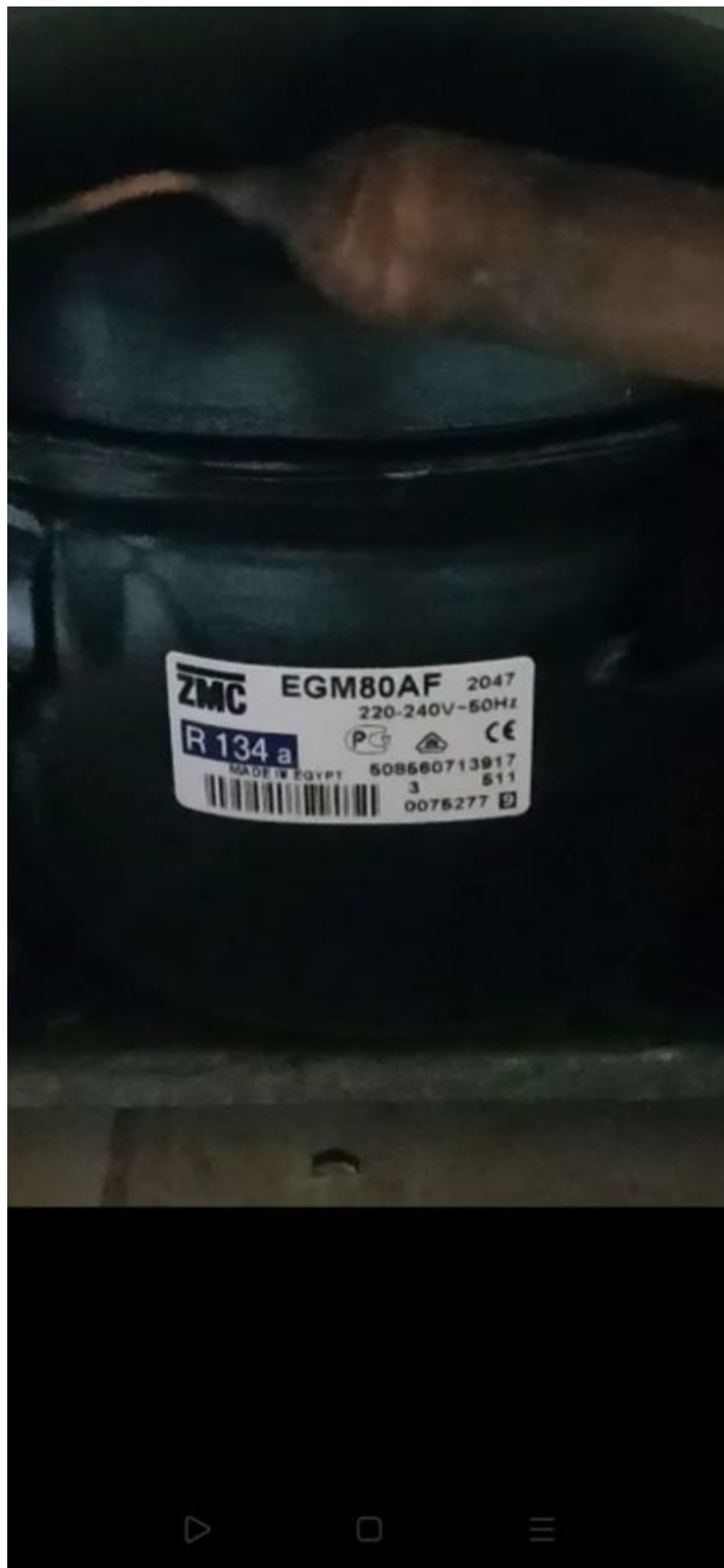
Mbsm\_dot\_pro\_private\_PDF\_HPL23YH-5Télécharger  
Mbsm\_dot\_pro\_private\_PDF\_HPL23YH-5-Télécharger  
Mbsm\_dot\_pro\_private\_PDF\_HPL23YH-5-2Télécharger  
Mbsm\_dot\_pro\_private\_PDF\_HPL23YH-5-3Télécharger

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

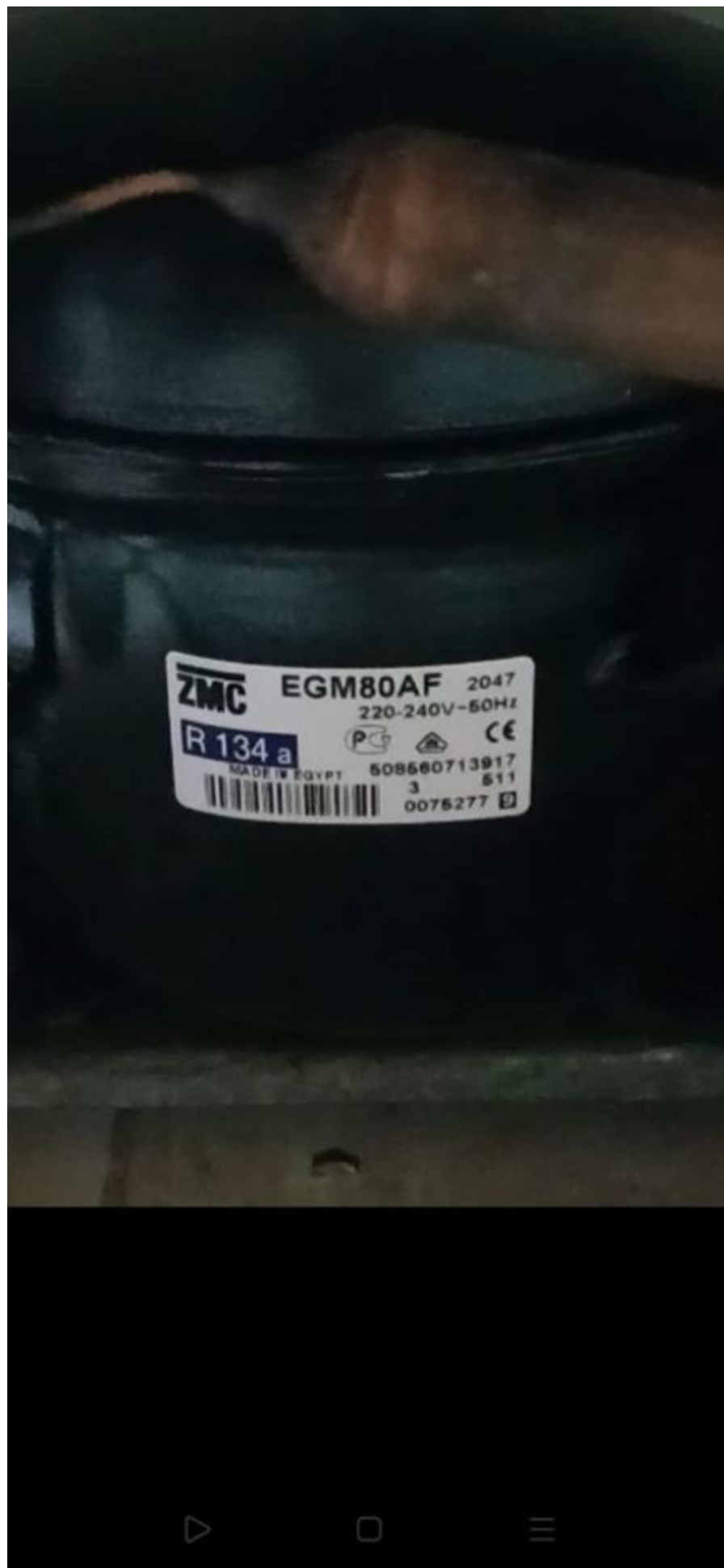




Compressor, Frigo, Moteur ZMC, 1/4 HP, LBP, RSIR / RSCR, GM 80 AF, GM80AF, R-134, 198 KCAL, Frigo OCEAN, 100cm/60cm , Ocean, Made in Egipt, Capacity 295 L, Charge 100G

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

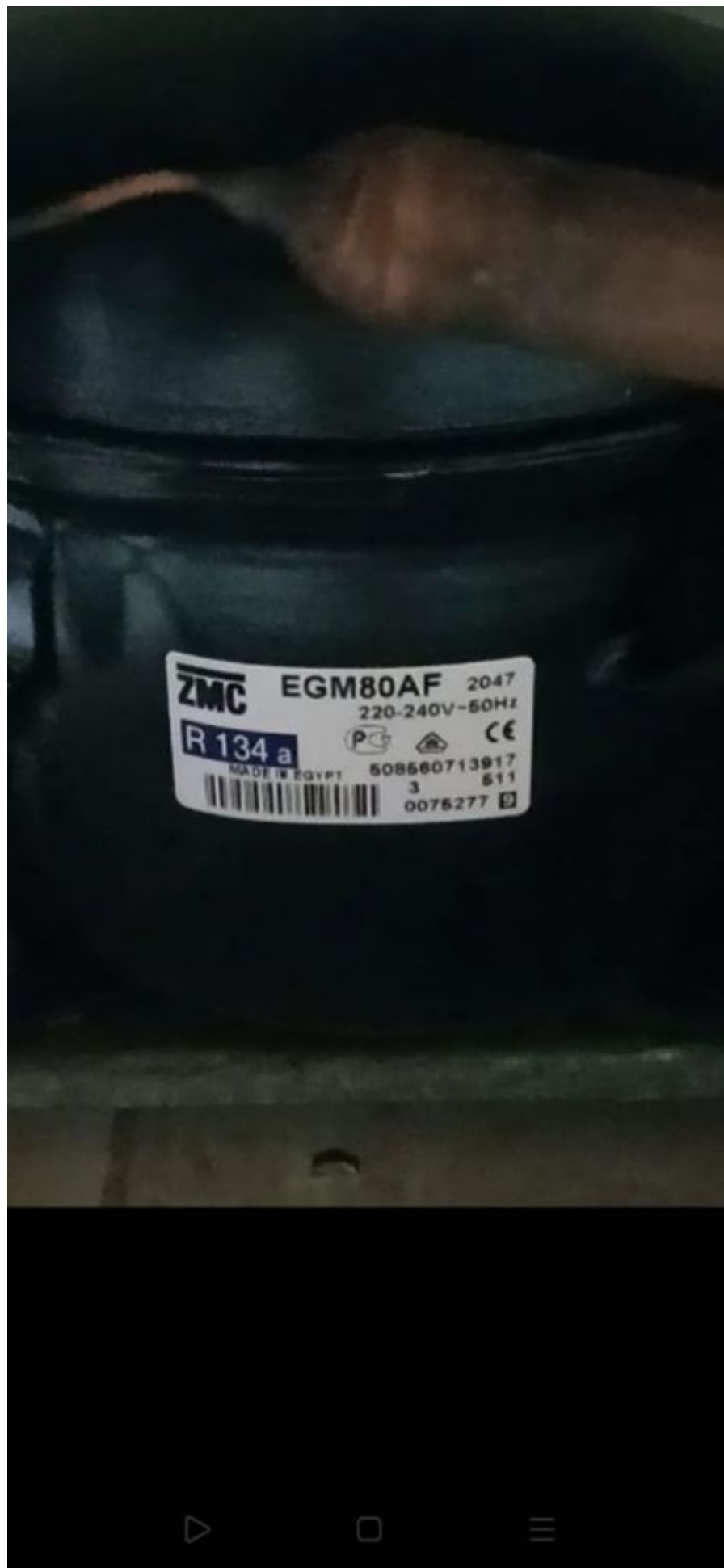
|                                       |                         |
|---------------------------------------|-------------------------|
| Type de moteur:                       | RSIR / RSCR *           |
| Plage de travail de tension à 50 Hz:  | 187-264V                |
| Température maximale du moteur: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





Private Picture Copyright : [WWW.MBSM.PRO](http://WWW.MBSM.PRO)

Mbsm\_dot\_pro\_private\_PDF\_EGM80AFTélécharger

---

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)

Category: Files

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





Private Picture Copyright: [WWW.MBSM.PRO](http://WWW.MBSM.PRO)

Mbsm\_dot\_pro\_private\_PDF\_FL1462-SA\_Hitachi-catalogueTélécharger

Mbsm\_dot\_pro\_private\_PDF\_FL1462-

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

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



Private Picture Copyright: [WWW.MBSM.PRO](http://WWW.MBSM.PRO)

HITACHI Brand (Thailand)

Model

FL 0739 (90 Watts)

FL 0847 (105 Watts)

FL 1152 (125 Watts)

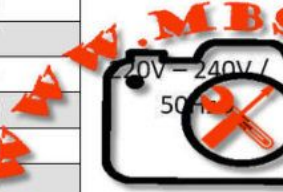
FL 1257 (150 Watts)

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 /<br>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 /<br>50Hz                                                              |
|                         | CL 1610-DL   | 1/5  | 160          | 0.90        | 1.65                 |                                                                                    |

Private Picture Copyright : [WWW.MBSM.PRO](http://WWW.MBSM.PRO)



**WWW.MBSM.PRO**

**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

Private Picture Copyright : WWW.MBSM.PRO

Mbsm\_dot\_pro\_private\_PDF\_FL1462-SA\_Hitachi-catalogueTélécharger

Mbsm\_dot\_pro\_private\_PDF\_FL1462-

SA\_Mbsm\_dot\_pro\_private\_PDF\_P\_COM008\_105\_specTélécharger