

written by [www.mbsm.pro](http://www.mbsm.pro) | 28 March 2023

## HERMETIC COMPRESSORS AND SPARES

19-01-2009

### EMBRACO

A range of domestic/light commercial compressors covering applications using R12 (alternative replacements) and R134A refrigerants. Compressors are supplied with LST electrics as standard. PW/FF compressors can be fitted with a start capacitor for HST applications.



| CODE                     | MODEL     | APPLICATION | VOLTS/HZ      | DISP CC | NOM HP | LIST £ |
|--------------------------|-----------|-------------|---------------|---------|--------|--------|
| <b>R12 REFRIGERANT</b>   |           |             |               |         |        |        |
| 040453                   | EM30NP    | LBP         | 220-240/50    | 3.01    | 1/10   | 81.08  |
| 040456                   | EM40NP    | LBP         | 220-240/50    | 3.77    | 1/8    | 84.29  |
| 040459                   | EM55NP    | LBP         | 220-240/50    | 4.99    | 1/6    | 88.14  |
| 040465                   | PW3.5K9   | H/M/LBP     | 220/50-60     | 3.47    | 1/8    | 78.23  |
| 040468                   | PW4.5K11  | H/M/LBP     | 220/50-60     | 4.33    | 1/6    | 81.65  |
| 040474                   | FF6BK     | H/M/LBP     | 220-240/50    | 6.23    | 1/5    | 91.00  |
| 040477                   | FF7.5BK   | H/M/LBP     | 220-240/50    | 6.93    | 1/5    | 93.51  |
| <b>R134A REFRIGERANT</b> |           |             |               |         |        |        |
| 040503                   | EM30HNP   | LBP         | 220-240/50    | 3.01    | 1/12   | 97.88  |
| 040506                   | EM40HNP   | LBP         | 220-240/50    | 3.77    | 1/10   | 100.88 |
| 040509                   | EM50HNP   | LBP         | 220-240/50    | 4.99    | 1/8    | 102.83 |
| 040512                   | EM60HNP   | LBP         | 220-240/50    | 5.54    | 1/6    | 106.66 |
| 040568                   | EM45HHR   | M/M/LBP     | 220-240/50    | 3.77    | 1/10   | 101.25 |
| 040569                   | EM55HHR   | HBP         | 220-240/50    | 4.60    | 1/8    | 104.88 |
| 040570                   | EM65HHR   | HBP         | 220-240/50    | 5.54    | 1/6    | 109.15 |
| 040533                   | PW3.5HK9  | HBP         | 220-240/50-60 | 3.47    | 1/8    | 95.54  |
| 040536                   | PW4.5HK11 | HBP         | 220-240/50-60 | 4.33    | 1/6    | 97.89  |
| 040515                   | FF16HAK   | H/M/LBP     | 220-240/50-60 | 6.23    | 1/5    | 108.73 |
| 040518                   | FG75HAK   | H/M/LBP     | 220-240/50    | 7.95    | 1/4    | 111.13 |
| 040521                   | FG85HAK   | H/M/LBP     | 220-240/50    | 9.05    | 1/4    | 114.84 |
| 040527                   | FF110HAK  | H/M/LBP     | 220-240/50-60 | 9.05    | 1/4    | 121.31 |
| 040530                   | FF112HBK  | H/M/LBP     | 220-240/50    | 11.15   | 1/3    | 137.60 |

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Mbsm.pro, Files, PDF, HERMETIC COMPRESSORS AND SPARES

## Mbsm.pro, Files, Docx, COMPRESSOR EQUIVALENCE, r12

Category: Files

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| COMPRESSOR EQUIVALENCE    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |  |  |  |  |
|---------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|--|--|
| IDENTIFY YOUR COMPRESSORS |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |  |  |  |  |
| CODE                      | DESCRIPTION                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |  |  |  |  |
| T A J 4 5 19 Z H R        | Group description                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |  |  |  |  |
| T A J 4 5 19 Z            | Compressor description                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |  |  |  |  |
| R                         | No letter = welding valve<br>Letter R = with bottle                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |  |  |  |  |
| H                         | H = high induction pressure (-15°C à +15°C)<br>B = low induction pressure (-40°C à -10°C)<br>M = medium and high induction pressure (-25°C à +15°C)                                                                                                                                                                                                                                                                                                                                     |  |  |  |  |  |
| Z                         | A, B, or D = refrigerant R12<br>C = refrigerant R407<br>E, F, G or H = refrigerant R22<br>J, K, L = refrigerant R502<br>T = refrigerant R22 or R502<br>Y = refrigerant R134A<br>Z = refrigerant R404A or R407B or R507                                                                                                                                                                                                                                                                  |  |  |  |  |  |
| 19                        | Corresponds to the first refrigeration power numbers expressed in BTU/h at 60Hz<br>Example : 19 preceded by the number 5 means 19 000 BTU/h                                                                                                                                                                                                                                                                                                                                             |  |  |  |  |  |
| 5                         | Number of figures composing the refrigeration power.<br>Example : 19 000 BTU/h                                                                                                                                                                                                                                                                                                                                                                                                          |  |  |  |  |  |
| 4                         | Applications<br>1 = Low vaporization pressure. Engine with standard start-up torque<br>2 = Low vaporization pressure. Engine with start-up torque<br>3 = High vaporization pressure. Engine with standard start-up torque<br>4 = High vaporization pressure. Engine with start-up torque<br>5 = Air conditioning<br>6 = Medium and high vaporization pressure. Engine with high start-up torque<br>0 = Medium and high vaporization pressure. Engine with high standard start-up torque |  |  |  |  |  |
| AJ                        | Family : TH-AZ-AEZ-AE-AJ-FH-AH-AI-RK-RGA<br>P designates compressors intended for parallel disassembly<br>Ex : TAHP, TAGP, TANP<br>D designates compressors mounted in 'couple'<br>S designates single-propeller condensation groups<br>C or noletter = single-phased<br>T = tri-phased                                                                                                                                                                                                 |  |  |  |  |  |
| T                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |  |  |  |  |

  

| R12-POWERED LOW PRESSURE COMPRESSORS |      |        |         |        |        |         |           |
|--------------------------------------|------|--------|---------|--------|--------|---------|-----------|
| Hermetic Unit                        | CV   | Aspera | Danfoss | Necchi | Uninad | Zanussi | DKK       |
| AE1227                               | 1/12 | A1055  | TL3A    | M3.5   | D30AS  | E30601  | KH0.63N06 |
| AZ1335D                              | 1/8  | A1075  | TL4A    | M4     | D36AS  | E44101  | KH0.75N07 |
| AZ1355D                              | 1/6  | A1111  | TL5A    | M5     | L55A   | V1040G  | MH1.0N12  |
| AEZ1360A                             | 1/5  | B1112  | FR7.5A  | M7     | L76A   | V1350E  | MH1.25N12 |
| AEZ1380A                             | 1/4  | A1118  | FR10A   | M9     | L88    | E88102  | MH1.6H15  |
| AE1410A                              | 1/3  | E1121  | FR11A   | M11    | P12    |         | MH2.0H15  |
| AE1412A                              | 3/8  | T1124  | SC15A   | M13    | P14    |         |           |

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| R12-POWERED HIGH PRESSURE COMPRESSORS |     |        |         |        |         |           |
|---------------------------------------|-----|--------|---------|--------|---------|-----------|
| Hermetic Unit                         | CV  | Aspera | Danfoss | Necchi | Uninad  | DKK       |
| AZ9387                                | 1/6 | A5132  | FR6BX   | M4H    | AE65ZA7 |           |
| CAE592F9                              | 1/5 | A5160  | FR8.5B  | M7H    | L57PX   | MH1.25N18 |
| CAE4440A                              | 1/3 | E6185  | SC10B   |        | P14TY   |           |
| CA34452A                              | 3/8 | E6187  | SC12B   |        |         |           |
| CA34461A                              | 1/2 | T6213  | SC15B   |        | CAJ2P   |           |
| CA34492A                              | 3/4 | J6220  | SC21B   |        |         |           |
| CA34511A                              | 1   | J6226  |         |        |         |           |
| CAH4518A                              | 1.5 | H6238  |         |        |         |           |
| CAH4525A                              | 2   | H6253  |         |        |         |           |

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Mbsm.pro, Files, Docx, COMPRESSOR EQUIVALENCE, r12

# Mbsm.pro, Compressor, AHA4525AFZ, CAH4525A, 2 hp, r12

Category: compressor

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Mbsm.pro, Compressor, AHA4525AFZ, CAH4525A, H6253, 2 hp, r12

# Mbsm.pro, Compressor, NEU6212Z, 1/2 hp, EMBRACO, ASPERA, R134A, hbp

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Mbsm.pro, Compressor, NEU6212Z, 1/2 hp, EMBRACO, ASPERA, R134A, hbp

# Mbsm.pro, Compressor, CAE59ZF9, 1/5 hp, r12

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Mbsm.pro, Compressor, CAE59ZF9, 1/5 hp, r12

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## Mbsm.pro, Compressor, Qd59, 1/6 hp++, 1/5 hp–, 142 w, QD series Compressor

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Mbsm.pro, Compressor, Qd59, 1/6 hp++, 1/5 hp–, 142 w, QD series Compressor

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# Board for the White Point refrigerator

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Mbsm.pro, Fridge Compressor,  
Tecumseh, AZ Freezer, AE, R134a,  
AE4460YFZ1C, ae8284br, ae4460y, ae  
8284 br, ae 4460 y, 1/2 hp, hbp

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(P)



Tecumseh

AE-8284-BR

R-134a

AE4460Y-FZ1C

220-240V ~ 50 Hz

LRA: 18.0

625-10017



SUCTION



EAC

51

K2617

23

020341

THERMALLY PROTECTED  
COUNTRY OF ORIGIN: BRAZIL



Galaxy M32

Mbsm.pro, Fridge Compressor, Tecumseh, AZ Freezer, AE, R134a, AE4460YFZ1C, ae8284br, ae4460y, ae 8284 br, ae 4460 y, 1/2 hp, hbp

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## Mbsm.pro, Kikr inverter, kikdr G08b05

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Mbsm.pro, Kikr inverter, kikdr G08b05