

# Hermetic Compressor Product Guide



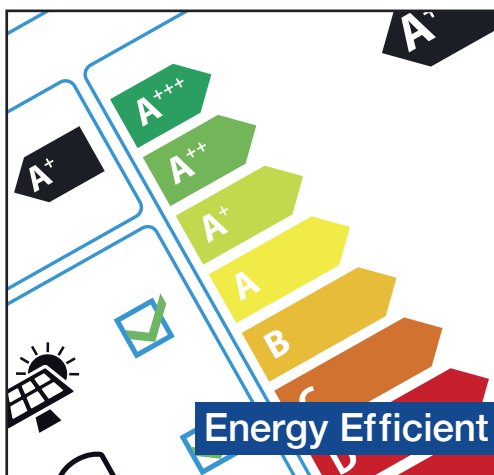
Issue 1



**MITSUBISHI  
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**Air Conditioning**

# Product Guide



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# embraco





## Embraco Reciprocating Compressors

Embraco has been making compressors for domestic and commercial refrigeration systems since 1971 and now produces over 40 million compressors a year produced by 9,000 workers in factories stretching from Brazil (headquarters) to China. Supplying compressors to more than 80 countries it holds over 1,700 patents to ensure it leads the world in compressor efficiencies and development. The company employs over 600 engineers/technicians and has development partnerships in place with 120 university partners which keeps the company abreast of the latest innovations. The business constantly searches for high efficiency solutions and it leads in this area.

The compressors range is specifically developed for the domestic and commercial market covering a range of 1/8hp to 1.1/2hp.

**embraco**

# Embraco Compressors



| PART NUMBER | COMPRESSOR MODEL NUMBER | APPLICATION | NOMINAL HP | DISPLACEMENT | POWER SUPPLY                        | LRA    | COOLING TYPE | EXPANSION DEVICE | OIL TYPE | OIL CHARGE cc | CONNECTION TYPE | DISCHARGE SIZE | SUCTION SIZE         | WEIGHT (KG) | HEIGHT (MM) | CAPACITY HBP -5c | CAPACITY HBP -25c |
|-------------|-------------------------|-------------|------------|--------------|-------------------------------------|--------|--------------|------------------|----------|---------------|-----------------|----------------|----------------------|-------------|-------------|------------------|-------------------|
| R134A       |                         |             |            |              |                                     |        |              |                  |          |               |                 |                |                      |             |             |                  |                   |
| 207359      | EMT50HDP                | HBP         | 5/32       | 4.5 cm3      | 220-240V 50Hz 1                     | 9.1 A  | F            | C                | POE 22   | 180 cm3       | CT              | 4,9 mm         | 6,1mm                | 7.7         | 166         | 303              |                   |
| 209012      | EMT45HDR                | MBP         | 1/8        | 3.97 cm3     | 220-240V 50Hz 1                     | 5.4 A  | F            | C/TEV            | POE 22   | 180 cm3       | CT              | 4,9 mm         | 6,1mm                | 7.7         | 166         | 229              |                   |
| 209014      | EMT6144Z                | MBP         | 1/5        | 5.2 cm3      | 220-240V 50Hz 1                     | 8.5 A  | F            | C/TEV            | POE 22   | 180 cm3       | CT              | 4,9 mm         | 6,1mm                | 7.8         | 166         | 367              |                   |
| 207508      | EMT6160Z                | MBP         | 1/4        | 6.76 cm3     | 220-240V 50Hz 1                     | 9.8 A  | F            | C/TEV            | POE 22   | 180 cm3       | CT              | 4,9 mm         | 6,1mm                | 7.8         | 166         | 469              |                   |
| 209016      | EMT6170Z                | MBP         | 1/4        | 7.69 cm3     | 220-240V 50Hz 1                     | 10.4 A | F            | C/TEV            | POE 22   | 180 cm3       | CT              | 4,9 mm         | 6,1mm                | 7.8         | 166         | 522              |                   |
| NEK6160Z    | NEK6160Z                | MBP         | 1/4        | 7.28 cm3     | 220-240V 50Hz 1                     | 11.5 A | F            | C/TEV            | POE 22   | 350 cm3       | CT              | 6,1 mm         | 8,2mm                | 10.4        | 187         | 448              |                   |
| 208894      | NEK6170Z                | MBP         | 1/4        | 8.4 cm3      | 220-240V 50Hz 1                     | 12.4 A | F            | C/TEV            | POE 22   | 350 cm3       | CT              | 6,1 mm         | 8,2mm                | 10.4        | 187         | 527              |                   |
| 208896      | NEK6187Z                | MBP         | 1/3        | 10 cm3       | 220-240V 50Hz 1                     | 16.1 A | F            | C/TEV            | POE 22   | 350 cm3       | CT              | 6,1 mm         | 8,2mm                | 11          | 200         | 600              |                   |
| 208898      | NEK6210Z                | MBP         | 1/3        | 12.12 cm3    | 220-240V 50Hz 1                     | 19.5 A | F            | C/TEV            | POE 22   | 350 cm3       | CT              | 6,1 mm         | 8,2mm                | 11.6        | 206         | 637              |                   |
| 208900      | NEK6212Z                | MBP         | 1/2        | 14.3 cm3     | 220-240V 50Hz 1                     | 19.5 A | F            | C/TEV            | POE 22   | 350 cm3       | CT              | 6,1 mm         | 8,2mm                | 11.6        | 206         | 830              |                   |
| 207516      | NEK6214Z                | MBP         | 1/2        | 16.8 cm3     | 220-240V 50Hz 1                     | 25.5 A | F            | C/TEV            | POE 22   | 350 cm3       | CT              | 6,1 mm         | 8,2mm                | 11.6        | 206         | 945              |                   |
| 208906      | NT6215Z                 | MBP         | 1/2        | 17.4 cm3     | 220-240V 50Hz / 230V 60Hz 1         | 20.7 A | F            | C/TEV            | POE 22   | 450 cm3       | CT              | 6,45 mm        | 9,6mm                | 17          | 220         | 998              |                   |
| 208908      | NT6217Z                 | MBP         | 3/4        | 20.4 cm3     | 220-240V 50Hz 1                     | 25 A   | F            | C/TEV            | POE 22   | 450 cm3       | CT              | 6,45 mm        | 9,6mm                | 17          | 220         | 1173             |                   |
| 208910      | NT6220Z                 | MBP         | 3/4        | 22.4 cm3     | 220-240V 50Hz / 230V 60Hz 1         | 29.5 A | F            | C/TEV            | POE 22   | 450 cm3       | CT              | 6,45 mm        | 9,6mm                | 17.2        | 220         | 1280             |                   |
| 207705      | NJ6220Z                 | MBP         | 3/4        | 26.1 cm3     | 220-240V 50Hz 1                     | 35 A   | F            | C/TEV            | POE 22   | 750 cm3       | RCT             | 8 mm           | thread 1" -14UN S-2A | 20.5        | 265         | 1419             |                   |
| 207706      | NJ6220Z                 | MBP         | 3/4        | 26.1 cm3     | 220-240V 50Hz 1                     | 35 A   | F            | C/TEV            | POE 22   | 750 cm3       | CT              | 8 mm           | 9,6mm                | 20.5        | 265         | 1419             |                   |
| 208902      | NJ6220ZX                | MBP         | 3/4        | 26.1 cm3     | 380-420V 50Hz / 440-480V 60 Hz 3 ph | 10 A   | F            | C/TEV            | POE 22   | 750 cm3       | RCT             | 8 mm           | thread 1" -14UN S-2A | 19.6        | 265         | 1673             |                   |
| 207713      | NJ6226Z                 | MBP         | 1/1        | 34.4 cm3     | 220-240V 50Hz 1                     | 31 A   | F            | C/TEV            | POE 22   | 750 cm3       | RCT             | 8 mm           | thread 1" -14UN S-2A | 19.8        | 253         | 1892             |                   |
| 208904      | NJ6226ZX                | MBP         | 1/1        | 34.4 cm3     | 380-420V 50Hz / 440-480V 60 Hz 3 ph | 13 A   | F            | C/TEV            | POE 22   | 750 cm3       | RCT             | 8 mm           | thread 1" -14UN S-2A | 20.2        | 265         | 2398             |                   |
| 208915      | NEK1116Z                | LBP         | 1/5        | 7.4 cm3      | 220-240V 50Hz 1                     | 14 A   | F            | C/TEV            | POE 22   | 350 cm3       | CT              | 6,1 mm         | 8,2mm                | 10.8        | 200         |                  | 172               |
| 209262      | NEK1118Z                | LBP         | 1/4        | 8.4 cm3      | 220-240V 50Hz 1                     | 16 A   | F            | C/TEV            | POE 22   | 350 cm3       | CT              | 6,1 mm         | 8,2mm                | 10.7        | 200         |                  | 195               |
| 208916      | NEK2116Z                | LBP         | 1/5        | 7.4 cm3      | 220-240V 50Hz 1                     | 10 A   | F            | C/TEV            | POE 22   | 350 cm3       | CT              | 6,1 mm         | 8,2mm                | 10.4        | 187         |                  | 169               |
| 208918      | NE2121Z                 | LBP         | 1/4        | 9.27 cm3     | 220-240V 50Hz 1                     | 12.6 A | F            | C/TEV            | POE 22   | 350 cm3       | CT              | 6,1 mm         | 8,2mm                | 10.9        | 200         |                  | 217               |
| 208920      | NE2130Z                 | LBP         | 1/3        | 12.12 cm3    | 220-240V 50Hz 1                     | 17 A   | F            | C/TEV            | POE 22   | 350 cm3       | CT              | 6,1 mm         | 8,2mm                | 11.6        | 200         |                  | 268               |
| 208922      | NEK2140Z                | LBP         | 1/2        | 16.8 cm3     | 220-240V 50Hz 1                     | 17 A   | F            | C/TEV            | POE 22   | 350 cm3       | CT              | 6,1 mm         | 8,2mm                | 11.6        | 206         |                  | 372               |
| R290        |                         |             |            |              |                                     |        |              |                  |          |               |                 |                |                      |             |             |                  |                   |
| 208872      | EMT6144U                | MBP         | 1/5        | 4.5 cm3      | 220-240V 50Hz 1                     | 7.7 A  | F            | C/TEV            | POE 22   | 180 cm3       | CT              | 4,9 mm         | 6,1mm                | 7.8         | 166         | 413              |                   |
| 208966      | EMT6152U                | MBP         | 1/4        | 5.2 cm3      | 220-240V 50Hz 1                     | 8.5 A  | F            | C/TEV            | POE 22   | 180 cm3       | CT              | 4,9 mm         | 6,1mm                | 7.8         | 166         | 500              |                   |
| 208968      | EMT6165U                | MBP         | 1/4        | 5.96 cm3     | 220-240V 50Hz 1                     | 10.4 A | F            | C/TEV            | POE 22   | 180 cm3       | CT              | 4,9 mm         | 6,1mm                | 7.8         | 166         | 571              |                   |
| 208882      | NEK6181U                | MBP         | 1/3        | 7.28 cm3     | 220-240V 50Hz 1                     | 12 A   | F            | C/TEV            | POE 22   | 350 cm3       | CT              | 6,1 mm         | 8,2mm                | 10.4        | 187         | 637              |                   |
| 208970      | NEK6210U                | MBP         | 1/3        | 8.78 cm3     | 220-240V 50Hz 1                     | 16.1 A | F            | C/TEV            | POE 22   | 350 cm3       | CT              | 6,1 mm         | 8,2mm                | 11          | 200         | 776              |                   |
| 208874      | NEK6213U                | MBP         | 1/2        | 12.12 cm3    | 220-240V 50Hz 1                     | A      | F            | C/TEV            | POE 22   | 350 cm3       | CT              | 6,1 mm         | 8,2mm                | 10.4        | 187         | 1132             |                   |
| 209285      | NEK6217U                | MBP         | 3/4        | 14.3 cm3     | 220-240V 50Hz 1                     | 24 A   | F            | C/TEV            | POE 22   | 350 cm3       | CT              | 6,1 mm         | 8,2mm                | 11.6        | 206         | 1233             |                   |

| PART NUMBER | COMPRESSOR<br>MODEL NUMBER | APPLICATION | NOMINAL HP | DISPLACEMENT | POWER SUPPLY                        | LRA    | COOLING TYPE | EXPANSION DEVICE | OIL TYPE     | OIL CHARGE cc | CONNECTION TYPE | DISCHARGE SIZE | SUCTION SIZE         | WEIGHT (KG) | HEIGHT (MM) | CAPACITY HBP -5c | CAPACITY HBP -25c |
|-------------|----------------------------|-------------|------------|--------------|-------------------------------------|--------|--------------|------------------|--------------|---------------|-----------------|----------------|----------------------|-------------|-------------|------------------|-------------------|
| 208972      | NT6217U                    | MBP         | 3/4        | 16.8 cm3     | 220-240V 50Hz 1                     | A      | F            | C/TEV            | POE 22       | 450 cm3       | CT              | 6,45 mm        | 9,6mm                | 17          | 220         | 1210             |                   |
| 208974      | NT6220U                    | MBP         | 3/4        | 17.4 cm3     | 220-240V 50Hz 1                     | 30 A   | F            | C/TEV            | POE 22       | 450 cm3       | CT              | 6,45 mm        | 9,6mm                | 17          | 220         | 1472             |                   |
| 208976      | NT6222U                    | MBP         | 3/4        | 20.4 cm3     | 220-240V 50Hz 1                     | 30 A   | F            | C/TEV            | POE 22       | 450 cm3       | CT              | 6,45 mm        | 9,6mm                | 17          | 220         | 1695             |                   |
| D823963     | NT6224U                    | MBP         | 1          | 22.4 cm3     | 220-240V 50Hz 1                     | 26 A   | F            | C/TEV            | POE 22       | 450 cm3       | CT              | 6,45 mm        | 9,6 mm               | 17.2        | 220         | 1920             |                   |
| 208853      | EMT2117U                   | LBP         | 1/5        | 4.5 cm3      | 220-240V 50Hz 1                     | 7.7 A  | F            | C/TEV            | POE 22       | 180 cm3       | CT              | 4,9 mm         | 6,1mm                | 7.8         | 166         |                  | 184               |
| 208978      | EMT2121U                   | LBP         | 1/4        | 5.57 cm3     | 220-240V 50Hz 1                     | 7.7 A  | F            | C/TEV            | POE 22       | 180 cm3       | CT              | 4,9 mm         | 6,1mm                | 7.8         | 166         |                  | 238               |
| 208980      | EMT2125U                   | LBP         | 1/3        | 5.96 cm3     | 220-240V 50Hz 1                     | 9.8 A  | F            | C/TEV            | POE 22       | 180 cm3       | CT              | 4,9 mm         | 6,1mm                | 7.8         | 166         |                  | 265               |
| 208984      | NEK2134U                   | LBP         | 1/2        | 10 cm3       | 220-240V 50Hz 1                     | 13.1 A | F            | C/TEV            | POE 22       | 350 cm3       | CT              | 6,1 mm         | 8,2mm                | 11          | 200         |                  | 395               |
| 208857      | NEK2150U                   | LBP         | 1/2        | 13.54 cm3    | 220-240V 50Hz 1                     | 19.5 A | F            | C/TEV            | POE 22       | 350 cm3       | CT              | 6,1 mm         | 8,2mm                | 11.6        | 206         |                  | 515               |
| 208986      | NT2160U                    | LBP         | 3/4        | 17.4 cm3     | 220-240V 50Hz 1                     | A      | F            | C/TEV            | POE 22       | 450 cm3       | CT              | 6,45 mm        | 9,6mm                | 18          | 220         |                  | 626               |
| 208988      | NT2170U                    | LBP         | 3/4        | 20.4 cm3     | 220-240V 50Hz 1                     | 25 A   | F            | C/TEV            | POE 22       | 450 cm3       | CT              | 6,45 mm        | 9,6mm                | 18          | 220         |                  | 740               |
| 208876      | NT2180U                    | LBP         | 1          | 22.4 cm3     | 220-240V 50Hz 1                     | 35 A   | F            | C/TEV            | POE 22       | 450 cm3       | CT              | 6,45 mm        | 9,6mm                | 18.2        | 234         |                  | 835               |
| 208990      | NT2210U                    | LBP         | 1.1/4      | 27.8 cm3     | 220-240V 50Hz 1                     | 33 A   | F            | C/TEV            | POE 22       | 450 cm3       | CT              | 6,45 mm        | 9,6mm                | 18.5        | 234         |                  | 1041              |
| 209001      | EM2X1121U                  | LBP         | 1/3        | 5.54 cm3     | 220-240V 50Hz 1                     | 10 A   | S            | C                | ES-TER ISO10 | 150 cm3       | CT              | 4,9 mm         | 6,1 mm               | 8.19        | CALL        |                  | 254               |
| 209003      | EM2X1125U                  | LBP         | 1/3        | 6.09 cm3     | 220-240V 50Hz 1                     | CALL   | S            | C                | ES-TER ISO10 | 150 cm3       | CT              | 6,1 mm         | 6,1 mm               | 8.03        | CALL        |                  | 290               |
| 209005      | EMTE2134U                  | LBP         | 1/2        | 9.5 cm3      | 220-240V 50Hz 1                     | 14.9 A | F            | C/V              | POE 22       | 210 cm3       | CT              | 6,1 mm         | 8,2 mm               | 8.6         | 171         |                  | 405               |
| 209007      | NEU2155U                   | LBP         | 3/4        | 13.54 cm3    | 220-240V 50Hz 1                     | 17.5 A | F            | C/V              | POE 22       | 350 cm3       | CT              | 6,1 mm         | 8,2 mm               | 11.1        | 200         |                  | 565               |
| R404A       |                            |             |            |              |                                     |        |              |                  |              |               |                 |                |                      |             |             |                  |                   |
| NJ9226GK-S  | NJ9226GK                   | HBP         | 1          | 21.7 cm3     | 230V 50Hz 1                         | 27.5 A | F            | C/TEV            | POE 22       | 750 cm3       | RCT             | 8 mm           | thread 1" -14UN S-2A | 20.7        | 265         | 2176             |                   |
| 208820      | NJ9226GK                   | HBP         | 1          | 21.7 cm3     | 230V 50Hz 1                         | 27.5 A | F            | C/TEV            | POE 22       | 750 cm3       | RCT             | 8 mm           | thread 1" -14UN S-2A | 20.7        | 265         | 2176             |                   |
| 208938      | NJ9226GS                   | HBP         | 1          | 21.7 cm3     | 380-420V 50Hz / 440-480V 60 Hz 3 ph | 10 A   | F            | C/TEV            | POE 22       | 750 cm3       | CT              | 8 mm           | 9,6mm                | 19          | 265         | 2086             |                   |
| NJ9232GK    | NJ9232GK                   | HBP         | 1.1/2      | 26.1 cm3     | 220-240V 50Hz 1                     | 43 A   | F            | C/TEV            | POE 22       | 750 cm3       | CT              | 8 mm           | 12,8mm               | 21.6        | 277         | 2669             |                   |
| 208830      | NJ9232GK                   | HBP         | 1.1/2      | 26.1 cm3     | 220-240V 50Hz 1                     | 43 A   | F            | C/TEV            | POE 22       | 750 cm3       | RCT             | 8 mm           | thread 1" -14UN S-2A | 21.6        | 277         | 2669             |                   |
| 208840      | NJ9232GS                   | HBP         | 1.1/2      | 26.1 cm3     | 380-420V 50Hz / 440-480V 60 Hz 3 ph | 13 A   | F            | C/TEV            | POE 22       | 750 cm3       | RCT             | 8 mm           | thread 1" -14UN S-2A | 20.4        | 277         | 2476             |                   |
| NJ9238GK    | NJ9238GK                   | HBP         | 1.1/2      | 32.7 cm3     | 230V 50Hz 1                         | 43 A   | F            | C/TEV            | POE 22       | 750 cm3       | CT              | 8 mm           | 12,8mm               | 22.1        | 277         | 2970             |                   |
| 208845      | NJ9238GK                   | HBP         | 1.1/2      | 32.7 cm3     | 230V 50Hz 1                         | 43 A   | F            | C/TEV            | POE 22       | 750 cm3       | RCT             | 8 mm           | thread 1" -14UN S-2A | 22.1        | 277         | 3133             |                   |
| 208752      | NJ9238GS                   | HBP         | 1.1/2      | 32.7 cm3     | 380-420V 50Hz / 440-480V 60 Hz 3 ph | 22 A   | F            | C/TEV            | POE 22       | 750 cm3       | CT              | 8 mm           | 12,8mm               | 21.7        | 277         | 3091             |                   |
| 208850      | NJ9238GS                   | HBP         | 1.1/2      | 32.7 cm3     | 380-420V 50Hz / 440-480V 60 Hz 3 ph | 22 A   | F            | C/TEV            | POE 22       | 750 cm3       | RCT             | 8 mm           | thread 1" -14UN S-2A | 21.7        | 277         | 3365             |                   |
| 208924      | EMT6144GK                  | MBP         | 1/4        | 3.97 cm3     | 220-240V 50Hz 1                     | 7.7 A  | F            | C/TEV            | POE 22       | 180 cm3       | CT              | 4,9 mm         | 6,1 mm               | 7.8         | 166         | 458              |                   |
| 208926      | EMT6152GK                  | MBP         | 1/4        | 4.5 cm3      | 220-240V 50Hz 1                     | 8.5 A  | F            | C/TEV            | POE 22       | 180 cm3       | CT              | 4,9 mm         | 6,1 mm               | 7.8         | 166         | 511              |                   |
| 208928      | EMT6165GK                  | MBP         | 1/3        | 5.2 cm3      | 220-240V 50Hz 1                     | 10.4 A | F            | C/TEV            | POE 22       | 180 cm3       | CT              | 4,9 mm         | 6,1 mm               | 7.8         | 166         | 586              |                   |
| 208930      | NEK6181GK                  | MBP         | 1/3        | 7.28 cm3     | 220-240V 50Hz 1                     | 12 A   | F            | C/TEV            | POE 22       | 350 cm3       | CT              | 6,1 mm         | 8,2 mm               | 10.4        | 187         | 730              |                   |
| 208895      | NEU6210GK                  | MBP         | 1/3        | 7.28 cm3     | 220-240V 50Hz 1                     | 16 A   | F            | C/TEV            | POE 22       | 350 cm3       | CT              | 6,1 mm         | 8,2 mm               | 10          | 206         | 791              |                   |
| 208934      | NEK6213GK                  | MBP         | 1/2        | 12.12 cm3    | 220-240V 50Hz 1                     | 19.3 A | F            | C/TEV            | POE 22       | 350 cm3       | CT              | 6,1 mm         | 8,2 mm               | 11.6        | 206         | 1171             |                   |

| PART NUMBER | COMPRESSOR<br>MODEL NUMBER | APPLICATION | NOMINAL HP | DISPLACEMENT | POWER SUPPLY                              | LRA    | COOLING TYPE | EXPANSION DEVICE | OIL TYPE               | OIL CHARGE cc | CONNECTION TYPE | DISCHARGE SIZE | SUCTION SIZE         | WEIGHT (KG) | HEIGHT (MM) | CAPACITY HBP -5c | CAPACITY HBP -25c |
|-------------|----------------------------|-------------|------------|--------------|-------------------------------------------|--------|--------------|------------------|------------------------|---------------|-----------------|----------------|----------------------|-------------|-------------|------------------|-------------------|
| 208932      | NEK6210GK                  | MBP         | 1/2        | 8.78 cm3     | 220-240V 50Hz 1                           | 16.1 A | F            | C/TEV            | POE 22                 | 350 cm3       | CT              | 6,1 mm         | 8,2 mm               | 11          | 200         | 877              |                   |
| 208936      | NEK6217GK                  | MBP         | 3/4        | 14.3 cm3     | 220-240V 50Hz 1                           | 21.5 A | F            | C/TEV            | POE 22                 | 350 cm3       | CT              | 6,1 mm         | 8,2 mm               | 11.6        | 206         | 1411             |                   |
| NT6217GK    | NT6217GK                   | MBP         | 3/4        | 12.55 cm3    | 220-240V 50Hz /<br>230V 60Hz 1            | 25 A   | F            | C/TEV            | POE 22                 | 450 cm3       | CT              | 6,45 mm        | 9,6 mm               | 17          | 220         | 1198             |                   |
| 208940      | NT6220GK                   | MBP         | 3/4        | 14.5 cm3     | 220-240V 50Hz /<br>230V 60Hz 1            | 29.5 A | F            | C/TEV            | POE 22                 | 450 cm3       | CT              | 6,45 mm        | 9,6 mm               | 17          | 220         | 1342             |                   |
| 208942      | NT6222GK                   | MBP         | 3/4        | 17.4 cm3     | 220-240V 50Hz 1                           | 37 A   | F            | C/TEV            | POE 22                 | 450 cm3       | CT              | 6,45 mm        | 9,6 mm               | 17          | 220         | 1631             |                   |
| 208944      | NT6224GK                   | MBP         | 1/1        | 20.4 cm3     | 220-240V 50Hz 1                           | 29 A   | F            | C/TEV            | POE 22                 | 450 cm3       | CT              | 6,45 mm        | 9,6 mm               | 17.2        | 220         | 1933             |                   |
| 208880      | NT6226GK                   | MBP         | 1/1        | 22.4 cm3     | 220-240V 50Hz 1                           | 38 A   | F            | C/TEV            | POE 22                 | 450 cm3       | CT              | 6,45 mm        | 9,6 mm               | 17.5        | 234         | 2143             |                   |
| 208946      | EMT2117GK                  | LBP         | 1/4        | 4.5 cm3      | 220-240V 50Hz 1                           | 7.7 A  | F            | C/TEV            | POE 22                 | 180 cm3       | CT              | 4,9 mm         | 6,1mm                | 7.8         | 166         |                  | 210               |
| 208948      | EMT2121GK                  | LBP         | 1/3        | 5.2 cm3      | 220-240V 50Hz 1                           | 8.5 A  | F            | C/TEV            | POE 22                 | 180 cm3       | CT              | 4,9 mm         | 6,1mm                | 7.8         | 166         |                  | 258               |
| 208950      | EMT2125GK                  | LBP         | 1/3        | 5.96 cm3     | 220-240V 50Hz 1                           | 9.8 A  | F            | C/TEV            | POE 22                 | 180 cm3       | CT              | 4,9 mm         | 6,1mm                | 7.8         | 166         |                  | 301               |
| 208952      | NEK2134GK                  | LBP         | 1/2        | 8.78 cm3     | 220-240V 50Hz 1                           | 16.1 A | F            | C/TEV            | POE 22                 | 350 cm3       | CT              | 6,1 mm         | 8,2mm                | 11          | 200         |                  | 394               |
| 208954      | NEK2150GK                  | LBP         | 3/4        | 12.12 cm3    | 220-240V 50Hz 1                           | 19.5 A | F            | C/TEV            | POE 22                 | 350 cm3       | CT              | 6,1 mm         | 8,2mm                | 11.6        | 206         |                  | 522               |
| 208956      | NEK2168GK                  | LBP         | 3/4        | 14.3 cm3     | 220-240V 50Hz 1                           | 24 A   | F            | C/TEV            | POE 22                 | 350 cm3       | CT              | 6,1 mm         | 8,2mm                | 11.6        | 206         |                  | 587               |
| NEK2172GK   | NEK2172GK                  | LBP         | 3/4        | 16.8 cm3     | 220V 50Hz 1                               | 26 A   | F            | C/TEV            | POE 22                 | 350 cm3       | CT              | 6,1 mm         | 8,2mm                | 11.8        | 206         |                  | 711               |
| 208958      | NT2168GK                   | LBP         | 3/4        | 14.5 cm3     | 220-240V 50Hz /<br>230V 60Hz 1            | 25 A   | F            | C/TEV            | POE 22                 | 450 cm3       | CT              | 6,45 mm        | 9,6mm                | 17          | 220         |                  | 549               |
| NT2178GK    | NT2178GK                   | LBP         | 3/4        | 17.4 cm3     | 220-240V 50Hz 1                           | 25 A   | F            | C/TEV            | POE 22                 | 450 cm3       | CT              | 6,45 mm        | 9,6mm                | 17          | 220         |                  | 659               |
| 97787       | NEU2178GK                  | LBP         | 1          | 16.8 cm3     | 220-240V 50Hz 1                           | 21 A   | F            | C/TEV            | POE 22                 | 350 cm3       | CT              | 6,1 mm         | 8,2mm                | 11.6        | 206         |                  | 753               |
| 208962      | NT2180GK                   | LBP         | 1          | 20.4 cm3     | 220-240V 50Hz 1                           | 35 A   | F            | C/TEV            | POE 22                 | 450 cm3       | CT              | 6,45mm         | 9,6mm                | 17.4        | 234         |                  | 778               |
| 208964      | NT2192GK                   | LBP         | 1          | 22.4 cm3     | 220-240V 50Hz 1                           | 35 A   | F            | C/TEV            | POE 22                 | 450 cm3       | CT              | 6,45mm         | 9,6mm                | 17.5        | 234         |                  | 865               |
| 205870      | NJ2192GK                   | LBP         | 1.1/4      | 26.1 cm3     | 220-240V 50Hz 1                           | 26 A   | F            | C/TEV            | POE 22                 | 750 cm3       | CT              | 8 mm           | 9,6mm                | 20.7        | 265         |                  | 827               |
| 207268      | NJ2192GK                   | LBP         | 1.1/4      | 26.1 cm3     | 220-240V 50Hz 1                           | 26 A   | F            | C/TEV            | POE 22                 | 750 cm3       | RCT             | 8 mm           | thread 1" -14UN S-2A | 20.7        | 265         |                  | 827               |
| NJ2192GS-S  | NJ2192GS                   | LBP         | 1.1/4      | 26.1 cm3     | 380-420V 50Hz /<br>440-480V 60 Hz<br>3 ph | 15 A   | F            | C/TEV            | POE 22                 | 750 cm3       | RCT             | 8 mm           | thread 1" -14UN S-2A | 19.7        | 265         |                  | 968               |
| 207264      | NT2212GK                   | LBP         | 1.1/2      | 27.8 cm3     | 220-240V 50Hz 1                           | 33 A   | F            | C/TEV            | POE 22                 | 650 cm3       | CT              | 6,45 mm        | 9,6 mm               | 18.3        | 250         |                  | 1125              |
| NJ2212GK    | NJ2212GK                   | LBP         | 1.1/2      | 34.4 cm3     | 220-240V 50Hz 1                           | 36 A   | F            | C/TEV            | POE 22                 | 750 cm3       | CT              | 8 mm           | 12,8 mm              | 20.7        | 265         |                  | 1109              |
| NJ2212GS    | NJ2212GS                   | LBP         | 1.1/2      | 34.4 cm3     | 380-420V 50Hz /<br>440-480V 60 Hz<br>3 ph | 13 A   | F            | C/TEV            | POE 22                 | 750 cm3       | RCT             | 8 mm           | thread 1" -14UN S-2A | 20.4        | 277         |                  | 1228              |
| R600        |                            |             |            |              |                                           |        |              |                  |                        |               |                 |                |                      |             |             |                  |                   |
| 209009      | EMT45CDP                   | HBP         | 1/8        | 6.78 cm3     | 220-240V 50Hz 1                           | 5.8 A  | SC           | C                | ALQ-<br>UILB /<br>ISO5 | 180 cm3       | CT              | 4,94 mm        | 6,1 mm               | 7.7         | 166         | 195              |                   |
| 209000      | NEK6160Y                   | HBP         | 1/4        | 12.12 cm3    | 220-240V 50Hz 1                           | 12.4 A | -            | C/V              | ES-<br>TER /<br>ISO22  | 350 cm3       | CT              | 6,1 mm         | 8,1 mm               | 10.6        | 187         | 338              |                   |
| 208996      | EMT6144Y                   | MBP         | 1/5        | 9.05 cm3     | 220-240V 50Hz 1                           | A      | F            | C/TEV            | POE 22                 | 180 cm3       | CT              | 4,9 mm         | 6,1 mm               | 7.8         | 166         | 350              |                   |
| 209002      | NEK6170Y                   | MBP         | 1/4        | 14.3 cm3     | 220-240V 50Hz 1                           | A      | F            | C/TEV            | POE 22                 | 350 cm3       | CT              | 6,1 mm         | 8,2 mm               | 10.6        | 187         | 512              |                   |
| 208992      | EMT30CDP                   | L/MBP       | 1/12       | 4.5 cm3      | 220-240V 50Hz 1                           | 3.7 A  | SC           | C                | POE 22                 | 180 cm3       | CT              | 4,9 mm         | 6,1 mm               | 7.2         | 170         | 140              |                   |
| 208851      | EMX55CLC                   | LBP         | 5/32       | 9.05 cm3     | 220-240V 50Hz 1                           | A      | F            | C                | POE 22                 | 180 cm3       | CT              | 4,9 mm         | 6,1 mm               | 7.4         | 166         |                  | 136               |
| 209006      | EMX70CLC                   | LBP         | 1/5        | 11.15 cm3    | 220-240V 50Hz 1                           | A      | F            | C                | POE 22                 | 180 cm3       | CT              | 4,9 mm         | 6,1 mm               | 7.7         | 166         |                  | 164               |
| 209010      | EMX20CLC                   | LBP         | 1/14       | 3.97 cm3     | 220-240V 50Hz 1                           | 2 A    | SC           | C                | ALQ-<br>UILB /<br>ISO5 | 150 cm3       | CT              | 5,1 mm         | 6,1 mm               | 7.8         | 170         | 464              |                   |
| 209011      | EMX26CLC                   | LBP         | -          | 5.19 cm3     | 220-240V 50Hz 1                           | 2.4 A  | SC           | C                | ALQ-<br>UILB /<br>ISO5 | 180 cm3       | CT              | 4,94 mm        | 6,1 mm               | 7.51        | CALL        |                  | CALL              |

| PART NUMBER | COMPRESSOR MODEL NUMBER | APPLICATION | NOMINAL HP | DISPLACEMENT         | POWER SUPPLY    | LRA    | COOLING TYPE | EXPANSION DEVICE | OIL TYPE        | OIL CHARGE cc       | CONNECTION TYPE | DISCHARGE SIZE | SUCTION SIZE | WEIGHT (KG) | HEIGHT (MM) | CAPACITY HBP -5c | CAPACITY HBP -25c |
|-------------|-------------------------|-------------|------------|----------------------|-----------------|--------|--------------|------------------|-----------------|---------------------|-----------------|----------------|--------------|-------------|-------------|------------------|-------------------|
| 208955      | EMX32CLC                | LBP         | 1/10       | 5.96 cm <sup>3</sup> | 220-240V 50Hz 1 | -      | SC           | C                | ALQ-UILB / ISO5 | 180 cm <sup>3</sup> | CT              | 4,9 mm         | 6,1 mm       | 7.5         | 156         |                  | 86                |
| 208989      | EMC40CLT                | LBP         | 1/8        | 7.23 cm <sup>3</sup> | 220-240V 50Hz 1 | 3.43 A | SC           | C                | ALQ-UILB / ISO5 | 150 cm <sup>3</sup> | CT              | 4,9 mm         | 6,1 mm       | 7.7         | 171         |                  | 118               |
| 208911      | EMC46CLT                | LBP         | 1/7        | 7.96 cm <sup>3</sup> | 220-240V 50Hz 1 | 4.15 A | SC           | C                | ALQ-UILB / ISO5 | 150 cm <sup>3</sup> | CT              | 4,9mm          | 6,1 mm       | 7.6         | 166         |                  | 129               |

**Expansion Device:**

C = Capillary

TEV = Expansion Device

C/TEV = Capillary or Expansion Device

**Connection Types:**

CT = All Copper Tubes

RCT = Rotolock Suction Valve, Rest Copper Tubes

R = Rotolock/Valve Only

**Cooling Type**

F = Fan

SC = Suction Cooled

ST = Static Cooling

# Compressor Models



EMT



NEK / NEU / NE



NEK / NEU



NJ



NT



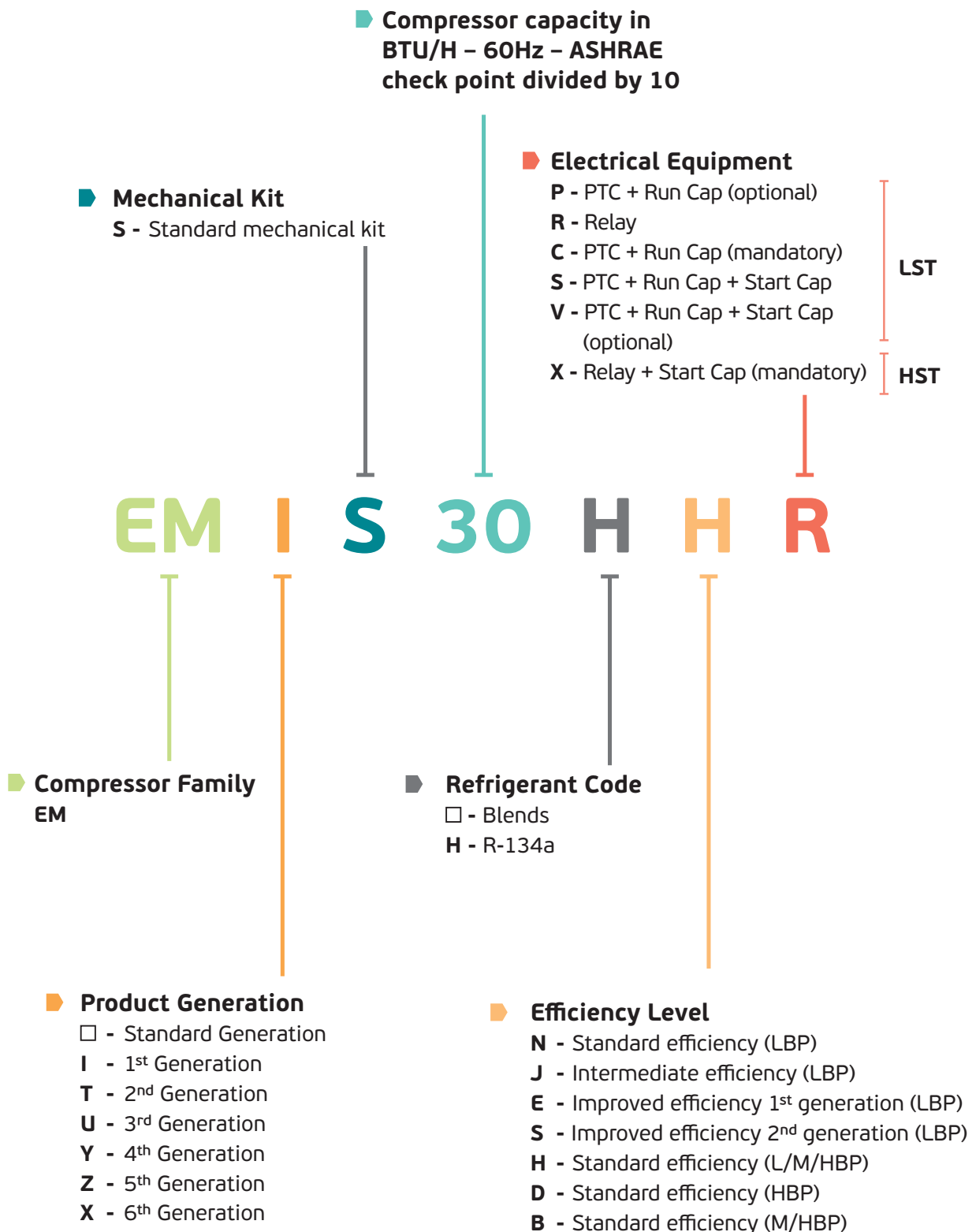
**If you can't find the exact model you need please contact your local branch. Details on reverse.**

# embraco

# Compressor Model Nomenclature

## NOMENCLATURE

EM



# Identification Labels and Approvals

## IDENTIFICATION LABEL



- 1 - Compressor model
- 2 - Supply voltage
- 3 - Bill of materials code
- 4 - Serial number
- 5 - Agency approval marks
- 6 - Date code or production date
- 7 - Oil type and quantity
- 8 - Refrigerant type
- 9 - Current consumption (Rated Load Amperage, when applicable)
- 10 - Locked Rotor Amperage (when applicable)

embraco



®

*Tecumseh*





## Tecumseh Reciprocating Compressors

Innovative, durable and highly efficient products are at the heart of Tecumseh. Their products touch the lives of millions every day, driving the company as a leading global manufacturer of hermetic compressors and condensing units for residential, commercial refrigeration and air conditioning applications.

# Tecumseh Compressors



| PART NUMBER | COMPRESSOR MODEL NUMBER | APPLICATION | NOMINAL HP | DISPLACEMENT | POWER SUPPLY    | LRA  | COOLING TYPE | EXPANSION DEVICE | OIL TYPE | CONNECTION TYPE | OIL CHARGE cc | DISCHARGE SIZE | SUCTION SIZE | WEIGHT (KG) | HEIGHT (MM) | CAPACITY HBP -5c | CAPACITY LBP -25c |
|-------------|-------------------------|-------------|------------|--------------|-----------------|------|--------------|------------------|----------|-----------------|---------------|----------------|--------------|-------------|-------------|------------------|-------------------|
| R-134a      |                         |             |            |              |                 |      |              |                  |          |                 |               |                |              |             |             |                  |                   |
| THB4415YFZ  | THB4415Y                | HBP         | 1/8        | 4            | 220-240V ~ 50Hz | 7    | ST           | C/TEV            | POE      | CT              | 250           | 4.76 (3/16")   | 6.35 (1/4")  | 7.7         | 169         | 243              |                   |
| THB4419YFZ  | THB4419Y                | HBP         | 1/6        | 5            | 220-240V ~ 50Hz | 8.5  | ST           | C/TEV            | POE      | CT              | 250           | 4.76 (3/16")   | 6.35 (1/4")  | 7.8         | 172         | 284              |                   |
| AE4425Y     | AE4425Y                 | HBP         | 1/5        | 6.69         | 220-240V ~ 50Hz | 9.4  | F            | C/TEV            | POE      | CT              | 280           | 4.76 (3/16")   | 6.35 (1/4")  | 9.2         | 199         | 397              |                   |
| AE4430Y     | AE4430Y                 | HBP         | 1/4        | 8.02         | 220-240V ~ 50Hz | 12.5 | F            | C/TEV            | POE      | CT              | 280           | 4.76 (3/16")   | 6.35 (1/4")  | 9.7         | 199         | 510              |                   |
| AE4440Y     | AE4440Y                 | HBP         | 1/3        | 10.33        | 220-240V ~ 50Hz | 13.2 | F            | C/TEV            | POE      | CT              | 280           | 6.35 (1/4")    | 7.9 (5/16")  | 9.8         | 199         | 666              |                   |
| AE4450Y     | AE4450Y                 | HBP         | 1/2        | 13.24        | 220-240V ~ 50Hz | 17   | F            | C/TEV            | POE      | CT              | 280           | 6.35 (1/4")    | 9.5 (3/8")   | 11.7        | 210         | 881              |                   |
| AE4456Y     | AE4456Y                 | HBP         | 1/2        | 14.51        | 220-240V ~ 50Hz | 17   | F            | C/TEV            | POE      | CT              | 280           | 6.35 (1/4")    | 9.5 (3/8")   | 11.5        | 210         | 962              |                   |
| AE4460Y     | AE4460Y                 | HBP         | 1/2        | 15.09        | 220-240V ~ 50Hz | 20.7 | F            | C/TEV            | POE      | CT              | 380           | 6.35 (1/4")    | 9.5 (3/8")   | 12.2        | 210         | 1001             |                   |
| CAJ4452Y2   | CAJ4452Y                | HBP         | 1/2        | 15.2         | 220-240V ~ 50Hz | 19.4 | F            | C/TEV            | POE      | R               | 475           | 6.35 (1/4")    | 12.7 (1/2")  | 18.5        | 268         | 835              |                   |
| CAJ4461Y2   | CAJ4461Y                | HBP         | 1/2        | 18.3         | 220-240V ~ 50Hz | 19.4 | F            | C/TEV            | POE      | R               | 475           | 6.35 (1/4")    | 12.7 (1/2")  | 18.8        | 268         | 1021             |                   |
| CAJ4461Y2T  | CAJ4461Y                | HBP         | 1/2        | 18.3         | 220-240V ~ 50Hz | 19.4 | F            | C/TEV            | POE      | CT              | 475           | 6.35 (1/4")    | 12.7 (1/2")  | 18.6        | 268         | 1021             |                   |
| CAJ4476Y2   | CAJ4476Y                | HBP         | 3/4        | 21.75        | 220-240V ~ 50Hz | 22.4 | F            | C/TEV            | POE      | R               | 475           | 6.35 (1/4")    | 12.7 (1/2")  | 18.8        | 280         | 1215             |                   |
| CAJ4492Y2   | CAJ4492Y                | HBP         | 3/4        | 25.95        | 220-240V ~ 50Hz | 28   | F            | C/TEV            | POE      | R               | 475           | 7.9 (5/16")    | 12.7 (1/2")  | 20.2        | 280         | 1517             |                   |
| CAJ4492Y2T  | CAJ4492Y                | HBP         | 3/4        | 25.95        | 220-240V ~ 50Hz | 28   | F            | C/TEV            | POE      | CT              | 475           | 7.9 (5/16")    | 12.7 (1/2")  | 20          | 280         | 1517             |                   |
| CAJ4511Y2   | CAJ4511Y                | HBP         | 1          | 32.7         | 220-240V ~ 50Hz | 29.5 | F            | C/TEV            | POE      | R               | 475           | 7.9 (5/16")    | 15.9 (5/8")  | 21          | 280         | 1999             |                   |
| CAJ4511Y2T  | CAJ4511Y                | HBP         | 1          | 32.7         | 220-240V ~ 50Hz | 29.5 | F            | C/TEV            | POE      | CT              | 475           | 7.9 (5/16")    | 15.9 (5/8")  | 21          | 280         | 1999             |                   |
| FH4518Y     | FH4518Y                 | HBP         | 1 1/2      | 53.2         | 220-240V ~ 50Hz | 46   | F            | C/TEV            | POE      | R               | 1330          | 12.7 (1/2")    | 15.9 (5/8")  | 32.7        | 330         | 2799             |                   |
| FH4525Y     | FH4525Y                 | HBP         | 2          | 74.25        | 220-240V ~ 50Hz | 55   | F            | C/TEV            | POE      | R               | 1330          | 12.7 (1/2")    | 15.9 (5/8")  | 34.4        | 354         | 4155             |                   |
| TAJ4452Y2   | TAJ4452Y                | HBP         | 1/2        | 15.2         | 400V 3~ 50Hz    | 9.8  | F            | C/TEV            | POE      | R               | 475           | 6.35 (1/4")    | 12.7 (1/2")  | 18.5        | 268         | 897              |                   |
| TAJ4461Y2   | TAJ4461Y                | HBP         | 1/2        | 18.3         | 400V 3~ 50Hz    | 9.8  | F            | C/TEV            | POE      | CT              | 475           | 6.35 (1/4")    | 12.7 (1/2")  | 17.3        | 268         | 1067             |                   |
| TAJ4492Y2   | TAJ4492Y                | HBP         | 3/4        | 25.95        | 400V 3~ 50Hz    | 12.8 | F            | C/TEV            | POE      | R               | 475           | 7.9 (5/16")    | 12.7 (1/2")  | 19.2        | 280         | 1533             |                   |
| TAJ4511Y2   | TAJ4511Y                | HBP         | 1          | 32.7         | 400V 3~ 50Hz    | 17.3 | F            | C/TEV            | POE      | R               | 475           | 7.9 (5/16")    | 15.9 (5/8")  | 19.7        | 280         | 1980             |                   |
| TAJ4511Y2T  | TAJ4511Y                | HBP         | 1          | 32.7         | 400V 3~ 50Hz    | 17.3 | F            | C/TEV            | POE      | CT              | 475           | 7.9 (5/16")    | 15.9 (5/8")  | 19.4        | 280         | 1980             |                   |
| TFH4518Y    | TFH4518Y                | HBP         | 1 1/2      | 53.2         | 400V 3~ 50Hz    | 25   | F            | C/TEV            | POE      | R               | 1330          | 12.7 (1/2")    | 15.9 (5/8")  | 30.7        | 330         | 2818             |                   |
| TFH4525Y    | TFH4525Y                | HBP         | 2          | 74.25        | 400V 3~ 50Hz    | 25   | F            | C/TEV            | POE      | R               | 1330          | 12.7 (1/2")    | 15.9 (5/8")  | 31.0        | 354         | 4000             |                   |
| TAG4528Y    | TAG4528Y                | HBP         | 2          | 90.2         | 400V 3~ 50Hz    | 42.5 | F            | C/TEV            | POE      | R               | 1760          | 15.9 (5/8")    | 22.2 (7/8")  | 43.0        | 368         | 3971             |                   |
| CX2668      | TAG4534Y                | HBP         | 3          | 100.7        | 400V 3~ 50Hz    | 42.5 | F            | C/TEV            | POE      | R               | 1760          | 15.9 (5/8")    | 22.2 (7/8")  | 43.7        | 368         | 5027             |                   |
| TAG4537Y    | TAG4537Y                | HBP         | 3          | 112.5        | 400V 3~ 50Hz    | 42.5 | F            | C/TEV            | POE      | R               | 1760          | 15.9 (5/8")    | 22.2 (7/8")  | 43.3        | 368         | 5737             |                   |
| TAG4543Y    | TAG4543Y                | HBP         | 3 1/2      | 124.4        | 400V 3~ 50Hz    | 42.5 | F            | C/TEV            | POE      | R               | 1760          | 15.9 (5/8")    | 22.2 (7/8")  | 43.8        | 368         | 6003             |                   |
| THG1335 YKS | THG1335YS               | LBP         | 1/10       | 3.58         | 220-240V ~ 50Hz | #N/A | ST           | C                | POE      | CT              | 240           | 4.76 (3/16")   | 6.35 (1/4")  | 7.4         | 177         |                  | 72                |
| THG1340 YKS | THG1340Y                | LBP         | 1/8        | 4.23         | 220-240V ~ 50Hz | #N/A | ST           | C                | POE      | CT              | 240           | 4.76 (3/16")   | 6.35 (1/4")  | 7.5         | 178         |                  | 83                |
| THG1352 YKS | THG1352Y                | LBP         | 1/6        | 5.6          | 220-240V ~ 50Hz | #N/A | ST           | C                | POE      | CT              | 240           | 4.76 (3/16")   | 6.35 (1/4")  | 7.5         | 178         |                  | 113               |
| THG1365YS   | THG1365YS               | LBP         | 1/5        | 5.9          | 220-240V ~ 50Hz | 10.5 | ST           | C                | POE      | CT              | 240           | 4.76 (3/16")   | 6.35 (1/4")  | 7.7         | 178         |                  | 135               |
| AE1390Y     | AE1390Y                 | LBP         | 1/5        | 8.02         | 220-240V ~ 50Hz | 15   | F            | C                | POE      | CT              | 280           | 4.76 (3/16")   | 6.35 (1/4")  | 9.7         | 200         |                  | 173               |
| AE2410Y2    | AE2410Y                 | LBP         | 1/4        | 9.39         | 220-240V ~ 50Hz | 9    | F            | C/TEV            | POE      | CT              | 280           | 4.76 (3/16")   | 6.35 (1/4")  | 9.9         | 200         |                  | 196               |
| AE2413Y     | AE2413Y                 | LBP         | 1/4        | 12.01        | 220-240V ~ 50Hz | 12   | F            | C/TEV            | POE      | CT              | 280           | 4.76 (3/16")   | 6.35 (1/4")  | 10.9        | 210         |                  | 246               |
| AE2415Y     | AE2415Y                 | LBP         | 1/3        | 12.48        | 220-240V ~ 50Hz | 15   | F            | C/TEV            | POE      | CT              | 280           | 4.76 (3/16")   | 6.35 (1/4")  | 11.6        | 210         |                  | 285               |
| R-22/R-407C |                         |             |            |              |                 |      |              |                  |          |                 |               |                |              |             |             |                  |                   |
| RK5512W     | RK5512W                 | AC          | 1          | 16.3         | 220-240V ~ 50Hz | 23   | F            | C                | PVE      | CT              | 414           | 7.9 (5/16")    | 12.7 (1/2")  | 12.6        | call        | 1857             |                   |
| RK5513W     | RK5513W                 | AC          | 1          | 18.1         | 220-240V ~ 50Hz | 24   | F            | C                | PVE      | CT              | 414           | 7.9 (5/16")    | 12.7 (1/2")  | 12.1        | call        | 2069             |                   |
| RK5515W     | RK5515W                 | AC          | 1 1/4      | 21.4         | 220-240V ~ 50Hz | 28   | F            | C                | PVE      | CT              | 414           | 7.9 (5/16")    | 15.9 (5/8")  | 11.7        | call        | 2521             |                   |
| RK5518W     | RK5518W                 | AC          | 1 1/2      | 24.4         | 220-240V ~ 50Hz | 32   | F            | C                | PVE      | CT              | 414           | 7.9 (5/16")    | 15.9 (5/8")  | 14.0        | call        | 2893             |                   |

| PART NUMBER | COMPRESSOR<br>MODEL NUMBER | APPLICATION | NOMINAL HP | DISPLACEMENT | POWER SUPPLY    | LRA  | COOLING TYPE | EXPANSION DEVICE | OIL TYPE | CONNECTION TYPE | OIL CHARGE cc | DISCHARGE SIZE  | SUCTION SIZE     | WEIGHT (KG) | HEIGHT (MM) | CAPACITY HBP -5c | CAPACITY LBP -25c |
|-------------|----------------------------|-------------|------------|--------------|-----------------|------|--------------|------------------|----------|-----------------|---------------|-----------------|------------------|-------------|-------------|------------------|-------------------|
| R-404A      |                            |             |            |              |                 |      |              |                  |          |                 |               |                 |                  |             |             |                  |                   |
| AE4425Z     | AE4425Z                    | HBP         | 1/5        | 4.24         | 220-240V ~ 50Hz | 10.6 | F            | C/TEV            | POE      | CT              | 280           | 4.76<br>(3/16") | 6.35 (1/4")      | 9.9         | 200         | 434              |                   |
| AE4430Z     | AE4430Z                    | HBP         | 1/4        | 5.16         | 220-240V ~ 50Hz | 11.4 | F            | C/TEV            | POE      | CT              | 280           | 4.76<br>(3/16") | 6.35 (1/4")      | 10.2        | 200         | 533              |                   |
| AE4440Z     | AE4440Z                    | HBP         | 1/3        | 6.69         | 220-240V ~ 50Hz | 15.5 | F            | C/TEV            | POE      | CT              | 280           | 6.35 (1/4")     | 9.5 (3/8")       | 10.5        | 210         | 720              |                   |
| AE4450Z     | AE4450Z                    | HBP         | 3/7        | 8.85         | 220-240V ~ 50Hz | 18   | F            | C/TEV            | POE      | CT              | 280           | 4.76<br>(3/16") | 6.35 (1/4")      | 10.8        | 210         | 944              |                   |
| AE4460Z     | AE4460Z                    | HBP         | 1/2        | 10.33        | 220-240V ~ 50Hz | 19.4 | F            | C/TEV            | POE      | CT              | 280           | 6.35 (1/4")     | 9.5 (3/8")       | 11.6        | 210         | 1131             |                   |
| AE4470Z     | AE4470Z                    | HBP         | 1/2        | 12.01        | 220-240V ~ 50Hz | 19.3 | F            | C/TEV            | POE      | CT              | 380           | 6.35 (1/4")     | 9.5 (3/8")       | 12.2        | 210         | 1333             |                   |
| HGA4467Z    | HGA4467Z                   | HBP         | 1/2        | 9.52         | 220-240V ~ 50Hz | 16.5 | F            | C/TEV            | POE      | CT              | 1330          | 7.9 (5/16")     | 9.5 (3/8")       | 12.5        | 266         | 1173             |                   |
| HGA4512Z    | HGA4512Z                   | HBP         | 1          | 16.12        | 220-240V ~ 50Hz | 18.6 | F            | C/TEV            | POE      | CT              | 1330          | 7.9 (5/16")     | 12.7 (1/2")      | 13.3        | 282         | 1991             |                   |
| CAJ45172Z   | CAJ4517Z                   | HBP         | 1 1/2      | 25.95        | 220-240V ~ 50Hz | 38.5 | F            | C/TEV            | POE      | R               | 475           | 9.5 (3/8")      | 15.9 (5/8")      | 22.1        | 280         | 2720             |                   |
| CAJ45172T   | CAJ4517Z                   | HBP         | 1 1/2      | 25.95        | 220-240V ~ 50Hz | 38.5 | F            | C/TEV            | POE      | CT              | 475           | 9.5 (3/8")      | 15.9 (5/8")      | 21.9        | 280         | 2720             |                   |
| CAJ45192Z   | CAJ4519Z                   | HBP         | 1 1/2      | 34.45        | 220-240V ~ 50Hz | 45   | F            | C/TEV            | POE      | R               | 475           | 9.5 (3/8")      | 15.9 (5/8")      | 22.2        | 280         | 3562             |                   |
| CAJ45192T   | CAJ4519Z                   | HBP         | 1 1/2      | 34.45        | 220-240V ~ 50Hz | 45   | F            | C/TEV            | POE      | CT              | 475           | 9.5 (3/8")      | 15.9 (5/8")      | 21.8        | 280         | 3562             |                   |
| TAJ45172Z   | TAJ4517Z                   | HBP         | 1 1/2      | 25.95        | 400V 3~ 50Hz    | 18   | F            | C/TEV            | POE      | R               | 475           | 9.5 (3/8")      | 15.9 (5/8")      | 19.9        | 280         | 2735             |                   |
| TAJ45192Z   | TAJ4519Z                   | HBP         | 1 1/2      | 34.45        | 400V 3~ 50Hz    | 23   | F            | C/TEV            | POE      | R               | 475           | 9.5 (3/8")      | 15.9 (5/8")      | 21          | 280         | 3492             |                   |
| CX2770      | TFH4531Z                   | HBP         | 2 1/2      | 56.65        | 400V 3~ 50Hz    | 32   | F            | C/TEV            | POE      | R               | 1760          | 12.7 (1/2")     | 22.2 (7/8")      | 31.6        | 370         | 5320             |                   |
| FH4522Z     | FH4522Z                    | HBP         | 2          | 39.95        | 220-240V ~ 50Hz | 46.5 | F            | C/TEV            | POE      | R               | 1330          | 12.7 (1/2")     | 15.9 (5/8")      | 32.5        | 354         | 3627             |                   |
| FH4524Z     | FH4524Z                    | HBP         | 2          | 43.5         | 220-240V ~ 50Hz | 49   | F            | C/TEV            | POE      | R               | 1330          | 12.7 (1/2")     | 15.9 (5/8")      | 34.6        | 354         | 4127             |                   |
| FH4531Z     | FH4531Z                    | HBP         | 2 1/2      | 56.65        | 220-240V ~ 50Hz | 66   | F            | C/TEV            | POE      | R               | 1330          | 12.7 (1/2")     | 22.2 (7/8")      | 36.4        | 370         | 5457             |                   |
| FH4540Z     | FH4540Z                    | HBP         | 3 1/2      | 74.25        | 220-240V ~ 50Hz | 89   | F            | C/TEV            | POE      | R               | 1330          | 12.7 (1/2")     | 22.2 (7/8")      | 36.8        | 370         | 6731             |                   |
| TFH4522Z    | TFH4522Z                   | HBP         | 2          | 39.95        | 400V 3~ 50Hz    | 25   | F            | C/TEV            | POE      | R               | 1330          | 12.7 (1/2")     | 15.9 (5/8")      | 30.5        | 354         | 3603             |                   |
| TFH4524Z    | TFH4524Z                   | HBP         | 2          | 43.5         | 400V 3~ 50Hz    | 25   | F            | C/TEV            | POE      | R               | 1330          | 12.7 (1/2")     | 15.9 (5/8")      | 30.3        | 354         | 4146             |                   |
| TFH4540Z    | TFH4540Z                   | HBP         | 3 1/2      | 74.25        | 400V 3~ 50Hz    | 46   | F            | C/TEV            | POE      | R               | 1330          | 12.7 (1/2")     | 22.2 (7/8")      | 32.7        | 370         | 6861             |                   |
| TAG4546Z    | TAG4546Z                   | HBP         | 4          | 90.2         | 400V 3~ 50Hz    | 42.5 | F            | C/TEV            | POE      | R               | 1760          | 15.9 (5/8")     | 22.2 (7/8")      | 43.1        | 368         | 7591             |                   |
| TAG4553Z    | TAG4553Z                   | HBP         | 4 1/2      | 100.7        | 400V 3~ 50Hz    | 45   | F            | C/TEV            | POE      | R               | 1760          | 15.9 (5/8")     | 22.2 (7/8")      | 45.4        | 381         | 8594             |                   |
| TAG4561Z    | TAG4561Z                   | HBP         | 5          | 112.5        | 400V 3~ 50Hz    | 51.5 | F            | C/TEV            | POE      | R               | 1760          | 15.9 (5/8")     | 28.6<br>(1 1/8") | 45.6        | 381         | 9681             |                   |
| TAG4568Z    | TAG4568Z                   | HBP         | 5 1/2      | 124.4        | 400V 3~ 50Hz    | 58   | F            | C/TEV            | POE      | R               | 1760          | 15.9 (5/8")     | 28.6<br>(1 1/8") | 47          | 393         | 11407            |                   |
| TAG4573Z    | TAG4573Z                   | HBP         | 6          | 135          | 400V 3~ 50Hz    | 61   | F            | C/TEV            | POE      | R               | 1760          | 15.9 (5/8")     | 28.6<br>(1 1/8") | 48.5        | 393         | 12267            |                   |
| CAJ9480Z2   | CAJ9480Z                   | M/HBP       | 1          | 15.2         | 220-240V ~ 50Hz | 24.1 | F            | C/TEV            | POE      | R               | 475           | 7.9 (5/16")     | 12.7 (1/2")      | 20          | 268         | 1529             |                   |
| CAJ9480Z2T  | CAJ9480Z                   | M/HBP       | 1          | 15.2         | 220-240V ~ 50Hz | 24.1 | F            | C/TEV            | POE      | CT              | 475           | 7.9 (5/16")     | 12.7 (1/2")      | 19.7        | 268         | 1529             |                   |
| CAJ9510Z2   | CAJ9510Z                   | M/HBP       | 1 1/4      | 18.3         | 220-240V ~ 50Hz | 29.5 | F            | C/TEV            | POE      | R               | 475           | 7.9 (5/16")     | 15.9 (5/8")      | 21.5        | 280         | 1912             |                   |
| CAJ9510Z2T  | CAJ9510Z                   | M/HBP       | 1 1/4      | 18.3         | 220-240V ~ 50Hz | 29.5 | F            | C/TEV            | POE      | CT              | 475           | 7.9 (5/16")     | 15.9 (5/8")      | 21.5        | 280         | 1912             |                   |
| CAJ9513Z2   | CAJ9513Z                   | M/HBP       | 1 3/4      | 24.2         | 220-240V ~ 50Hz | 33.1 | F            | C/TEV            | POE      | R               | 475           | 7.9 (5/16")     | 15.9 (5/8")      | 21.4        | 280         | 2441             |                   |
| CAJ9513Z2T  | CAJ9513Z                   | M/HBP       | 1 3/4      | 24.2         | 220-240V ~ 50Hz | 33.5 | F            | C/TEV            | POE      | CT              | 475           | 7.9 (5/16")     | 15.9 (5/8")      | 21.1        | 280         | 2441             |                   |
| TAJ9480Z2   | TAJ9480Z                   | M/HBP       | 1          | 15.2         | 400V 3~ 50Hz    | 13   | F            | C/TEV            | POE      | R               | 475           | 7.9 (5/16")     | 12.7 (1/2")      | 19.3        | 268         | 1560             |                   |
| TAJ9510Z2   | TAJ9510Z                   | M/HBP       | 1 1/4      | 18.3         | 400V 3~ 50Hz    | 14.5 | F            | C/TEV            | POE      | R               | 475           | 7.9 (5/16")     | 15.9 (5/8")      | 19.5        | 280         | 1915             |                   |
| TAJ9513Z2   | TAJ9513Z                   | M/HBP       | 1 3/4      | 24.2         | 400V 3~ 50Hz    | 14.5 | F            | C/TEV            | POE      | R               | 475           | 7.9 (5/16")     | 15.9 (5/8")      | 20.5        | 280         | 2347             |                   |
| AE2415Z     | AE2415Z                    | LBP         | 1/3        | 7.33         | 220-240V ~ 50Hz | 13.7 | F            | C/TEV            | POE      | CT              | 280           | 4.76<br>(3/16") | 6.35 (1/4")      | 10.9        | 210         |                  | 265               |
| AE2420Z     | AE2420Z                    | LBP         | 1/2        | 9.35         | 220-240V ~ 50Hz | 16.4 | F            | C/TEV            | POE      | CT              | 380           | 6.35 (1/4")     | 9.5 (3/8")       | 11.5        | 210         |                  | 339               |
| AE2425Z     | AE2425                     | LBP         | 1/2        | 12.01        | 220-240V ~ 50Hz | 18.4 | F            | C/TEV            | POE      | CT              | 380           | 6.35 (1/4")     | 9.5 (3/8")       | 11.7        | 210         |                  | 449               |
| CAJ2428Z2   | CAJ2428Z                   | LBP         | 3/4        | 15.2         | 220-240V ~ 50Hz | 22   | F            | C/TEV            | POE      | R               | 475           | 6.35 (1/4")     | 12.7 (1/2")      | 19.6        | 268         |                  | 474               |
| CAJ2428Z2T  | CAJ2428Z                   | LBP         | 3/4        | 15.2         | 220-240V ~ 50Hz | 22   | F            | C/TEV            | POE      | CT              | 475           | 6.35 (1/4")     | 12.7 (1/2")      | 19.3        | 268         |                  | 474               |
| CAJ2432Z2   | CAJ2432Z                   | LBP         | 3/4        | 18.3         | 220-240V ~ 50Hz | 20.8 | F            | C/TEV            | POE      | R               | 475           | 7.9 (5/16")     | 12.7 (1/2")      | 19.8        | 268         |                  | 605               |
| CAJ2432Z2T  | CAJ2432Z                   | LBP         | 3/4        | 18.3         | 220-240V ~ 50Hz | 20.8 | F            | C/TEV            | POE      | CT              | 475           | 7.9 (5/16")     | 12.7 (1/2")      | 19.8        | 268         |                  | 605               |
| TAJ2428Z2   | TAJ2428Z                   | LBP         | 3/4        | 15.2         | 400V 3~ 50Hz    | 9.8  | F            | C/TEV            | POE      | R               | 475           | 6.35 (1/4")     | 12.7 (1/2")      | 18.7        | 268         |                  | 473               |
| FH2511Z     | FH2511Z                    | LBP         | 1          | 74.25        | 220-240V ~ 50Hz | 83   | F            | C/TEV            | POE      | R               | 1330          | 12.7 (1/2")     | 15.9 (5/8")      | 37.2        | 370         |                  | 2360              |
| TAJ2446Z2   | TAJ2446Z                   | LBP         | 1 1/4      | 26.15        | 400V 3~ 50Hz    | 13.2 | F            | C/TEV            | POE      | R               | 475           | 7.9 (5/16")     | 12.7 (1/2")      | 21.3        | 280         |                  | 884               |
| TAJ2464Z2   | TAJ2464Z                   | LBP         | 1 1/2      | 34.45        | 400V 3~ 50Hz    | 16.3 | F            | C/TEV            | POE      | R               | 475           | 9.5 (3/8")      | 15.9 (5/8")      | 21.4        | 280         |                  | 1189              |
| CAJ2446Z2   | CAJ2446Z                   | LBP         | 1 1/4      | 26.15        | 220-240V ~ 50Hz | 29.5 | F            | C/TEV            | POE      | R               | 475           | 7.9 (5/16")     | 12.7 (1/2")      | 21.7        | 280         |                  | 925               |
| CAJ2446Z2T  | CAJ2446Z                   | LBP         | 1 1/4      | 26.15        | 220-240V ~ 50Hz | 29.5 | F            | C/TEV            | POE      | CT              | 475           | 7.9 (5/16")     | 12.7 (1/2")      | 21.5        | 280         |                  | 925               |

| PART NUMBER   | COMPRESSOR MODEL NUMBER | APPLICATION | NOMINAL HP | DISPLACEMENT | POWER SUPPLY    | LRA  | COOLING TYPE | EXPANSION DEVICE | OIL TYPE | CONNECTION TYPE | OIL CHARGE cc | DISCHARGE SIZE | SUCTION SIZE | WEIGHT (KG) | HEIGHT (MM) | CAPACITY HBP -5c | CAPACITY LBP -25c |
|---------------|-------------------------|-------------|------------|--------------|-----------------|------|--------------|------------------|----------|-----------------|---------------|----------------|--------------|-------------|-------------|------------------|-------------------|
| CAJ2464Z2     | CAJ2464Z                | LBP         | 1 1/2      | 34.45        | 220-240V ~ 50Hz | 40   | F            | C/TEV            | POE      | R               | 475           | 9.5 (3/8")     | 15.9 (5/8")  | 22.1        | 280         |                  | 1199              |
| CAJ2464Z2T    | CAJ2464Z                | LBP         | 1 1/2      | 34.45        | 220-240V ~ 50Hz | 40   | F            | C/TEV            | POE      | CT              | 475           | 9.5 (3/8")     | 15.9 (5/8")  | 21.8        | 280         |                  | 1199              |
| CX2689        | TFH2480Z                | LBP         | 2          | 53.2         | 400V 3~ 50Hz    | 25   | F            | C/TEV            | POE      | R               | 1760          | 12.7 (1/2")    | 15.9 (5/8")  | 32.5        | 354         |                  | 1716              |
| FH2480Z       | FH2480Z                 | LBP         | 2          | 53.2         | 220-240V ~ 50Hz | 68   | F            | C/TEV            | POE      | R               | 1330          | 12.7 (1/2")    | 15.9 (5/8")  | 37.2        | 354         |                  | 1760              |
| TFH2511Z      | TFH2511Z                | LBP         | 3          | 74.25        | 400V 3~ 50Hz    | 32   | F            | C/TEV            | POE      | R               | 1330          | 12.7 (1/2")    | 15.9 (5/8")  | 32.8        | 370         |                  | 2327              |
| TAG2516Z      | TAG2516Z                | LBP         | 4          | 112.5        | 400V 3~ 50Hz    | 42.5 | F            | C/TEV            | POE      | R               | 1760          | 15.9 (5/8")    | 22.2 (7/8")  | 43.0        | 368         |                  | 3166              |
| TAG2522Z      | TAG2522Z                | LBP         | 5 1/2      | 135          | 400V 3~ 50Hz    | 63   | F            | C/TEV            | POE      | R               | 1760          | 15.9 (5/8")    | 28.6 (1"1/8) | 46.4        | 393         |                  | 4150              |
| <b>R-407C</b> |                         |             |            |              |                 |      |              |                  |          |                 |               |                |              |             |             |                  |                   |
| RK5480C       | RK5480C                 | AC          | 3/4        | 11.4         | 220-240V ~ 50Hz | 15   | F            | C                | PVE      | CT              | 414           | 7.9 (5/16")    | 12.7 (1/2")  | 11.8        | RO-TARY     | 1311             |                   |
| RK5490C       | RK5490C                 | AC          | 3/4        | 12.9         | 220-240V ~ 50Hz | 19   | F            | C                | PVE      | CT              | 414           | 7.9 (5/16")    | 12.7 (1/2")  | 11.8        | RO-TARY     | 1383             |                   |
| AJ5510C2      | AJ5510C                 | AC          | 1          | 18.6         | 220-240V ~ 50Hz | 23.5 | F            | C                | POE      | CT              | 475           | 6.35 (1/4")    | 9.5 (3/8")   | 17.8        | call        | 1073             |                   |
| AJ5512C2      | AJ5512C                 | AC          | 1          | 21.75        | 220-240V ~ 50Hz | 27.8 | F            | C                | POE      | CT              | 475           | 6.35 (1/4")    | 9.5 (3/8")   | 18.2        | call        | 1633             |                   |
| AJ5513C2      | AJ5513C                 | AC          | 1          | 24.2         | 220-240V ~ 50Hz | 32   | F            | C                | POE      | CT              | 475           | 6.35 (1/4")    | 9.5 (3/8")   | 19.8        | call        | 1879             |                   |
| AJ5515C2      | AJ5515C                 | AC          | 1 1/4      | 25.95        | 220-240V ~ 50Hz | 36   | F            | C                | POE      | CT              | 475           | 7.9 (5/16")    | 12.7 (1/2")  | 19.9        | call        | 2254             |                   |
| AJ5518C2      | AJ5518C                 | AC          | 1 1/2      | 32.7         | 220-240V ~ 50Hz | 49.7 | F            | C                | POE      | CT              | 475           | 7.9 (5/16")    | 12.7 (1/2")  | 20.6        | call        | 3010             |                   |
| AJ5519C2      | AJ5519C                 | AC          | 1 1/2      | 34.45        | 220-240V ~ 50Hz | 49.7 | F            | C                | POE      | CT              | 475           | 7.9 (5/16")    | 12.7 (1/2")  | 20.5        | call        | 3111             |                   |
| TAJ5515C2     | TAJ5515C                | AC          | 1 1/4      | 25.95        | 400V 3~ 50Hz    | 18   | F            | C/TEV            | POE      | CT              | 475           | 7.9 (5/16")    | 12.7 (1/2")  | 19.6        | call        | 2254             |                   |
| TAJ5519C2     | TAJ5519C                | AC          | 1 1/2      | 34.45        | 400V 3~ 50Hz    | 22.5 | F            | C/TEV            | POE      | CT              | 475           | 7.9 (5/16")    | 12.7 (1/2")  | 19.6        | call        | 3111             |                   |
| FH5522C       | FH5522C                 | AC          | 1 3/4      | 39.95        | 220-240V ~ 50Hz | 40.6 | F            | C                | POE      | CT              | 1330          | 9.5 (3/8")     | 15.9 (5/8")  | 30.4        | call        | 3069             |                   |
| FH5524C       | FH5524C                 | AC          | 2          | 43.5         | 220-240V ~ 50Hz | 54   | F            | C                | POE      | CT              | 1330          | 9.5 (3/8")     | 15.9 (5/8")  | 30.7        | call        | 3253             |                   |
| FH5527C       | FH5527C                 | AC          | 2          | 49.1         | 220-240V ~ 50Hz | 64   | F            | C                | POE      | CT              | 1330          | 9.5 (3/8")     | 15.9 (5/8")  | 30.2        | call        | 3771             |                   |
| FH5531C       | FH5531C                 | AC          | 2 1/2      | 56.65        | 220-240V ~ 50Hz | 74   | F            | C                | POE      | CT              | 1330          | 9.5 (3/8")     | 19 (3/4")    | 32.5        | call        | 4420             |                   |
| FH5540C       | FH5540C                 | AC          | 3 1/2      | 74.25        | 220-240V ~ 50Hz | 93   | F            | C                | POE      | CT              | 1330          | 9.5 (3/8")     | 19 (3/4")    | 34.7        | call        | 5858             |                   |
| TFH5522C      | TFH5522C                | AC          | 1 3/4      | 39.95        | 400V 3~ 50Hz    | 25   | F            | C/TEV            | POE      | CT              | 1330          | 9.5 (3/8")     | 15.9 (5/8")  | 29.6        | call        | 3069             |                   |
| TFH5524C      | TFH5524C                | AC          | 2          | 43.5         | 400V 3~ 50Hz    | 25.1 | F            | C/TEV            | POE      | CT              | 1330          | 9.5 (3/8")     | 15.9 (5/8")  | 29.8        | call        | 3253             |                   |
| TFH5527C      | TFH5527C                | AC          | 2          | 49.1         | 400V 3~ 50Hz    | 25   | F            | C/TEV            | POE      | CT              | 1330          | 9.5 (3/8")     | 15.9 (5/8")  | 29.8        | call        | 3771             |                   |
| TFH5531C      | TFH5531C                | AC          | 2 1/2      | 56.65        | 400V 3~ 50Hz    | 30.5 | F            | C/TEV            | POE      | CT              | 1330          | 9.5 (3/8")     | 19 (3/4")    | 31.5        | call        | 4420             |                   |
| TFH5540C      | TFH5540C                | AC          | 3 1/2      | 74.25        | 400V 3~ 50Hz    | 39   | F            | C/TEV            | POE      | CT              | 1330          | 9.5 (3/8")     | 19 (3/4")    | 30.2        | call        | 5858             |                   |

#### Expansion Device:

C = Capillary  
TEV = Expansion Device  
C/TEV = Capillary or Expansion Device

#### Connection Types:

CT = All Copper Tubes  
RCT = Rotolock Suction Valve, Rest Copper Tubes  
R = Rotolock/Valve Only

#### Cooling Type

F = Fan  
SC = Suction Cooled  
ST = Static Cooling

# Compressor Models



AE



AG / TAG



AJ / CAJ / TAJ



FH / TFH



HGA



RK

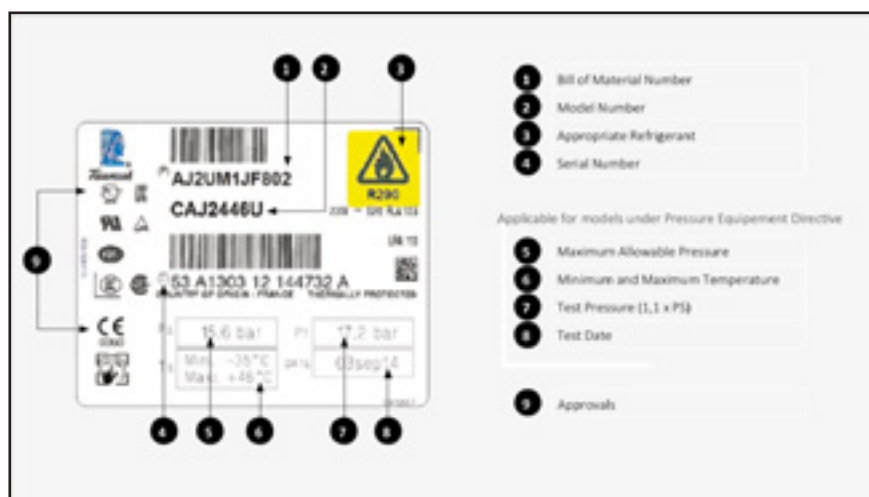


THB / THG



If you can't find the exact model you need please contact your local branch. Details on reverse.

# Compressor Model Nomenclature



| C                               | AJ                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 4                     | 4                                 | 92               | Y           | FZ          |                                |  |    |                   |              |                              |        |                                                             |        |               |                                                             |                     |         |                                                            |        |                     |                                                            |                         |             |                                                            |        |                                     |                                                            |                             |                     |                                                               |      |                                     |    |                             |    |                                  |    |                             |    |                              |    |                                     |
|---------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|-----------------------------------|------------------|-------------|-------------|--------------------------------|--|----|-------------------|--------------|------------------------------|--------|-------------------------------------------------------------|--------|---------------|-------------------------------------------------------------|---------------------|---------|------------------------------------------------------------|--------|---------------------|------------------------------------------------------------|-------------------------|-------------|------------------------------------------------------------|--------|-------------------------------------|------------------------------------------------------------|-----------------------------|---------------------|---------------------------------------------------------------|------|-------------------------------------|----|-----------------------------|----|----------------------------------|----|-----------------------------|----|------------------------------|----|-------------------------------------|
| Stator Definition               | Compressor Family<br>(First Two Digits)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Application           | Digit Number                      | Cooling Capacity | Refrigerant | Voltage     |                                |  |    |                   |              |                              |        |                                                             |        |               |                                                             |                     |         |                                                            |        |                     |                                                            |                         |             |                                                            |        |                                     |                                                            |                             |                     |                                                               |      |                                     |    |                             |    |                                  |    |                             |    |                              |    |                                     |
| C                               | No letter<br>single-phase low starting torque                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | C                     | single-phase high starting torque |                  | T           | three-phase |                                |  |    |                   |              |                              |        |                                                             |        |               |                                                             |                     |         |                                                            |        |                     |                                                            |                         |             |                                                            |        |                                     |                                                            |                             |                     |                                                               |      |                                     |    |                             |    |                                  |    |                             |    |                              |    |                                     |
| AJ                              | PRODUCT RANGE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                       |                                   |                  |             |             |                                |  |    |                   |              |                              |        |                                                             |        |               |                                                             |                     |         |                                                            |        |                     |                                                            |                         |             |                                                            |        |                                     |                                                            |                             |                     |                                                               |      |                                     |    |                             |    |                                  |    |                             |    |                              |    |                                     |
| 4                               | <table><tr><th colspan="3">Primary Application Parameters</th></tr><tr><th>Evap. Temperature</th><th>Rating Point</th><th>Motor Starting Torque</th></tr><tr><td>1. Low</td><td>-23,3°C T evap. / +54,5°C T cond. / +32°C RG / +32°C Liquid</td><td>Normal</td></tr><tr><td>2. Low</td><td>-23,3°C T evap. / +54,5°C T cond. / +32°C RG / +32°C Liquid</td><td>High</td></tr><tr><td>3. High</td><td>+7,2°C T evap. / +54,5°C T cond. / +35°C RG / +35°C Liquid</td><td>Normal</td></tr><tr><td>4. High</td><td>+7,2°C T evap. / +54,5°C T cond. / +35°C RG / +35°C Liquid</td><td>High</td></tr><tr><td>5. Air Cond</td><td>+7,2°C T evap. / +54,5°C T cond. / +35°C RG / +35°C Liquid</td><td>Normal</td></tr><tr><td>9. Commercial - AJ<sup>2</sup></td><td>+7,2°C T evap. / +54,5°C T cond. / +35°C RG / +35°C Liquid</td><td>High</td></tr><tr><td>9. Commercial - VSC</td><td>-6,7°C T evap. / +48,9°C T cond. / +4,4°C RG / +48,9°C Liquid</td><td>High</td></tr></table>                                                                                            |                       |                                   |                  |             |             | Primary Application Parameters |  |    | Evap. Temperature | Rating Point | Motor Starting Torque        | 1. Low | -23,3°C T evap. / +54,5°C T cond. / +32°C RG / +32°C Liquid | Normal | 2. Low        | -23,3°C T evap. / +54,5°C T cond. / +32°C RG / +32°C Liquid | High                | 3. High | +7,2°C T evap. / +54,5°C T cond. / +35°C RG / +35°C Liquid | Normal | 4. High             | +7,2°C T evap. / +54,5°C T cond. / +35°C RG / +35°C Liquid | High                    | 5. Air Cond | +7,2°C T evap. / +54,5°C T cond. / +35°C RG / +35°C Liquid | Normal | 9. Commercial - AJ <sup>2</sup>     | +7,2°C T evap. / +54,5°C T cond. / +35°C RG / +35°C Liquid | High                        | 9. Commercial - VSC | -6,7°C T evap. / +48,9°C T cond. / +4,4°C RG / +48,9°C Liquid | High |                                     |    |                             |    |                                  |    |                             |    |                              |    |                                     |
| Primary Application Parameters  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                       |                                   |                  |             |             |                                |  |    |                   |              |                              |        |                                                             |        |               |                                                             |                     |         |                                                            |        |                     |                                                            |                         |             |                                                            |        |                                     |                                                            |                             |                     |                                                               |      |                                     |    |                             |    |                                  |    |                             |    |                              |    |                                     |
| Evap. Temperature               | Rating Point                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Motor Starting Torque |                                   |                  |             |             |                                |  |    |                   |              |                              |        |                                                             |        |               |                                                             |                     |         |                                                            |        |                     |                                                            |                         |             |                                                            |        |                                     |                                                            |                             |                     |                                                               |      |                                     |    |                             |    |                                  |    |                             |    |                              |    |                                     |
| 1. Low                          | -23,3°C T evap. / +54,5°C T cond. / +32°C RG / +32°C Liquid                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Normal                |                                   |                  |             |             |                                |  |    |                   |              |                              |        |                                                             |        |               |                                                             |                     |         |                                                            |        |                     |                                                            |                         |             |                                                            |        |                                     |                                                            |                             |                     |                                                               |      |                                     |    |                             |    |                                  |    |                             |    |                              |    |                                     |
| 2. Low                          | -23,3°C T evap. / +54,5°C T cond. / +32°C RG / +32°C Liquid                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | High                  |                                   |                  |             |             |                                |  |    |                   |              |                              |        |                                                             |        |               |                                                             |                     |         |                                                            |        |                     |                                                            |                         |             |                                                            |        |                                     |                                                            |                             |                     |                                                               |      |                                     |    |                             |    |                                  |    |                             |    |                              |    |                                     |
| 3. High                         | +7,2°C T evap. / +54,5°C T cond. / +35°C RG / +35°C Liquid                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Normal                |                                   |                  |             |             |                                |  |    |                   |              |                              |        |                                                             |        |               |                                                             |                     |         |                                                            |        |                     |                                                            |                         |             |                                                            |        |                                     |                                                            |                             |                     |                                                               |      |                                     |    |                             |    |                                  |    |                             |    |                              |    |                                     |
| 4. High                         | +7,2°C T evap. / +54,5°C T cond. / +35°C RG / +35°C Liquid                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | High                  |                                   |                  |             |             |                                |  |    |                   |              |                              |        |                                                             |        |               |                                                             |                     |         |                                                            |        |                     |                                                            |                         |             |                                                            |        |                                     |                                                            |                             |                     |                                                               |      |                                     |    |                             |    |                                  |    |                             |    |                              |    |                                     |
| 5. Air Cond                     | +7,2°C T evap. / +54,5°C T cond. / +35°C RG / +35°C Liquid                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Normal                |                                   |                  |             |             |                                |  |    |                   |              |                              |        |                                                             |        |               |                                                             |                     |         |                                                            |        |                     |                                                            |                         |             |                                                            |        |                                     |                                                            |                             |                     |                                                               |      |                                     |    |                             |    |                                  |    |                             |    |                              |    |                                     |
| 9. Commercial - AJ <sup>2</sup> | +7,2°C T evap. / +54,5°C T cond. / +35°C RG / +35°C Liquid                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | High                  |                                   |                  |             |             |                                |  |    |                   |              |                              |        |                                                             |        |               |                                                             |                     |         |                                                            |        |                     |                                                            |                         |             |                                                            |        |                                     |                                                            |                             |                     |                                                               |      |                                     |    |                             |    |                                  |    |                             |    |                              |    |                                     |
| 9. Commercial - VSC             | -6,7°C T evap. / +48,9°C T cond. / +4,4°C RG / +48,9°C Liquid                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | High                  |                                   |                  |             |             |                                |  |    |                   |              |                              |        |                                                             |        |               |                                                             |                     |         |                                                            |        |                     |                                                            |                         |             |                                                            |        |                                     |                                                            |                             |                     |                                                               |      |                                     |    |                             |    |                                  |    |                             |    |                              |    |                                     |
| 4                               | Number of digits composing the cooling capacity                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                       |                                   |                  |             |             |                                |  |    |                   |              |                              |        |                                                             |        |               |                                                             |                     |         |                                                            |        |                     |                                                            |                         |             |                                                            |        |                                     |                                                            |                             |                     |                                                               |      |                                     |    |                             |    |                                  |    |                             |    |                              |    |                                     |
| 92                              | Corresponding to the two first figures of the cooling capacity expressed in BTU/h. In this example total digits 4, with cooling capacity 92 means 9200 BTU/h at 60 Hz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                       |                                   |                  |             |             |                                |  |    |                   |              |                              |        |                                                             |        |               |                                                             |                     |         |                                                            |        |                     |                                                            |                         |             |                                                            |        |                                     |                                                            |                             |                     |                                                               |      |                                     |    |                             |    |                                  |    |                             |    |                              |    |                                     |
| Y                               | <table><tr><th colspan="2">Primary Refrigerants</th></tr><tr><td>A</td><td>R12</td></tr><tr><td>C</td><td>R407C</td></tr><tr><td>E/T</td><td>R22</td></tr><tr><td>H</td><td>R1234yf</td></tr><tr><td>N</td><td>R134a/R1234yf</td></tr><tr><td>U</td><td>R290</td></tr><tr><td>Y</td><td>R134a</td></tr><tr><td>Z</td><td>R404A/R507/R412A/R405A*</td></tr></table> <p>*for multi refrigerant models VSC and SH, Z letter includes R134a refrigerant</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                       |                                   |                  |             |             | Primary Refrigerants           |  | A  | R12               | C            | R407C                        | E/T    | R22                                                         | H      | R1234yf       | N                                                           | R134a/R1234yf       | U       | R290                                                       | Y      | R134a               | Z                                                          | R404A/R507/R412A/R405A* |             |                                                            |        |                                     |                                                            |                             |                     |                                                               |      |                                     |    |                             |    |                                  |    |                             |    |                              |    |                                     |
| Primary Refrigerants            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                       |                                   |                  |             |             |                                |  |    |                   |              |                              |        |                                                             |        |               |                                                             |                     |         |                                                            |        |                     |                                                            |                         |             |                                                            |        |                                     |                                                            |                             |                     |                                                               |      |                                     |    |                             |    |                                  |    |                             |    |                              |    |                                     |
| A                               | R12                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                       |                                   |                  |             |             |                                |  |    |                   |              |                              |        |                                                             |        |               |                                                             |                     |         |                                                            |        |                     |                                                            |                         |             |                                                            |        |                                     |                                                            |                             |                     |                                                               |      |                                     |    |                             |    |                                  |    |                             |    |                              |    |                                     |
| C                               | R407C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                       |                                   |                  |             |             |                                |  |    |                   |              |                              |        |                                                             |        |               |                                                             |                     |         |                                                            |        |                     |                                                            |                         |             |                                                            |        |                                     |                                                            |                             |                     |                                                               |      |                                     |    |                             |    |                                  |    |                             |    |                              |    |                                     |
| E/T                             | R22                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                       |                                   |                  |             |             |                                |  |    |                   |              |                              |        |                                                             |        |               |                                                             |                     |         |                                                            |        |                     |                                                            |                         |             |                                                            |        |                                     |                                                            |                             |                     |                                                               |      |                                     |    |                             |    |                                  |    |                             |    |                              |    |                                     |
| H                               | R1234yf                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                       |                                   |                  |             |             |                                |  |    |                   |              |                              |        |                                                             |        |               |                                                             |                     |         |                                                            |        |                     |                                                            |                         |             |                                                            |        |                                     |                                                            |                             |                     |                                                               |      |                                     |    |                             |    |                                  |    |                             |    |                              |    |                                     |
| N                               | R134a/R1234yf                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                       |                                   |                  |             |             |                                |  |    |                   |              |                              |        |                                                             |        |               |                                                             |                     |         |                                                            |        |                     |                                                            |                         |             |                                                            |        |                                     |                                                            |                             |                     |                                                               |      |                                     |    |                             |    |                                  |    |                             |    |                              |    |                                     |
| U                               | R290                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                       |                                   |                  |             |             |                                |  |    |                   |              |                              |        |                                                             |        |               |                                                             |                     |         |                                                            |        |                     |                                                            |                         |             |                                                            |        |                                     |                                                            |                             |                     |                                                               |      |                                     |    |                             |    |                                  |    |                             |    |                              |    |                                     |
| Y                               | R134a                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                       |                                   |                  |             |             |                                |  |    |                   |              |                              |        |                                                             |        |               |                                                             |                     |         |                                                            |        |                     |                                                            |                         |             |                                                            |        |                                     |                                                            |                             |                     |                                                               |      |                                     |    |                             |    |                                  |    |                             |    |                              |    |                                     |
| Z                               | R404A/R507/R412A/R405A*                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                       |                                   |                  |             |             |                                |  |    |                   |              |                              |        |                                                             |        |               |                                                             |                     |         |                                                            |        |                     |                                                            |                         |             |                                                            |        |                                     |                                                            |                             |                     |                                                               |      |                                     |    |                             |    |                                  |    |                             |    |                              |    |                                     |
| FZ                              | <table><tr><th colspan="2">Approved Voltage</th></tr><tr><td>AA</td><td>115V 1" 60Hz</td></tr><tr><td>CZ</td><td>208V 1" 50 Hz / 230V 1" 60Hz</td></tr><tr><td>ES</td><td>270V 1" 60 Hz</td></tr><tr><td>FS</td><td>220V 1" 50 Hz</td></tr><tr><td>FZ</td><td>220 - 240V 1" 50 Hz</td></tr><tr><td>GS</td><td>270V 1" 50Hz / 220V 1" 60 Hz</td></tr><tr><td>GZ</td><td>208 - 220V 1" 50 Hz</td></tr><tr><td>HZ</td><td>208 - 220V 1" 60 Hz</td></tr><tr><td>KZ</td><td>220V 1" 50Hz / 220V 1" 60 Hz</td></tr><tr><td>MZ</td><td>380-420V 3" 50Hz / 440-480V 3" 60Hz</td></tr><tr><td>QZ</td><td>200V 3" 50Hz / 200V 3" 60Hz</td></tr><tr><td>TZ</td><td>400V 3" 50Hz / 440V 3" 60Hz</td></tr><tr><td>WT</td><td>208-230V 1" 50Hz / 220-230V 1" 60Hz</td></tr><tr><td>XA</td><td>100V 1" 50Hz / 115V 1" 60Hz</td></tr><tr><td>XG</td><td>380-420V 3" 50Hz / 460V 3" 60 Hz</td></tr><tr><td>XU</td><td>100V 1" 50Hz / 200V 1" 60Hz</td></tr><tr><td>XZ</td><td>115V - 40Hz / 230V - 80Hz 3"</td></tr><tr><td>YZ</td><td>380-420V 3" 50Hz / 440-480V 3" 60Hz</td></tr></table> |                       |                                   |                  |             |             | Approved Voltage               |  | AA | 115V 1" 60Hz      | CZ           | 208V 1" 50 Hz / 230V 1" 60Hz | ES     | 270V 1" 60 Hz                                               | FS     | 220V 1" 50 Hz | FZ                                                          | 220 - 240V 1" 50 Hz | GS      | 270V 1" 50Hz / 220V 1" 60 Hz                               | GZ     | 208 - 220V 1" 50 Hz | HZ                                                         | 208 - 220V 1" 60 Hz     | KZ          | 220V 1" 50Hz / 220V 1" 60 Hz                               | MZ     | 380-420V 3" 50Hz / 440-480V 3" 60Hz | QZ                                                         | 200V 3" 50Hz / 200V 3" 60Hz | TZ                  | 400V 3" 50Hz / 440V 3" 60Hz                                   | WT   | 208-230V 1" 50Hz / 220-230V 1" 60Hz | XA | 100V 1" 50Hz / 115V 1" 60Hz | XG | 380-420V 3" 50Hz / 460V 3" 60 Hz | XU | 100V 1" 50Hz / 200V 1" 60Hz | XZ | 115V - 40Hz / 230V - 80Hz 3" | YZ | 380-420V 3" 50Hz / 440-480V 3" 60Hz |
| Approved Voltage                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                       |                                   |                  |             |             |                                |  |    |                   |              |                              |        |                                                             |        |               |                                                             |                     |         |                                                            |        |                     |                                                            |                         |             |                                                            |        |                                     |                                                            |                             |                     |                                                               |      |                                     |    |                             |    |                                  |    |                             |    |                              |    |                                     |
| AA                              | 115V 1" 60Hz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                       |                                   |                  |             |             |                                |  |    |                   |              |                              |        |                                                             |        |               |                                                             |                     |         |                                                            |        |                     |                                                            |                         |             |                                                            |        |                                     |                                                            |                             |                     |                                                               |      |                                     |    |                             |    |                                  |    |                             |    |                              |    |                                     |
| CZ                              | 208V 1" 50 Hz / 230V 1" 60Hz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                       |                                   |                  |             |             |                                |  |    |                   |              |                              |        |                                                             |        |               |                                                             |                     |         |                                                            |        |                     |                                                            |                         |             |                                                            |        |                                     |                                                            |                             |                     |                                                               |      |                                     |    |                             |    |                                  |    |                             |    |                              |    |                                     |
| ES                              | 270V 1" 60 Hz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                       |                                   |                  |             |             |                                |  |    |                   |              |                              |        |                                                             |        |               |                                                             |                     |         |                                                            |        |                     |                                                            |                         |             |                                                            |        |                                     |                                                            |                             |                     |                                                               |      |                                     |    |                             |    |                                  |    |                             |    |                              |    |                                     |
| FS                              | 220V 1" 50 Hz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                       |                                   |                  |             |             |                                |  |    |                   |              |                              |        |                                                             |        |               |                                                             |                     |         |                                                            |        |                     |                                                            |                         |             |                                                            |        |                                     |                                                            |                             |                     |                                                               |      |                                     |    |                             |    |                                  |    |                             |    |                              |    |                                     |
| FZ                              | 220 - 240V 1" 50 Hz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                       |                                   |                  |             |             |                                |  |    |                   |              |                              |        |                                                             |        |               |                                                             |                     |         |                                                            |        |                     |                                                            |                         |             |                                                            |        |                                     |                                                            |                             |                     |                                                               |      |                                     |    |                             |    |                                  |    |                             |    |                              |    |                                     |
| GS                              | 270V 1" 50Hz / 220V 1" 60 Hz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                       |                                   |                  |             |             |                                |  |    |                   |              |                              |        |                                                             |        |               |                                                             |                     |         |                                                            |        |                     |                                                            |                         |             |                                                            |        |                                     |                                                            |                             |                     |                                                               |      |                                     |    |                             |    |                                  |    |                             |    |                              |    |                                     |
| GZ                              | 208 - 220V 1" 50 Hz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                       |                                   |                  |             |             |                                |  |    |                   |              |                              |        |                                                             |        |               |                                                             |                     |         |                                                            |        |                     |                                                            |                         |             |                                                            |        |                                     |                                                            |                             |                     |                                                               |      |                                     |    |                             |    |                                  |    |                             |    |                              |    |                                     |
| HZ                              | 208 - 220V 1" 60 Hz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                       |                                   |                  |             |             |                                |  |    |                   |              |                              |        |                                                             |        |               |                                                             |                     |         |                                                            |        |                     |                                                            |                         |             |                                                            |        |                                     |                                                            |                             |                     |                                                               |      |                                     |    |                             |    |                                  |    |                             |    |                              |    |                                     |
| KZ                              | 220V 1" 50Hz / 220V 1" 60 Hz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                       |                                   |                  |             |             |                                |  |    |                   |              |                              |        |                                                             |        |               |                                                             |                     |         |                                                            |        |                     |                                                            |                         |             |                                                            |        |                                     |                                                            |                             |                     |                                                               |      |                                     |    |                             |    |                                  |    |                             |    |                              |    |                                     |
| MZ                              | 380-420V 3" 50Hz / 440-480V 3" 60Hz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                       |                                   |                  |             |             |                                |  |    |                   |              |                              |        |                                                             |        |               |                                                             |                     |         |                                                            |        |                     |                                                            |                         |             |                                                            |        |                                     |                                                            |                             |                     |                                                               |      |                                     |    |                             |    |                                  |    |                             |    |                              |    |                                     |
| QZ                              | 200V 3" 50Hz / 200V 3" 60Hz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                       |                                   |                  |             |             |                                |  |    |                   |              |                              |        |                                                             |        |               |                                                             |                     |         |                                                            |        |                     |                                                            |                         |             |                                                            |        |                                     |                                                            |                             |                     |                                                               |      |                                     |    |                             |    |                                  |    |                             |    |                              |    |                                     |
| TZ                              | 400V 3" 50Hz / 440V 3" 60Hz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                       |                                   |                  |             |             |                                |  |    |                   |              |                              |        |                                                             |        |               |                                                             |                     |         |                                                            |        |                     |                                                            |                         |             |                                                            |        |                                     |                                                            |                             |                     |                                                               |      |                                     |    |                             |    |                                  |    |                             |    |                              |    |                                     |
| WT                              | 208-230V 1" 50Hz / 220-230V 1" 60Hz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                       |                                   |                  |             |             |                                |  |    |                   |              |                              |        |                                                             |        |               |                                                             |                     |         |                                                            |        |                     |                                                            |                         |             |                                                            |        |                                     |                                                            |                             |                     |                                                               |      |                                     |    |                             |    |                                  |    |                             |    |                              |    |                                     |
| XA                              | 100V 1" 50Hz / 115V 1" 60Hz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                       |                                   |                  |             |             |                                |  |    |                   |              |                              |        |                                                             |        |               |                                                             |                     |         |                                                            |        |                     |                                                            |                         |             |                                                            |        |                                     |                                                            |                             |                     |                                                               |      |                                     |    |                             |    |                                  |    |                             |    |                              |    |                                     |
| XG                              | 380-420V 3" 50Hz / 460V 3" 60 Hz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                       |                                   |                  |             |             |                                |  |    |                   |              |                              |        |                                                             |        |               |                                                             |                     |         |                                                            |        |                     |                                                            |                         |             |                                                            |        |                                     |                                                            |                             |                     |                                                               |      |                                     |    |                             |    |                                  |    |                             |    |                              |    |                                     |
| XU                              | 100V 1" 50Hz / 200V 1" 60Hz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                       |                                   |                  |             |             |                                |  |    |                   |              |                              |        |                                                             |        |               |                                                             |                     |         |                                                            |        |                     |                                                            |                         |             |                                                            |        |                                     |                                                            |                             |                     |                                                               |      |                                     |    |                             |    |                                  |    |                             |    |                              |    |                                     |
| XZ                              | 115V - 40Hz / 230V - 80Hz 3"                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                       |                                   |                  |             |             |                                |  |    |                   |              |                              |        |                                                             |        |               |                                                             |                     |         |                                                            |        |                     |                                                            |                         |             |                                                            |        |                                     |                                                            |                             |                     |                                                               |      |                                     |    |                             |    |                                  |    |                             |    |                              |    |                                     |
| YZ                              | 380-420V 3" 50Hz / 440-480V 3" 60Hz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                       |                                   |                  |             |             |                                |  |    |                   |              |                              |        |                                                             |        |               |                                                             |                     |         |                                                            |        |                     |                                                            |                         |             |                                                            |        |                                     |                                                            |                             |                     |                                                               |      |                                     |    |                             |    |                                  |    |                             |    |                              |    |                                     |

NOTE: For explanation of compressor families and codes, please contact Tecumseh

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# *Danfoss*

ENGINEERING  
TOMORROW





## Danfoss Light Commercial Compressors (DL, FR, GS, NL, SC, TL)

Danfoss offers the broadest range of light commercial refrigeration compressors to the market and we have included all the most popular variants within this guide. Danfoss small and light commercial reciprocating compressors are suitable for low, medium and high temperatures using the following refrigerants:

P: R134a. N: R600a, R134a, R290, R404A/R507A.

T: R134a, R290, R404A/R507A

S: R134a, R290, R404A/R507A

F: R134a, R404A/R507A

G: R134a, R404A/R507A

Each part number is for a compressor kit which include all electrical and mounting accessories required for an installation or replacement.

Danfoss offers the broadest range of light commercial refrigeration compressors in the market, so if the compressor you require is not listed, please contact your local brand (page 3) who will be happy to provide price and availability.

# Danfoss Compressors



| PART NUMBER      | COMPRESSOR MODEL NUMBER | APPLICATION | NOMINAL HP | DISPLACEMENT         | POWER SUPPLY | LRA    | COOLING TYPE | EXPANSION DEVICE | OIL TYPE | OIL CHARGE cc        | CONNECTION TYPE | DISCHARGE SIZE mm | SUCTION SIZE mm | WEIGHT (KG) | HEIGHT (MM) | NOMINAL CAPACITY -5c | NOMINAL CAPACITY -25c |
|------------------|-------------------------|-------------|------------|----------------------|--------------|--------|--------------|------------------|----------|----------------------|-----------------|-------------------|-----------------|-------------|-------------|----------------------|-----------------------|
| R134A            |                         |             |            |                      |              |        |              |                  |          |                      |                 |                   |                 |             |             |                      |                       |
| 195B000600       | TL3GX                   | H/L/MBP     | 1/10       | 3.13cm <sup>3</sup>  | 230/50-60/1  | 4.8 A  | ST           | C/TEV            | POE      | 280cm <sup>3</sup>   | CT              | 5                 | 6.2             | 7.39        | 163         | 179                  | 60                    |
| 195B000800       | TL4GX                   | H/L/MBP     | 1/10       | 3.86cm <sup>3</sup>  | 230/50-60/1  | 5.1 A  | ST           | C/TEV            | POE      | 280cm <sup>3</sup>   | CT              | 5                 | 6.2             | 8.24        | 173         | 228                  | 88                    |
| 195B022200       | TL5GK                   | H/L/MBP     | 1/4        | 5.08cm <sup>3</sup>  | 230/50-60/1  | 5.4 A  | ST           | C                | POE      | 280cm <sup>3</sup>   | CT              | 5                 | 6.2             | 8.16        | 173         | 281                  | 102                   |
| 195B001100       | TL5GX                   | H/L/MBP     | 1/4        | 5.08cm <sup>3</sup>  | 230/50-60/1  | 5.7 A  | ST           | C/TEV            | POE      | 280cm <sup>3</sup>   | CT              | 5                 | 6.2             | 8.19        | 173         | 281                  | 102                   |
| 195B019200       | FR7.5GK                 | H/L/MBP     | 1/4        | 6.93cm <sup>3</sup>  | 230/50-60/1  | 8.1 A  | F            | C                | POE      | 450cm <sup>3</sup>   | CT              | 6.2               | 8.2             | 11.21       | 196         | 407                  | 137                   |
| 195B002400       | FR7.5GX                 | H/L/MBP     | 1/4        | 6.93cm <sup>3</sup>  | 230/50-60/1  | 8.1 A  | F            | C/TEV            | POE      | 450cm <sup>3</sup>   | CT              | 6.2               | 8.2             | 11.24       | 196         | 407                  | 137                   |
| 195B019300       | FR8.5GK                 | H/L/MBP     | 1/4        | 7.95cm <sup>3</sup>  | 230/50-60/1  | 8.4 A  | F            | C                | POE      | 450cm <sup>3</sup>   | CT              | 6.2               | 8.2             | 11.07       | 196         | 485                  | 171                   |
| 195B002600       | FR8.5GX                 | H/L/MBP     | 1/4        | 7.95cm <sup>3</sup>  | 230/50-60/1  | 9.0 A  | F            | C/TEV            | POE      | 450cm <sup>3</sup>   | CT              | 6.2               | 8.2             | 11.25       | 196         | 485                  | 171                   |
| 195B019400       | FR10GK                  | H/L/MBP     | 1/4        | 9.05cm <sup>3</sup>  | 230/50-60/1  | 10.5 A | F            | C                | POE      | 450cm <sup>3</sup>   | CT              | 6.2               | 8.2             | 11.21       | 196         | 518                  | 182                   |
| 195B002700       | FR10GX                  | H/L/MBP     | 1/4        | 9.05cm <sup>3</sup>  | 230/50-60/1  | 10.9 A | F            | C/TEV            | POE      | 450cm <sup>3</sup>   | CT              | 6.2               | 8.2             | 11.34       | 196         | 518                  | 182                   |
| 195B019500       | FR11GK                  | H/L/MBP     | 1/4        | 11.15cm <sup>3</sup> | 230/50/1     | 10.5 A | F            | C                | POE      | 450cm <sup>3</sup>   | CT              | 6.2               | 8.2             | 11.13       | 196         | -                    | 226                   |
| 195B002800       | FR11GX                  | H/L/MBP     | 1/4        | 11.15cm <sup>3</sup> | 230/50/1     | 10.9 A | F            | C/TEV            | POE      | 450cm <sup>3</sup>   | CT              | 6.2               | 8.2             | 11.30       | 196         | -                    | 226                   |
| 195B005000       | SC12GX                  | H/L/MBP     | 1/2        | 12.87cm <sup>3</sup> | 230/50-60/1  | 12.5 A | F            | C/TEV            | POE      | 550cm <sup>3</sup>   | CT              | 6.2               | 8.2             | 13.32       | 209         | 780                  | 252                   |
| 195B005300       | SC15GX                  | H/L/MBP     | 1/2        | 15.28cm <sup>3</sup> | 230/50-60/1  | 16.2 A | F            | C/TEV            | POE      | 550cm <sup>3</sup>   | CT              | 6.2               | 10.2            | 13.69       | 209         | 918                  | 280                   |
| 195B005900       | SC18GX                  | H/L/MBP     | 1/2        | 17.69cm <sup>3</sup> | 230/50-60/1  | 20.4 A | F            | C/TEV            | POE      | 600cm <sup>3</sup>   | CT              | 6.2               | 10.2            | 14.30       | 219         | 1074                 | 358                   |
| 195B063600       | SC21G 22                | H/L/MBP     | 3/4        | 20.95cm <sup>3</sup> | 230/50-60/1  | 22.1 A | F            | C/TEV            | POE      | 600cm <sup>3</sup>   | CT              | 6.2               | 10.2            | 14.93       | 219         | 1308                 | 453                   |
| 195B037100       | NL8.4MF                 | MBP         | 1/2        | 8.35cm <sup>3</sup>  | 230/50-60/1  | 10.8 A | F            | C                | POE      | 320cm <sup>3</sup>   | CT              | 6.2               | 8.2             | 10.84       | 197         | 530                  | -                     |
| 195B000500       | TL3FK                   | M/LBP       | 1/10       | 3.13cm <sup>3</sup>  | 230/50/1     | 2.8 A  | ST           | C                | POE      | 180cm <sup>3</sup>   | CT              | 5                 | 6.2             | 7.10        | 163         | 175                  | 58                    |
| 195B009100       | NL7FK                   | LBP         | 1/4        | 7.27cm <sup>3</sup>  | 230/50/1     | 5.9 A  | ST           | C                | POE      | 320cm <sup>3</sup>   | CT              | 5                 | 6.2             | 10.28       | 190         | -                    | 176                   |
| 195B017600       | NL7FX                   | LBP         | 1/4        | 7.27cm <sup>3</sup>  | 230/50/1     | 5.9 A  | ST           | C/TEV            | POE      | 320cm <sup>3</sup>   | CT              | 5                 | 6.2             | 10.26       | 190         | -                    | 176                   |
| 195B009200       | NL9FK                   | LBP         | 1/4        | 8.35cm <sup>3</sup>  | 230/50/1     | 6.6 A  | ST           | C                | POE      | 320cm <sup>3</sup>   | CT              | 6.2               | 8.2             | 10.90       | 197         | -                    | 200                   |
| 195B017800       | NL9FX                   | LBP         | 1/4        | 8.35cm <sup>3</sup>  | 230/50/1     | 7.9 A  | ST           | C/TEV            | POE      | 320cm <sup>3</sup>   | CT              | 6.2               | 8.2             | 11.04       | 197         | -                    | 200                   |
| 195B009300       | NL11FK                  | LBP         | 1/4        | 11.15cm <sup>3</sup> | 230/50/1     | 9.2 A  | F            | C                | POE      | 320cm <sup>3</sup>   | CT              | 6.2               | 8.2             | 11.43       | 203         | -                    | 257                   |
| 195B000900       | TL5FK                   | LBP         | 1/4        | 5.08cm <sup>3</sup>  | 230/50/1     | 4.3 A  | ST           | C                | POE      | 180cm <sup>3</sup>   | CT              | 5                 | 6.2             | 8.05        | 173         | -                    | 111                   |
| 195B024100       | TL5FX                   | LBP         | 1/4        | 5.08cm <sup>3</sup>  | 230/50/1     | 5.1 A  | ST           | C/TEV            | POE      | 180cm <sup>3</sup>   | CT              | 5                 | 6.2             | 8.18        | 173         | -                    | 111                   |
| 195B022100       | TL55FK                  | LBP         | 1/4        | 5.08cm <sup>3</sup>  | 230/50/1     | 4.8 A  | ST           | C                | POE      | 180cm <sup>3</sup>   | CT              | 5                 | 6.2             | 8.09        | 173         | -                    | 126                   |
| 195B023500       | TL56FX                  | LBP         | 1/4        | 5.70cm <sup>3</sup>  | 230/50/1     | 5.8 A  | ST           | C/TEV            | POE      | 180cm <sup>3</sup>   | CT              | 5                 | 6.2             | 8.10        | 173         | -                    | 139                   |
| 195B001200       | TL56TL                  | LBP         | 1/4        | 5.70cm <sup>3</sup>  | 230/50/1     | 4.8 A  | ST           | C                | POE      | 180cm <sup>3</sup>   | CT              | 5                 | 6.2             | 8.00        | 173         | -                    | 139                   |
| 195B022400       | TL57FK                  | LBP         | 1/4        | 6.49cm <sup>3</sup>  | 230/50/1     | 5.4 A  | ST           | C                | POE      | 180cm <sup>3</sup>   | CT              | 5                 | 6.2             | 8.07        | 173         | -                    | 160                   |
| R404A/R407C/R507 |                         |             |            |                      |              |        |              |                  |          |                      |                 |                   |                 |             |             |                      |                       |
| 195B007500       | SC10DLX                 | H/MBP       | 1/2        | 10.29cm <sup>3</sup> | 230/50/1     | 16.2 A | F            | C/TEV            | POE      | 600cm <sup>3</sup>   | CT              | 6.2               | 8.2             | 13.77       | 209         | 1071                 | -                     |
| 195B007700       | SC12DLX                 | H/MBP       | 3/4        | 12.87cm <sup>3</sup> | 230/50/1     | 20.4 A | F            | C/TEV            | POE      | 600cm <sup>3</sup>   | CT              | 6.2               | 10.2            | 14.41       | 219         | 1416                 | -                     |
| 195B064100       | SC15DLX                 | H/MBP       | 3/4        | 15.28cm <sup>3</sup> | 230/50/1     | 22.1 A | F            | C/TEV            | POE      | 600cm <sup>3</sup>   | CT              | 6.2               | 10.2            | 14.42       | 219         | 1652                 | -                     |
| R404A/R507       |                         |             |            |                      |              |        |              |                  |          |                      |                 |                   |                 |             |             |                      |                       |
| 195B003200       | FR6DLX                  | H/MBP       | 1/4        | 6.23cm <sup>3</sup>  | 230/50/1     | 10.9 A | F            | C/TEV            | POE      | 450cm <sup>3</sup>   | CT              | 6.2               | 8.2             | 11.33       | 196         | 637                  | -                     |
| 195B034500       | SC10MLX                 | MBP         | 1/2        | 10.29cm <sup>3</sup> | 230/50-60/1  | 19.5 A | F            | C/TEV            | POE      | 600cm <sup>3</sup>   | CT              | 6.5               | 8.2             | 13.81       | 209         | 1079                 | -                     |
| 195B032300       | SC12MLX                 | MBP         | 3/4        | 12.87cm <sup>3</sup> | 230/50-60/1  | 23.6 A | F            | C/TEV            | POE      | 600cm <sup>3</sup>   | CT              | 6.5               | 8.2             | 14.79       | 219         | 1305                 | -                     |
| 195B035800       | SC15MLX                 | MBP         | 3/4        | 15.28cm <sup>3</sup> | 230/50-60/1  | 32.2 A | F            | C/TEV            | POE      | 600cm <sup>3</sup>   | CT              | 6.5               | 10.2            | 15.42       | 219         | 1742                 | -                     |
| 195B065200       | SC18MLX                 | MBP         | 1/1        | 17.69cm <sup>3</sup> | 230/50/1     | 23.6 A | F            | C/TEV            | POE      | 600cm <sup>3</sup>   | CT              | 6.2               | 10.2            | 14.70       | 219         | 2100                 | -                     |
| 195B043800       | GS34MLX                 | MBP         | 1.3/4      | 33.80cm <sup>3</sup> | 230/50/1     | 46.0 A | F            | C/TEV            | POE      | 900cm <sup>3</sup>   | CT              | 9.7               | 16.1            | 24.55       | 279         | 4103                 | -                     |
| 195B014700       | SC10CLX                 | M/LBP       | 1/2        | 10.29cm <sup>3</sup> | 115/60/1     | 39.7 A | F            | C/TEV            | POE      | 550cm <sup>3</sup>   | CT              | 6.5               | 8.2             | 13.75       | 209         | 1178                 | 421                   |
| 195B002100       | TL4CLX                  | LBP         | 1/4        | 3.86cm <sup>3</sup>  | 230/50/1     | 5.7 A  | F            | C/TEV            | POE      | 280cm <sup>3</sup>   | CT              | 5                 | 6.2             | 8.19        | 173         | 389                  | 157                   |
| 195B003100       | FR6CLX                  | LBP         | 1/4        | 6.23cm <sup>3</sup>  | 230/50/1     | 9.0 A  | F            | C/TEV            | POE      | 450cm <sup>3</sup>   | CT              | 6.2               | 8.2             | 11.28       | 196         | 640                  | 268                   |
| 195B003800       | FR8.5CLX                | LBP         | 1/2        | 7.95cm <sup>3</sup>  | 230/50/1     | 10.9 A | F            | C/TEV            | POE      | 450cm <sup>3</sup>   | CT              | 6.2               | 8.2             | 11.15       | 196         | -                    | 321                   |
| 195B007400       | SC10CLX                 | LBP         | 1/2        | 10.29cm <sup>3</sup> | 230/50/1     | 12.5 A | F            | C/TEV            | POE      | 550cm <sup>3</sup>   | CT              | 6.2               | 8.2             | 13.35       | 209         | 1081                 | 397                   |
| 195B007600       | SC12CLX                 | LBP         | 1/2        | 12.87cm <sup>3</sup> | 230/50/1     | 16.2 A | F            | C/TEV            | POE      | 550cm <sup>3</sup>   | CT              | 6.2               | 8.2             | 13.79       | 209         | 1429                 | 540                   |
| 195B008800       | SC15CL                  | LBP         | 3/4        | 15.28cm <sup>3</sup> | 230/50/1     | 20.4 A | F            | C/TEV            | POE      | 550cm <sup>3</sup>   | CT              | 6.2               | 10.2            | 14.40       | 219         | 1613                 | 678                   |
| 195B006600       | SC18CL                  | LBP         | 3/4        | 17.69cm <sup>3</sup> | 230/50/1     | 20.4 A | F            | C/TEV            | POE      | 600cm <sup>3</sup>   | CT              | 6.2               | 10.2            | 15.10       | 219         | 1920                 | 789                   |
| 195B064000       | SC21CL                  | LBP         | 1/1        | 20.95cm <sup>3</sup> | 230/50/1     | 23.6 A | F            | C/TEV            | POE      | 600cm <sup>3</sup>   | CT              | 6.2               | 10.2            | 15.00       | 219         | -                    | 897                   |
| 195B010900       | SC15/15CLX              | LBP         | 1.1/4      | 30.56cm <sup>3</sup> | 230/50/1     | 40.8 A | F            | C/TEV            | POE      | 1,220cm <sup>3</sup> | CT              | 6.2               | 12              | 30.56       | 259         | 3226                 | 1357                  |

| PART NUMBER | COMPRESSOR MODEL NUMBER | APPLICATION | NOMINAL HP | DISPLACEMENT         | POWER SUPPLY | LRA    | COOLING TYPE | EXPANSION DEVICE | OIL TYPE | OIL CHARGE cc      | CONNECTION TYPE | DISCHARGE SIZE mm | SUCTION SIZE mm | WEIGHT (KG) | HEIGHT (MM) | NOMINAL CAPACITY -5c | NOMINAL CAPACITY -25c |
|-------------|-------------------------|-------------|------------|----------------------|--------------|--------|--------------|------------------|----------|--------------------|-----------------|-------------------|-----------------|-------------|-------------|----------------------|-----------------------|
| <b>R290</b> |                         |             |            |                      |              |        |              |                  |          |                    |                 |                   |                 |             |             |                      |                       |
| 195B045000  | TL5CNX                  | M/LBP       | 1/4        | 5.08cm <sup>3</sup>  | 230/50/1     | 5.7 A  | F            | C/TEV            | POE      | 280cm <sup>3</sup> | CT              | 5                 | 6.2             | 8.21        | 173         | 448                  | 197                   |
| 195B064500  | SC15CNX                 | M/LBP       | 1/2        | 15.28cm <sup>3</sup> | 230/50/1     | 16.2 A | F            | C/TEV            | POE      | 600cm <sup>3</sup> | CT              | 6.2               | 10.2            | 14.36       | 209         | 1429                 | 591                   |
| 195B045900  | SC21CNX                 | LBP         | 3/4        | 20.95cm <sup>3</sup> | 230/50/1     | 25.4 A | F            | C/TEV            | POE      | 600cm <sup>3</sup> | CT              | 6.2               | 10.2            | 14.59       | 219         | -                    | 890                   |

#### Expansion Device:

C = Capillary

TEV = Expansion Device

C/TEV = Capillary or Expansion Device

#### Connection Types:

CT = All Copper Tubes

RCT = Rotolock Suction Valve, Rest Copper Tubes

R = Rotolock/Valve Only

#### Cooling Type

F = Fan

SC = Suction Cooled

ST = Static Cooling

## Compressor Models



FR R134a



FR R404A



GS R404A



NL R134a



SC Twin R404A



SC R134a CSR



SC R134a



SC R290 CSR



SC R290



SC R404A 115V



SC R404A CSR



SC R404A



TL R134a



TL R290



TL R404A



If you can't find the exact model you need please contact your local branch. Details on reverse.

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# Compressor Model Nomenclature

## Key to Alternative Current-Compressor Type Designation

| 1                 | 2                  |           |          |       |                | 3                  |                 |                              |                   |                 | 4                                                                         |                      | 5                                                              |                                                           | 6                                                                                         | 7                                                                  |                                     |                                                                                   |
|-------------------|--------------------|-----------|----------|-------|----------------|--------------------|-----------------|------------------------------|-------------------|-----------------|---------------------------------------------------------------------------|----------------------|----------------------------------------------------------------|-----------------------------------------------------------|-------------------------------------------------------------------------------------------|--------------------------------------------------------------------|-------------------------------------|-----------------------------------------------------------------------------------|
| Compressor design | Protector location |           |          |       |                | Optimization level |                 |                              |                   |                 | Compressor size                                                           |                      | Application range                                              | Refrigerant                                               | Code letter for starting characteristics                                                  | Generation                                                         |                                     |                                                                                   |
|                   | Internal           |           | External |       |                |                    |                 |                              |                   |                 |                                                                           |                      |                                                                |                                                           |                                                                                           |                                                                    |                                     |                                                                                   |
|                   | PTC LST            | Relay HST | PTC      | Relay | Variable speed | Standard > High    |                 |                              |                   |                 | Capacity at rating point                                                  | Displacement         |                                                                |                                                           |                                                                                           |                                                                    |                                     |                                                                                   |
| P                 | L                  |           |          |       |                | Blank              | E <sup>a)</sup> | Always semi-direct intake    |                   |                 |                                                                           | 20<br>30<br>35<br>50 |                                                                | C = LBP<br>CL = LBP<br>CM = LBP                           | R22<br>R404A/R507<br>R22                                                                  | Blank > universal (principal rule)<br><br>Blank > first generation |                                     |                                                                                   |
| T                 |                    |           |          |       |                |                    | S               |                              |                   |                 | 2.5, 3, 4<br>4.5, 4.8, 5<br>5.7, 6, 6.5<br>7, 7.5, 8<br>8.7, 9, 10        |                      | CN = LBP<br>D = HBP<br>DL = HBP                                | R290<br>R22<br>R404A/R507 (R407C)                         |                                                                                           |                                                                    |                                     |                                                                                   |
| D                 |                    |           | T        |       | LV             |                    | E <sup>b)</sup> | Semi-direct or direct intake | Y <sup>a)b)</sup> | X <sup>a)</sup> | 4, 4.8<br>5.7, 6.5<br>7.5, 8.7<br>9.4, 10                                 |                      | F = LBP/(MBP)<br>FT = LBP tropical<br>G = LBP/MBP/HBP          | R134a<br>R134a<br>R134a                                   |                                                                                           |                                                                    |                                     |                                                                                   |
| N                 |                    |           |          | F     |                |                    |                 |                              |                   | U <sup>a)</sup> | 5.2, 5.5<br>5.7, 6, 6.1<br>7, 7.3, 8.0<br>8.4, 8.8,<br>9 10, 11<br>13, 15 |                      | GH = Heat pumps<br>GHH = Heat pumps optimized<br>K = LBP/(MBP) | R134a<br>R134a<br>R600a                                   |                                                                                           |                                                                    |                                     |                                                                                   |
| F                 | R                  |           |          |       |                |                    |                 |                              |                   |                 | 6<br>7.5<br>8.5<br>10<br>11                                               |                      | KT = LBP/(MBP) tropical<br>MF = MBP<br>MK = MBP                | R600a<br>R134a<br>R600a                                   | K = LST characteristics (capillary tube)<br><br>X = HST characteristics (expansion valve) |                                                                    |                                     |                                                                                   |
| S                 | C                  |           | C        | LV    | E              |                    |                 |                              |                   |                 | 10<br>12<br>15<br>18<br>21                                                |                      | ML = MBP<br>MN = MBP<br>S = LBP/HBP (service)                  | R404A/R507<br>R290<br>R426A<br>R401A/R401B<br>R409A/R409B |                                                                                           |                                                                    |                                     |                                                                                   |
| G                 | Power supply       |           |          |       |                |                    |                 | Always semi-direct intake    |                   |                 |                                                                           | 18<br>21<br>26<br>34 |                                                                | ST = LBP tropical (service)                               |                                                                                           |                                                                    | R426A<br>R401A/R401B<br>R409A/R409B |                                                                                   |
|                   | 1 phase            |           | 3 phase  |       |                |                    |                 |                              |                   |                 |                                                                           |                      |                                                                |                                                           |                                                                                           |                                                                    |                                     | .2 > second generation<br><br>.3 > third generation<br><br>.4 > fourth generation |
|                   | S                  |           | T        |       |                |                    |                 |                              |                   |                 |                                                                           |                      |                                                                |                                                           |                                                                                           |                                                                    |                                     |                                                                                   |

Blank = Standard  
E = Energy-optimized  
S = Semi-direct intake  
Y = High energy-optimized  
X = High energy-optimized  
U = High energy-optimized

a) = Run capacitor compulsory  
b) = Run capacitor optional

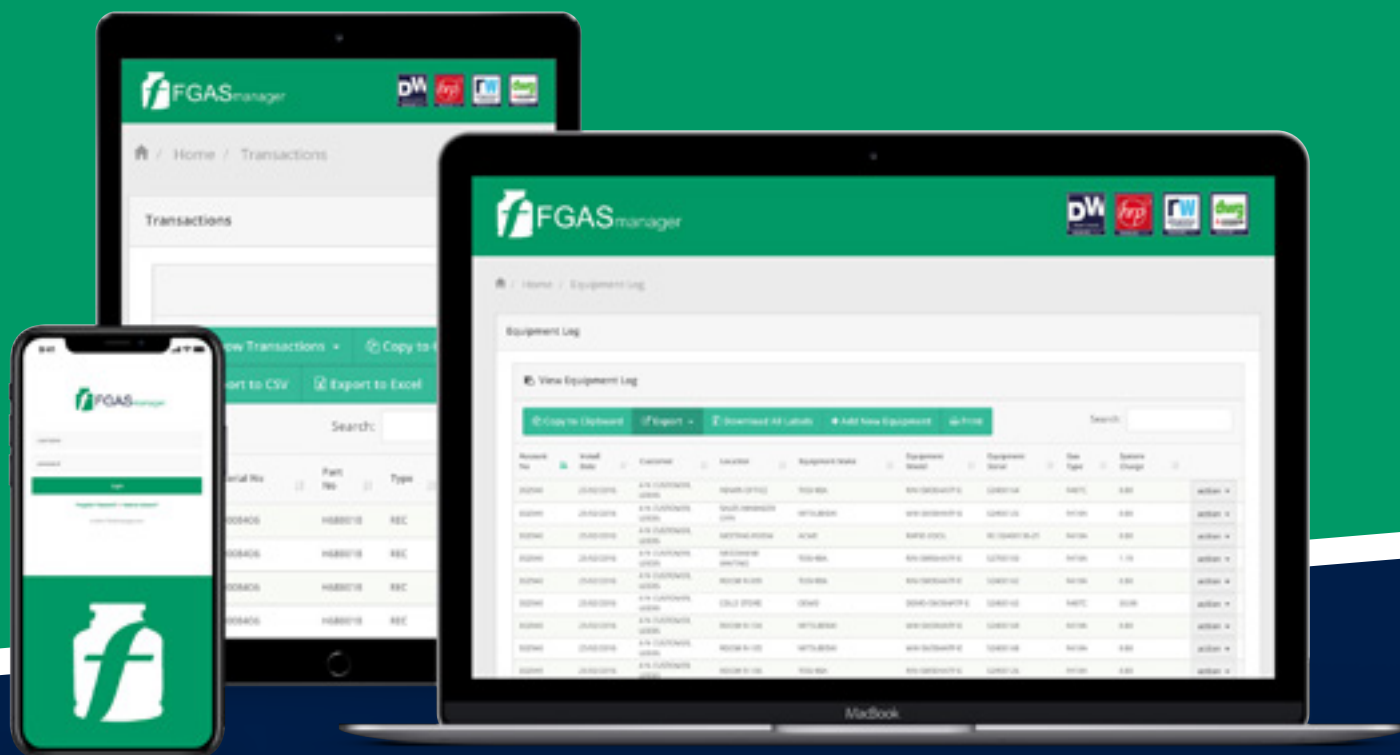
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1/2

DEHC.EI.050.A3.02, 05-2011

## Key to Direct Current-Compressor Type Designation

| 1                 | 2                  |           |          |       |                | 3                  |  |  |  |  | 4                        |                               | 5                 |                                       | 6                                        | 7                                     |                          |
|-------------------|--------------------|-----------|----------|-------|----------------|--------------------|--|--|--|--|--------------------------|-------------------------------|-------------------|---------------------------------------|------------------------------------------|---------------------------------------|--------------------------|
| Compressor design | Protector location |           |          |       |                | Optimization level |  |  |  |  | Compressor size          |                               | Application range | Refrigerant                           | Code letter for starting characteristics | Generation                            |                          |
|                   | Internal           |           | External |       |                |                    |  |  |  |  |                          |                               |                   |                                       |                                          |                                       |                          |
|                   | PTC LST            | Relay HST | PTC      | Relay | Variable speed | Standard > High    |  |  |  |  | Capacity at rating point | Displacement                  |                   |                                       |                                          |                                       |                          |
| BD<br>P/T-Housing |                    |           |          |       |                | Blank              |  |  |  |  |                          | 35<br>50<br>150<br>250<br>350 |                   | CN = LBP<br>CL = LBP<br>F = LBP/(MBP) | R290<br>R404A/R507<br>R134a              | Blank > universal<br>(principal rule) | Blank > first generation |
| BD<br>Micro       |                    |           |          |       |                |                    |  |  |  |  |                          |                               | 1.4               | GH = HBP<br>K = LBP/(MBP)             | R134a<br>R600a                           |                                       |                          |



# cubigel<sup>®</sup>

## compressors





## Cubigel Reciprocating Compressors

Huayi Compressor Barcelona specializes in designing, manufacturing and selling hermetic compressors and condensing units for the light commercial refrigeration market. Operating under Cubigel Compressors® and located in Barcelona, the company exports more than 90% of its production and employs more than 400 people. The company focuses on product innovation strategy with a strong R&D team, enhanced know-how and more than 50 years of experience in providing a broad range of solutions to the commercial refrigeration industry. Cubigel Compressors® offers a wide range of compressors covering from 2.4cc up to 34cc working with most refrigerant gases, voltages and for any type of application.

# Cubigel Compressors



| PART NUMBER  | COMPRESSOR MODEL NUMBER | APPLICATION | NOMINAL HP | DISPLACEMENT | POWER SUPPLY     | LRA  | COOLING TYPE | EXPANSION DEVICE | OIL TYPE * | OIL CHARGE cc | CONNECTION TYPE | DISCHARGE SIZE mm | SUCTION SIZE mm | WEIGHT (KG) | HEIGHT (MM) | CAPACITY HBP -5c | CAPACITY HBP -25c |
|--------------|-------------------------|-------------|------------|--------------|------------------|------|--------------|------------------|------------|---------------|-----------------|-------------------|-----------------|-------------|-------------|------------------|-------------------|
| <b>R134a</b> |                         |             |            |              |                  |      |              |                  |            |               |                 |                   |                 |             |             |                  |                   |
| GP14TB       | GP14TB                  | HBP         | 3/8        | 14.17        | 220-240V 50Hz ~1 | 18   | F            | C-V              | ISO        | 400 cm³       | Tubed           | 6.5               | 8.1             | 11.29       | 217         | 855.968          | -                 |
| GP16TB       | GP16TB                  | HBP         | 3/8        | 16.15        | 220-240V 50Hz ~1 | 20   | F            | C-V              | ISO        | 400 cm³       | Tubed           | 6.5               | 8.1             | 11.93       | 217         | 1021.114         | -                 |
| GL45TB       | GL45TB                  | H/MBP       | 1/6        | 4.56         | 220-240V 50Hz ~1 | 6.50 | F            | C-V              | ISO        | 260 cm³       | Tubed           | 4.9               | 6.5             | 8.04        | 181.5       | 296.565          | -                 |
| GL60TB       | GL60TB                  | H/MBP       | 1/5        | 5.68         | 220-240V 50Hz ~1 | 8.3  | F            | C-V              | ISO        | 260 cm³       | Tubed           | 4.9               | 6.5             | 8.65        | 181.5       | 368.671          | -                 |
| GL80TB       | GL80TB                  | H/MBP       | 1/5        | 7.57         | 220-240V 50Hz ~1 | 9.8  | F            | C-V              | ISO        | 295 cm³       | Tubed           | 4.9               | 6.5             | 9.19        | 192.1       | 474.504          | -                 |
| GL90TB       | GL90TB                  | H/MBP       | 1/4        | 8.85         | 220-240V 50Hz ~1 | 12   | F            | C-V              | ISO        | 295 cm³       | Tubed           | 4.9               | 6.5             | 9.66        | 192.1       | 564.055          | -                 |
| GS26TB-T     | GS26TB-T                | H/MBP       | 3/4        | 25.93        | 220-240V 50Hz ~1 | 32   | F            | C-V              | ISO        | 887 cm³       | Tubed           | 8                 | 9.7             | 22.70       | 271         | 1764.271         | -                 |
| GS34TB-T     | GS34TB-T                | H/MBP       | 1          | 34.42        | 220-240V 50Hz ~1 | 37   | F            | C-V              | ISO        | 887 cm³       | Tubed           | 8                 | 9.7             | 21.37       | 282         | 2503.939         | -                 |
| GX18TB       | GX18TB                  | H/MBP       | 1/2        | 18.40        | 220-240V 50Hz ~1 | 24   | F            | C-V              | ISO        | 500 cm³       | Tubed           | 6.5               | 8.1             | 15.44       | 224         | 1181.608         | -                 |
| GX21TB       | GX21TB                  | H/MBP       | 5/8        | 20.72        | 220-240V 50Hz ~1 | 26   | F            | C-V              | ISO        | 500 cm³       | Tubed           | 6.5               | 9.7             | 16.13       | 230         | 1322.331         | -                 |
| GX23TB       | GX23TB                  | H/MBP       | 5/8        | 23.20        | 220-240V 50Hz ~1 | 26   | F            | C-V              | ISO        | 500 cm³       | Tubed           | 6.5               | 9.7             | 16.33       | 230         | 1322.331         | -                 |
| GL60AAa      | GL60AAa                 | LBP         | 1/6        | 5.98         | 220-240V 50Hz ~1 | 9    | S            | C                | ISO        | 205 cm³       | Tubed           | 4.9               | 6.5             | 8.45        | 181.5       | -                | 147.701           |
| GL80AAa      | GL80AAa                 | LBP         | 1/5        | 8.10         | 220-240V 50Hz ~1 | 11.5 | S            | C                | ISO        | 290 cm³       | Tubed           | 4.9               | 6.5             | 8.98        | 192.1       | -                | 196.547           |
| GL90AAa      | GL90AAa                 | LBP         | 1/4        | 9.09         | 220-240V 50Hz ~1 | 12.8 | S            | C                | ISO        | 345 cm³       | Tubed           | 4.9               | 6.5             | 9.39        | 192.1       | -                | 219.807           |
| <b>R404A</b> |                         |             |            |              |                  |      |              |                  |            |               |                 |                   |                 |             |             |                  |                   |
| MPT14RA      | MPT14RA                 | HBP         | 1/2        | 14.32        | 220-240V 50Hz ~1 | 21   | F            | C-V              | ISO        | 400 cm³       | Tubed           | 6.5               | 8.1             | 12.25       | 217         | 1663.09          | -                 |
| MS34TB-T     | MS34TB-T                | HBP         | 1.625      | 34.42        | 220-240V 50Hz ~1 | 41   | F            | C-V              | ISO        | 887 cm³       | Tubed           | 8                 | 9.7             | 22.21       | 282         | 4135.628         | -                 |
| ML45TB       | ML45TB                  | H/MBP       | 1/5        | 4.56         | 220-240V 50Hz ~1 | 9.7  | F            | C-V              | ISO        | 295 cm³       | Tubed           | 4.9               | 6.5             | 9.10        | 192.1       | 521.024          | -                 |
| ML60TB       | ML60TB                  | H/MBP       | 1/4        | 5.68         | 220-240V 50Hz ~1 | 10.6 | F            | C-V              | ISO        | 295 cm³       | Tubed           | 4.9               | 6.5             | 9.29        | 192.1       | 629.183          | -                 |
| ML80TB       | ML80TB                  | H/MBP       | 3/8        | 7.57         | 220-240V 50Hz ~1 | 12.8 | F            | C-V              | ISO        | 395 cm³       | Tubed           | 4.9               | 6.5             | 9.68        | 204.5       | 871.087          | -                 |
| ML90TB       | ML90TB                  | H/MBP       | 3/8        | 8.85         | 220-240V 50Hz ~1 | 16   | F            | C-V              | ISO        | 395 cm³       | Tubed           | 4.9               | 6.5             | 12.31       | 204.5       | 1025.766         | -                 |
| MS26TB-T     | MS26TB-T                | H/MBP       | 1.375      | 25.93        | 220-240V 50Hz ~1 | 38   | F            | C-V              | ISO        | 887 cm³       | Tubed           | 8                 | 9.7             | 22.12       | 282         | 3105.21          | -                 |
| MX18TBa      | MX18TBa                 | H/MBP       | 7/8        | 18.40        | 220-240V 50Hz ~1 | 34.5 | F            | C-V              | ISO        | 500 cm³       | Tubed           | 8                 | 9.7             | 16.33       | 230         | 2075.955         | -                 |
| MX21TBa      | MX21TBa                 | H/MBP       | 1          | 20.72        | 220-240V 50Hz ~1 | 37   | F            | C-V              | ISO        | 500 cm³       | Tubed           | 6.5               | 9.7             | 16.52       | 230         | 2331.815         | -                 |
| ML90FB       | ML90FB                  | LBP         | 1/3        | 8.85         | 220-240V 50Hz ~1 | 13   | F            | C-V              | ISO        | 345 cm³       | Tubed           | 4.9               | 6.5             | 9.59        | 192.1       | -                | 447.755           |
| MP14FB       | MP14FB                  | LBP         | 1/2        | 14.17        | 220-240V 50Hz ~1 | 17.5 | F            | C-V              | ISO        | 400 cm³       | Tubed           | 6.5               | 8.1             | 12.07       | 217         | -                | 661.747           |
| MS26FB-T     | MS26FB-T                | LBP         | 3/4        | 25.93        | 220-240V 50Hz ~1 | 31.5 | F            | C-V              | ISO        | 887 cm³       | Tubed           | 8                 | 9.7             | 21.63       | 282         | -                | 1325.82           |
| MS34FB-T     | MS34FB-T                | LBP         | 1          | 34.42        | 220-240V 50Hz ~1 | 39   | F            | C-V              | ISO        | 887 cm³       | Tubed           | 8                 | 9.7             | 22.13       | 282         | -                | 1729.381          |
| MX23FBa      | MX23FBa                 | LBP         | 7/8        | 23.20        | 220-240V 50Hz ~1 | 30   | F            | C-V              | ISO        | 650 cm³       | Tubed           | 6.5               | 9.7             | 21.63       | 230         | -                | 1111.828          |

## Expansion Device:

C = Capillary  
TEV = Expansion Device  
C/TEV = Capillary or Expansion Device

## Connection Types:

CT = All Copper Tubes  
RCT = Rotolock Suction Valve, Rest Copper Tubes  
R = Rotolock/Valve Only

## Cooling Type

F = Fan  
SC = Suction Cooled  
ST = Static Cooling

\* Oil Type: ISO VG 32 ESTER

# Compressor Models



L Range



P Range



S Range



X Range



**If you can't find the exact model you need please contact your local branch. Details on reverse.**

# Compressor Model Nomenclature

model

**G L Y 6 0 R A a**

**G L Y 6 0 R A a**

Indicates refrigerant.

**G** = R134a      **N** = R290  
**M** = R404A/R507      **H** = R600a

Indicates compressor range (overall design).

**D** = 2.4 - 4.0cm<sup>3</sup>      **L** = 4.0 - 10.7cm<sup>3</sup>      **X** = 16.0 - 23.0cm<sup>3</sup>  
**U** = 5.5 - 10.6cm<sup>3</sup>      **P** = 12.0 - 18.0cm<sup>3</sup>      **S** = 18.0 - 34.0cm<sup>3</sup>

Indicates energy efficiency level. Not appearing in case of Standard efficiency.

**M** = Medium  
**Y** = High Efficiency - Run Capacitor Optional RSIR/RSCR or CSIR/CSR  
**T** = Top Efficiency - Run Capacitor RSCR or CSR

Indicates approximate compressor displacement under the following rule:

**D / U / L** ranges      10 times the approx. displacement in cm<sup>3</sup>/rev (GL90TB -> approx 9 cm<sup>3</sup>/rev)  
**P / X / S** ranges      The approx. displacement in cm<sup>3</sup>/rev (MX21TG -> approx 21 cm<sup>3</sup>/rev)

Indicates the starting torque, application type and compressor cooling:

|                            |                                            |                                     |
|----------------------------|--------------------------------------------|-------------------------------------|
| <b>A</b> = LBP - LST - S   | <b>G</b> = LBP - LST - S (RSCR only)       | <b>T</b> = HMBP - HST - FAN         |
| <b>B</b> = LBP - LST - OC  | <b>L</b> = LBP - HST - Fan (Current Relay) | (CSR versions with Potential Relay) |
| <b>C</b> = LBP - LST - FAN | <b>M</b> = HMBP - LST/HST - S/FAN          | <b>U</b> = AC - LST/HST - FAN       |
| <b>D</b> = LBP - HST - S   | <b>N</b> = MBP - LST/HST - S/FAN           | <b>Y</b> = VHBP - HST - Fan         |
| <b>E</b> = LBP - HST - OC  | <b>P</b> = HMBP - LST - FAN                |                                     |
| <b>F</b> = LBP - HST - FAN | <b>R</b> = HMBP - HST - FAN                |                                     |
|                            | (CSR versions with Current Relay)          |                                     |

Indicates the rated voltage:

|                                       |                                             |                                     |
|---------------------------------------|---------------------------------------------|-------------------------------------|
| <b>A</b> = 220-240V 50Hz              | <b>G</b> = 200-220V 50Hz/220-230V 60Hz      | <b>T</b> = 200-220V 50Hz            |
| <b>B</b> = 220-240V 50Hz (old ranges) | <b>J</b> = 100V 50/60Hz                     | <b>U</b> = 208-230V 60Hz            |
| <b>C</b> = 100V 50/60Hz (old ranges)  | <b>M</b> = 115-127V 60Hz                    | <b>3</b> = 3 phase 400-440V 50/60Hz |
| <b>D</b> = 115V 60Hz                  | <b>L/N</b> = 200-220V 50Hz or 200-240V 50Hz |                                     |
| <b>E</b> = 115V 60Hz (old ranges)     | 220-230V 60Hz (50°C)                        |                                     |
| <b>F</b> = 208-230V 60Hz (old ranges) | <b>R</b> = 115-127V 60Hz (old ranges)       |                                     |

Indicates a variant of the model that only affects the configuration of electrical components. Its meaning may vary from model to model. It does not appear on the compressor label but it is used for ordering, invoicing and HCB internal processes.

## Examples:

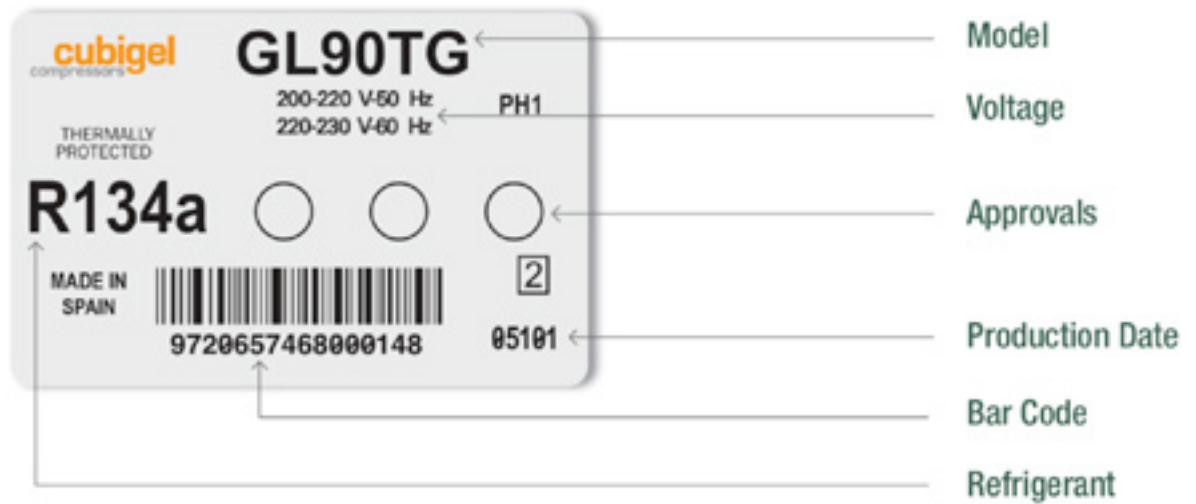
1. In high-efficiency compressors ("Y" series, i.e.: GPY12LA or MLY80RD), the letters "a" or "b" may indicate the type of electrical connection corresponding to the electrical accessories supplied with the compressor.

**a** = no use of running capacitor  
**b** = use of running capacitor

2. In HMBP models of D range, R134a refrigerant (i.e.: GD30MB or GD40MB) it indicates the electrical accessories corresponding to the following situations:

**a** = static cooling and without starting capacitor  
**b** = fan cooling and without starting capacitor  
**c** = static cooling and with starting capacitor  
**d** = fan cooling and with starting capacitor

# Identification Labels and Approvals



# ***W**laneurop®*

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*Reciprocating Compressors*

*Danfoss*

ENGINEERING  
TOMORROW





## Danfoss Maneurop Reciprocating Compressors

Reciprocating compressors for refrigeration applications in medium and high temperatures with refrigerants R407A, R407C, R407F, R134a and R404A/R507A. Danfoss reciprocating compressors are suitable for parallel mounting (racks).

MTZ: medium and high evaporating temperature (R407A, R407C, R407F, R134a, R404A/R507A).

NTZ: low evaporating temperature extended envelope (R452A, R404A/R507A).

***Maneurop***<sup>®</sup>  
*Reciprocating Compressors*

# Maneurop Compressors

**Maneurop®**  
Reciprocating Compressors

| PART NUMBER                                                          | COMPRESSOR MODEL NUMBER | APPLICATION | NOMINAL HP | DISPLACEMENT          | POWER SUPPLY | LRA   | COOLING TYPE | EXPANSION DEVICE | OIL TYPE | OIL CHARGE cc        | CONNECTION TYPE | DISCHARGE SIZE mm | SUCTION SIZE mm | WEIGHT (KG) | HEIGHT (MM) | NOMINAL CAPACITY -5c | NOMINAL CAPACITY -25c |
|----------------------------------------------------------------------|-------------------------|-------------|------------|-----------------------|--------------|-------|--------------|------------------|----------|----------------------|-----------------|-------------------|-----------------|-------------|-------------|----------------------|-----------------------|
| R134a; R404A; R407A; R407C; R407F; R507A; R448A; R449A; R452A; R513A |                         |             |            |                       |              |       |              |                  |          |                      |                 |                   |                 |             |             |                      |                       |
| 400150                                                               | MTZ18-5VI               | H/MBP/AC    | 1.1/2      | 30.23cm <sup>3</sup>  | 230/50/1     | 40 A  | SC           | TEV              | 175PZ    | 950 cm <sup>3</sup>  | R               | 1 in              | 1 in            | 22.00       | 333         | 2723                 | -                     |
| 400151                                                               | MTZ18-4VI               | H/MBP/AC    | 1.1/2      | 30.23cm <sup>3</sup>  | 440/50-60/3  | 20 A  | SC           | TEV              | 175PZ    | 950 cm <sup>3</sup>  | R               | 1 in              | 1 in            | 22.00       | 333         | 2723                 | -                     |
| 400152                                                               | MTZ22-5VI               | H/MBP/AC    | 1.7/8      | 38.12cm <sup>3</sup>  | 230/50/1     | 41 A  | SC           | TEV              | 175PZ    | 950 cm <sup>3</sup>  | R               | 1 in              | 1 in            | 23.00       | 333         | 3695                 | -                     |
| 400153                                                               | MTZ22-4VI               | H/MBP/AC    | 1.7/8      | 38.12cm <sup>3</sup>  | 440/50-60/3  | 20 A  | SC           | TEV              | 175PZ    | 950 cm <sup>3</sup>  | R               | 1 in              | 1 in            | 23.00       | 333         | 3695                 | -                     |
| 400154                                                               | MTZ28-5VI               | H/MBP/AC    | 2.1/3      | 48.06cm <sup>3</sup>  | 230/50/1     | 51 A  | SC           | TEV              | 175PZ    | 950 cm <sup>3</sup>  | R               | 1 in              | 1 in            | 23.00       | 333         | 4561                 | -                     |
| 400155                                                               | MTZ28-4VI               | H/MBP/AC    | 2.1/3      | 48.06cm <sup>3</sup>  | 440/50-60/3  | 29 A  | SC           | TEV              | 175PZ    | 950 cm <sup>3</sup>  | R               | 1 in              | 1 in            | 23.00       | 333         | 4561                 | -                     |
| 400156                                                               | MTZ32-5VI               | H/MBP/AC    | 2.2/3      | 53.86cm <sup>3</sup>  | 230/50/1     | 70 A  | SC           | TEV              | 175PZ    | 950 cm <sup>3</sup>  | R               | 1 in              | 1 1/4 in        | 25.00       | 356         | 5236                 | -                     |
| 400157                                                               | MTZ32-4VI               | H/MBP/AC    | 2.2/3      | 53.86cm <sup>3</sup>  | 440/50-60/3  | 25 A  | SC           | TEV              | 175PZ    | 950 cm <sup>3</sup>  | R               | 1 in              | 1 1/4 in        | 25.00       | 356         | 5236                 | -                     |
| 400158                                                               | MTZ36-5VI               | H/MBP/AC    | 3/1        | 60.47cm <sup>3</sup>  | 230/50/1     | 60 A  | SC           | TEV              | 175PZ    | 950 cm <sup>3</sup>  | R               | 1 in              | 1 1/4 in        | 26.00       | 356         | 6083                 | -                     |
| 400159                                                               | MTZ36-4VI               | H/MBP/AC    | 3/1        | 60.47cm <sup>3</sup>  | 440/50-60/3  | 38 A  | SC           | TEV              | 175PZ    | 950 cm <sup>3</sup>  | R               | 1 in              | 1 1/4 in        | 26.00       | 356         | 6083                 | -                     |
| 400160                                                               | MTZ40-4VI               | H/MBP/AC    | 3.1/3      | 67.89cm <sup>3</sup>  | 440/50-60/3  | 38 A  | SC           | TEV              | 175PZ    | 950 cm <sup>3</sup>  | R               | 1 in              | 1 1/4 in        | 24.30       | 356         | 6992                 | -                     |
| 400161                                                               | MTZ44-4VI               | H/MBP/AC    | 3.2/3      | 76.22cm <sup>3</sup>  | 440/50-60/3  | 47 A  | SC           | TEV              | 175PZ    | 1800 cm <sup>3</sup> | R               | 1 1/4 in          | 1 3/4 in        | 36.00       | 413         | 7313                 | -                     |
| 400162                                                               | MTZ50-4VI               | H/MBP/AC    | 4.1/8      | 85.64cm <sup>3</sup>  | 440/50-60/3  | 47 A  | SC           | TEV              | 175PZ    | 1800 cm <sup>3</sup> | R               | 1 1/4 in          | 1 3/4 in        | 33.30       | 413         | 8337                 | -                     |
| 400163                                                               | MTZ56-4VI               | H/MBP/AC    | 4.2/3      | 96.13cm <sup>3</sup>  | 440/50-60/3  | 64 A  | SC           | TEV              | 175PZ    | 1800 cm <sup>3</sup> | R               | 1 1/4 in          | 1 3/4 in        | 38.00       | 413         | 9266                 | -                     |
| 400164                                                               | MTZ64-4VI               | H/MBP/AC    | 5.1/3      | 107.71cm <sup>3</sup> | 440/50-60/3  | 64 A  | SC           | TEV              | 175PZ    | 1800 cm <sup>3</sup> | R               | 1 1/4 in          | 1 3/4 in        | 39.00       | 413         | 10620                | -                     |
| 400165                                                               | MTZ72-4VI               | H/MBP/AC    | 6/1        | 120.94cm <sup>3</sup> | 440/50-60/3  | 80 A  | SC           | TEV              | 175PZ    | 1800 cm <sup>3</sup> | R               | 1 1/4 in          | 1 3/4 in        | 42.00       | 413         | 12230                | -                     |
| 400166                                                               | MTZ80-4VI               | H/MBP/AC    | 6.2/3      | 135.78cm <sup>3</sup> | 440/50-60/3  | 80 A  | SC           | TEV              | 175PZ    | 1800 cm <sup>3</sup> | R               | 1 1/4 in          | 1 3/4 in        | 42.00       | 413         | 14250                | -                     |
| 400167                                                               | MTZ100-4VI              | H/MBP/AC    | 8.1/3      | 171.26cm <sup>3</sup> | 440/50-60/3  | 90 A  | SC           | TEV              | 175PZ    | 3900 cm <sup>3</sup> | R               | 1 1/4 in          | 1 3/4 in        | 63.00       | 519         | 16460                | -                     |
| 400168                                                               | MTZ125-4VI              | H/MBP/AC    | 10/1       | 215.44cm <sup>3</sup> | 440/50-60/3  | 105 A | SC           | TEV              | 175PZ    | 3900 cm <sup>3</sup> | R               | 1 1/4 in          | 1 3/4 in        | 67.00       | 519         | 22150                | -                     |
| 400169                                                               | MTZ144-4VI              | H/MBP/AC    | 12/1       | 241.87cm <sup>3</sup> | 440/50-60/3  | 130 A | SC           | TEV              | 175PZ    | 3900 cm <sup>3</sup> | R               | 1 1/4 in          | 1 3/4 in        | 69.00       | 540         | 24860                | -                     |
| 400170                                                               | MTZ160-4VI              | H/MBP/AC    |            | 271.55cm <sup>3</sup> | 440/50-60/3  | 130 A | SC           | TEV              | 175PZ    | 3900 cm <sup>3</sup> | R               | 1 1/4 in          | 1 3/4 in        | 71.00       | 540         | 28500                | -                     |

## Expansion Device:

C = Capillary  
TEV = Expansion Device  
C/TEV = Capillary or Expansion Device

## Connection Types:

CT = All Copper Tubes  
RCT = Rotolock Suction Valve, Rest Copper Tubes  
R = Rotolock/Valve Only

## Cooling Type

F = Fan  
SC = Suction Cooled  
ST = Static Cooling

# Compressor Models



MTZ 4 Cylinder



MTZ 2 Cylinder



MTZ 1CYL

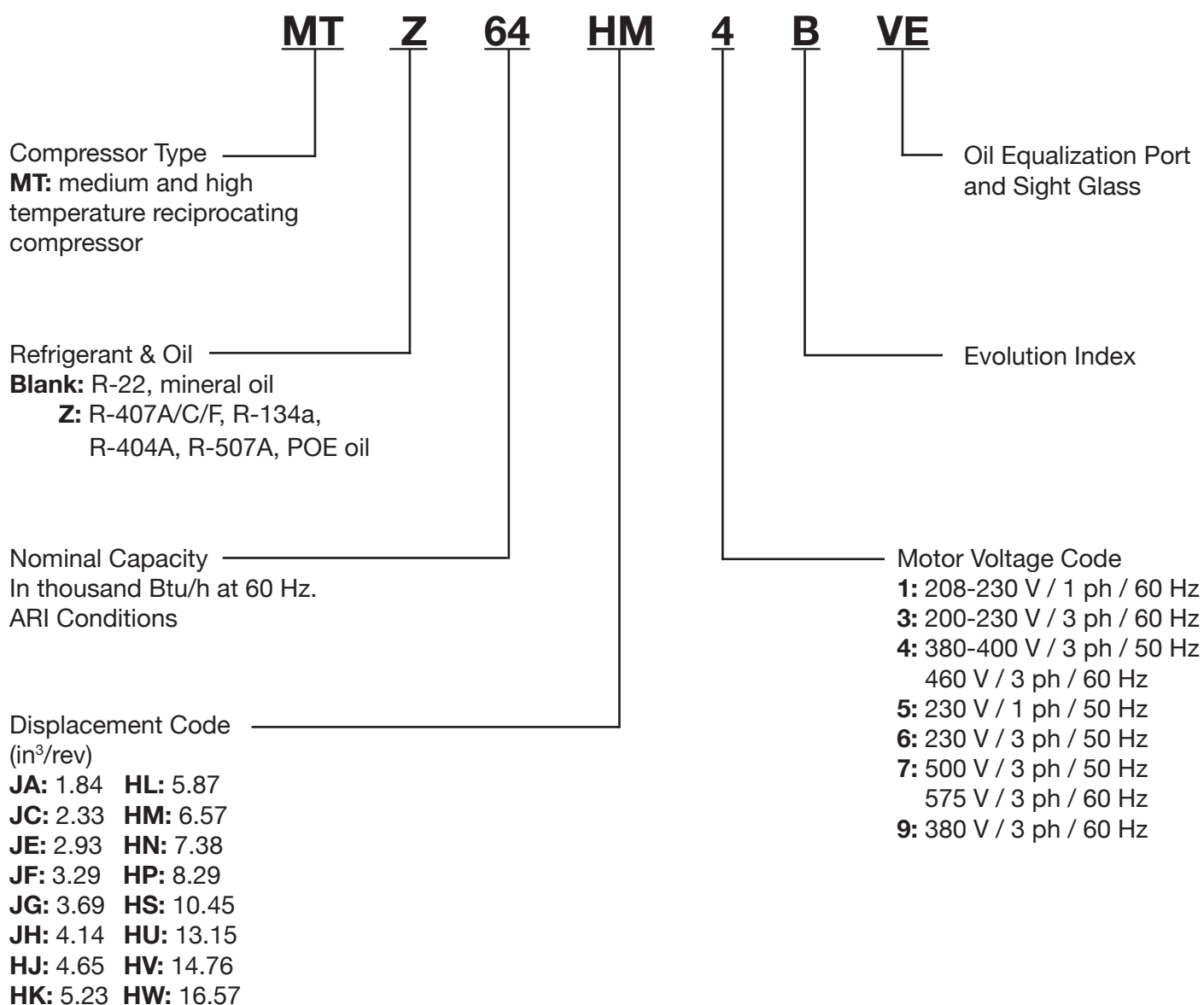


If you can't find the exact model you need please contact your local branch. Details on reverse.

# Compressor Model Nomenclature

## Nomenclature/Model No. | MT/MTZ - Medium/High Temperature Reciprocating Compressors

Nomenclature / Model No.



## Notes

[illegible]

# CO<sub>2</sub> solutions available from dean & wood

SCM Frigo introduce their new futuristic and innovative range of plug and play CO<sub>2</sub> refrigeration condensing units. The Cubo<sub>2</sub> Smart inverter driven condensing units range from 0.6kw – 8kw in medium temperature and 0.7kw– 7kw in low temperature with a 25% - 100% capacity variation.



**Belfast**

0289 066 49 35

**Birmingham**

0121 359 4404

**Bristol**

0117 971 7413

**Cambridge**

01223 416 695

**Canning Town**

020 7474 3690

**Glasgow**

0141 425 1515

**Greenford**

020 8833 7157

**Leatherhead**

0137 238 9220

**Leeds**

0113 201 2800

**Manchester**

0161 855 3790

**Newcastle**

0191 272 0434

**Norwich**

0160 378 8960

**Nottingham**

0115 946 3678

**Preston**

01772 629 346

**Southampton**

0238 065 3078

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