

ENGINEERING  
TOMORROW

*Danfoss*

OPTYMA™ Condensing Units

# Lighter and more compact

Fast installation and  
easy maintenance

R22, R134a, R404A/R507, R448A/R449A, R452A, R513A - 50Hz



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**Optyma™**  
by Danfoss



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### Reduced refrigerant charge

Condensing units with a micro-channel condenser use up to 30% less refrigerant charge compared to units with a fin-tube condenser, which means savings for the customer and higher efficiency.



### Lightweight condensing units

The new condensing units with micro-channel condenser are up to 15kg lighter than conventional units.



### Quicker installation

Reduced time spent on charging refrigerant due to the smaller amount of refrigerant used.

The vacuum time is also reduced, due to the fact of having lower inner volume required by the micro-channel condenser when compared to fin&tube design.

Quicker installation increases the installer's productivity on daily use.

The lighter weight of the unit also helps on the installation handling and productivity increase.



### Easier maintenance

The units are equipped with suction and discharge valves, which make carrying out maintenance quick and easy.

The micro-channel condensers are easier and quicker to clean than fin-tube condensers.

Both factors mean that preventive maintenance on these units can be carried out up to 50% faster than on traditional units.

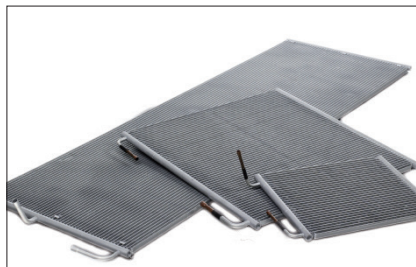
## Learn more about our different solutions

### Crankcase heater



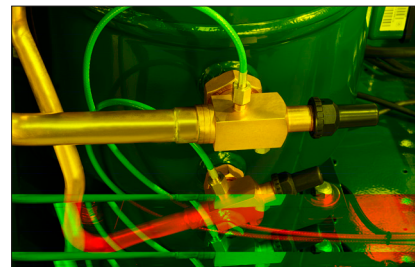
- The crankcase heater reduces the risk of compressor breakdown due to flooded start by up to 23.5%, which extends the service life of the condensing unit.

### Micro-channel condenser



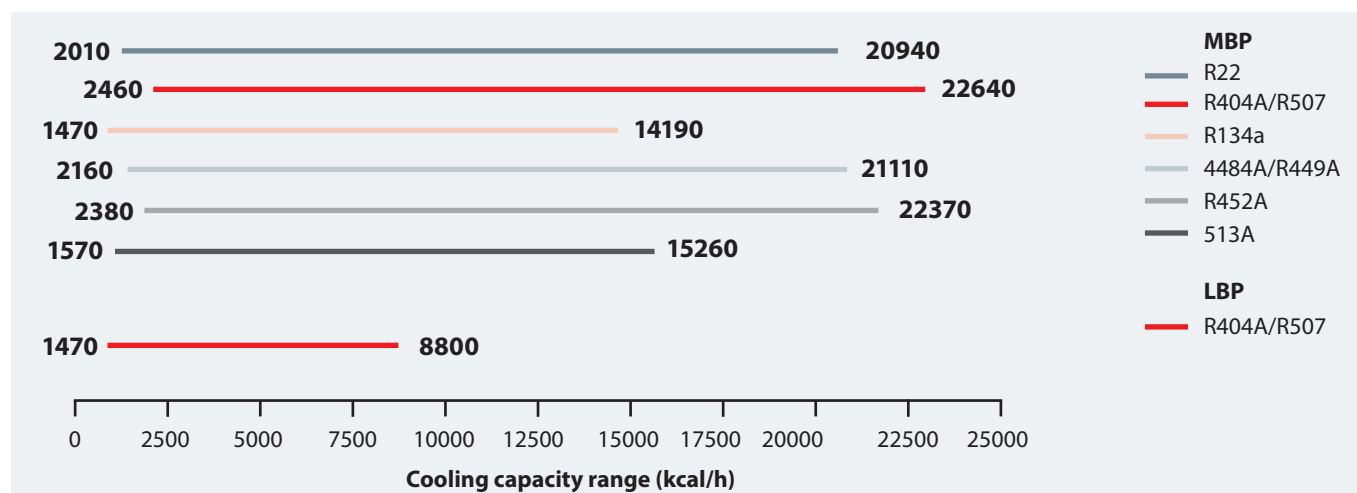
- The micro-channel condenser has a smaller internal volume, which uses less refrigerant charge and is more efficient, reducing the time spent on charging and emptying the unit. Cleaning and maintenance work is made simpler and quicker.

### Rotalock valves



- The Rotalock valves on the suction and discharge lines in the condensing unit allow for the compressor to be replaced more quickly and reduce emptying time, which streamlines maintenance work.

## Nominal capacity ranges (Kcal/h)



MBP Rated conditions, Saturated suction temperature -10°C. Ambient air temperature +32°C. Superheat 18K. Subcooling 3K  
 LBP Rated conditions, Saturated suction temperature -30°C. Ambient air temperature +32°C. Superheat 18K. Subcooling 3K

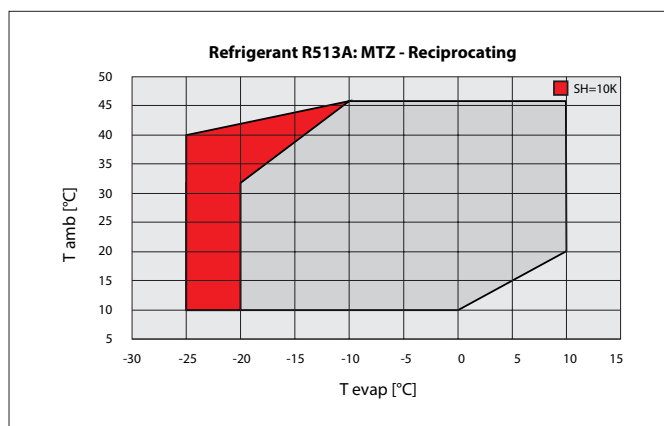
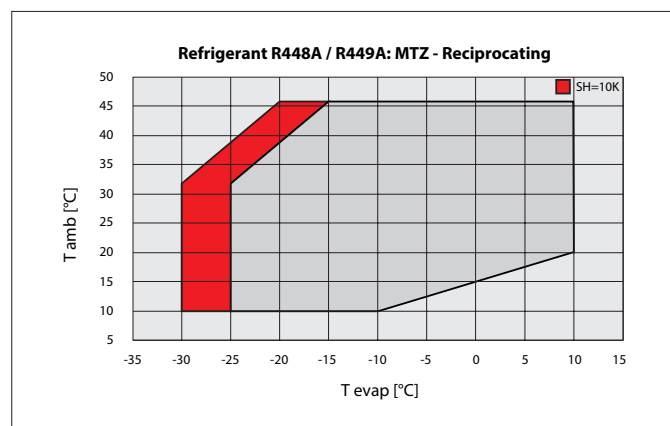
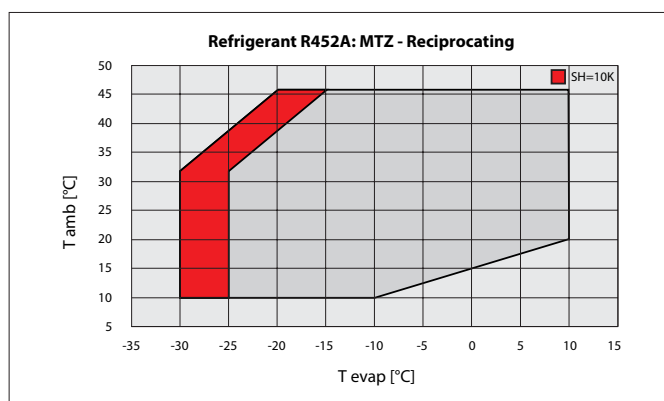
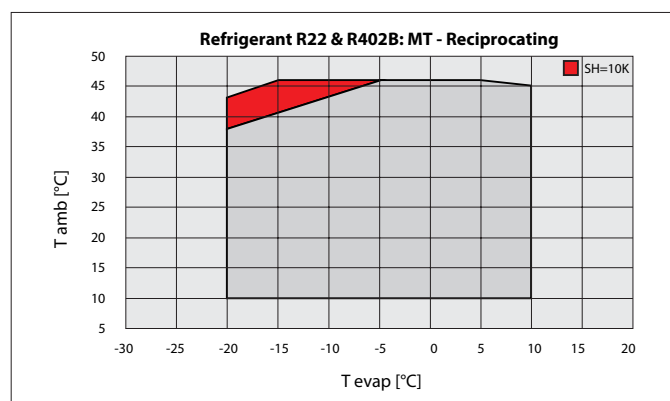
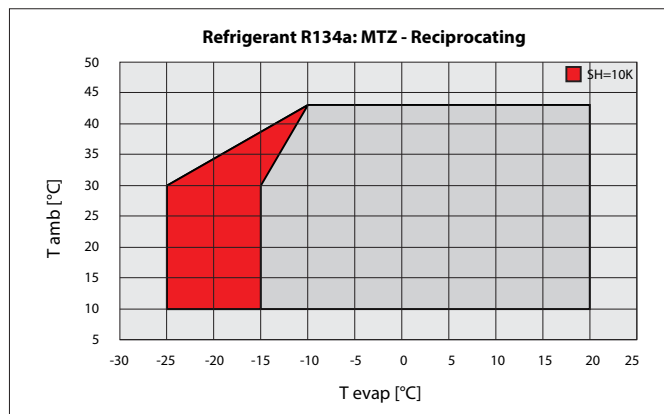
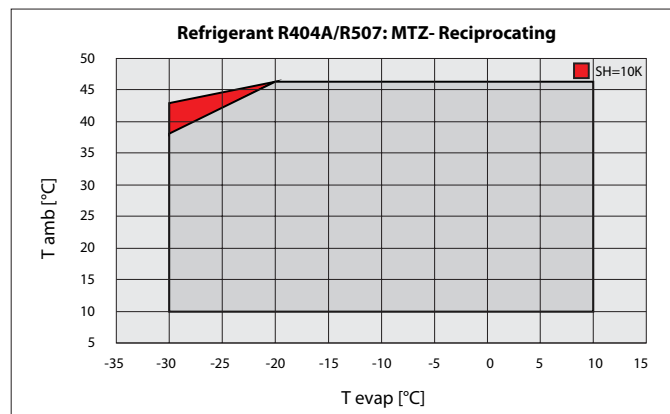
| T Evaporation [°C] | Min | Max |
|--------------------|-----|-----|
| MBP R22            | -20 | 10  |
| MBP R404A/R507     | -30 | 10  |
| MBP R134a          | -10 | 20  |
| MBP R448A/R449A    | -25 | 10  |
| MBP R452A          | -20 | 10  |
| MBP 513A           | -15 | 10  |
| LBP R404A/R507     | -40 | -10 |

Limits depends on the selected unit

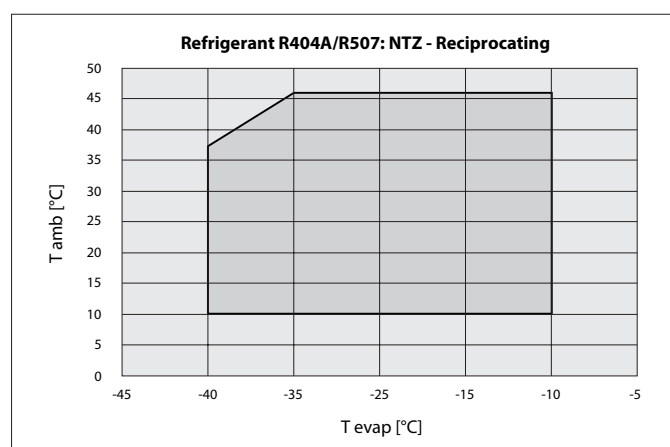


For more information, please refer to Coolselector® at [coolselector.danfoss.com](https://coolselector.danfoss.com) or contact Danfoss

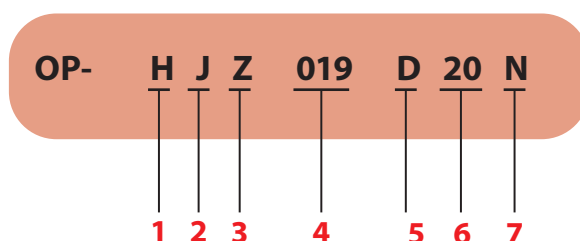
MBP



LBP



## Designation system



|          |                                                                                                                                                       |          |                                                                                                                         |
|----------|-------------------------------------------------------------------------------------------------------------------------------------------------------|----------|-------------------------------------------------------------------------------------------------------------------------|
| <b>1</b> | <b>Application:</b><br>H = HBP / MBP<br>L = LBP                                                                                                       | <b>4</b> | <b>Compressor type and model:</b><br>MT / MTZ Series for hermetic MBP<br>NTZ series for hermetic LBP                    |
| <b>2</b> | <b>Design:</b><br>J = Condensing unit with hermetic compressor, one fan<br>G = Condensing unit with hermetic compressor, two fans                     | <b>5</b> | <b>Platform:</b><br>D = Micro-channel technology                                                                        |
| <b>3</b> | <b>Compressor Oil:</b><br>M = Mineral oil 160P<br>Reciprocating Compressor MT<br>Z = Polyolester oil (POE) 175PZ<br>Reciprocating Compressor MTZ /NTZ | <b>6</b> | <b>Product configuration:</b><br>20 / 39 / 49 = See table below                                                         |
|          |                                                                                                                                                       | <b>7</b> | <b>Electrical code:</b><br>G = 230V 1Ph 50Hz Comp. & 230V 1Ph Fan Motor<br>E = 400V 3Ph 50Hz Comp. & 230V 1Ph Fan Motor |

### Note

The unit can only be used with the refrigerants given in the capacity tables.

## Version - Product configuration

| Application                                                            | MBP |     | LBP |
|------------------------------------------------------------------------|-----|-----|-----|
| Component                                                              | D20 | D39 | D49 |
| Liquid receiver                                                        | X   | X   | X   |
| Filter drier                                                           | X   | X   | X   |
| Sight Glass                                                            | X   | X   | X   |
| Low pressure switch - KPI                                              | X   | X   | X   |
| Cartridge pressure Switch - HP                                         | X   | X   | X   |
| Oil separator                                                          |     |     | X   |
| Suction accumulator                                                    |     |     | X   |
| Crankcase heater                                                       |     |     | X   |
| Rotolock suction and discharge valve                                   | X   | X   | X   |
| Electrical box with terminal block                                     | X   |     |     |
| Electrical box with circuit breaker, phase monitor relay and contactor |     | X   | X   |

### Note

Mounting options D20 and D39 are available for HJ / HG models and mounting option D49 is available for LJZ / LGZ models.

**Mechanical data**

| Application | Consensing Unit | Compressor |                          |                         | Condenser |                    | Fan motor |          |                     | Receiver | Connection      |                | Weight (Kg) |     |     |     |     |     |
|-------------|-----------------|------------|--------------------------|-------------------------|-----------|--------------------|-----------|----------|---------------------|----------|-----------------|----------------|-------------|-----|-----|-----|-----|-----|
|             |                 | Model      | Displacement<br>@2900rpm | Swept<br>Volume         | Type      | Internal<br>Volume | No.       | Diameter | Air<br>Flow         |          | Suction<br>Line | Liquid<br>Line | Gross       |     |     | Net |     |     |
|             |                 |            | (m <sup>3</sup> /h)      | (cm <sup>3</sup> /rev.) |           | (L)                |           | Ø (mm)   | (m <sup>3</sup> /h) | (L)      |                 |                | D20         | D39 | D49 | D20 | D39 | D49 |
| MBP         | HJM(Z)019       | MT(Z)19    | 5.3                      | 30.23                   | D8        | 0,4                | 1         | 350      | 2080                | 4        | 1/2"            | 3/8"           | 62          | 64  | --- | 53  | 55  | --- |
|             | HJM(Z)022       | MT(Z)22    | 6.6                      | 38.12                   | D8        | 0,4                | 1         | 350      | 2080                | 4        | 1/2"            | 3/8"           | 62          | 64  | --- | 53  | 55  | --- |
|             | HJM(Z)028       | MT(Z)28    | 8.4                      | 48.06                   | G8        | 0,5                | 1         | 450      | 4400                | 6        | 1/2"            | 1/2"           | 83          | 85  | --- | 71  | 73  | --- |
|             | HJM(Z)032       | MT(Z)32    | 9.4                      | 53.86                   | G8        | 0,5                | 1         | 450      | 4400                | 8        | 5/8"            | 1/2"           | 85          | 87  | --- | 73  | 75  | --- |
|             | HJM(Z)036       | MT(Z)36    | 10.5                     | 60.47                   | G8        | 0,5                | 1         | 450      | 4400                | 8        | 5/8"            | 1/2"           | 85          | 87  | --- | 73  | 75  | --- |
|             | HJM(Z)040       | MT(Z)40    | 11.8                     | 67.89                   | J8        | 1,3                | 1         | 450      | 5480                | 8        | 5/8"            | 1/2"           | 93          | 95  | --- | 80  | 82  | --- |
|             | HJM(Z)044       | MT(Z)50    | 13.3                     | 76.22                   | J8        | 1,3                | 1         | 450      | 5480                | 8        | 7/8"            | 1/2"           | 104         | 107 | --- | 91  | 94  | --- |
|             | HJM(Z)050       | MT(Z)50    | 14.9                     | 85.64                   | J8        | 1,3                | 1         | 450      | 5480                | 8        | 7/8"            | 1/2"           | 104         | 107 | --- | 91  | 94  | --- |
|             | HGM(Z)56        | MT(Z)56    | 16.7                     | 96.13                   | N8        | 1,6                | 1         | 450      | 5480                | 8        | 7/8"            | 1/2"           | 104         | 140 | --- | 91  | 94  | --- |
|             | HGM(Z)64        | MT(Z)64    | 18.7                     | 107.71                  | N8        | 1,6                | 1         | 450      | 5480                | 8        | 7/8"            | 1/2"           | 104         | 140 | --- | 91  | 94  | --- |
|             | HGM(Z)072       | MT(Z)80    | 21                       | 120.94                  | N8        | 1,6                | 2         | 450      | 8800                | 14       | 1 1/8"          | 5/8"           | 140         | 146 | --- | 125 | 128 | --- |
|             | HGM(Z)080       | MT(Z)80    | 23.6                     | 135.78                  | N8        | 1,6                | 2         | 450      | 8800                | 14       | 1 1/8"          | 5/8"           | 143         | 146 | --- | 128 | 131 | --- |
|             | HGM(Z)100       | MT(Z)100   | 29.8                     | 171.26                  | N8        | 1,6                | 2         | 450      | 8800                | 14       | 1 1/8"          | 5/8"           | 159         | 162 | --- | 154 | 147 | --- |
|             | HGM(Z)125       | MT(Z)125   | 37.5                     | 215.44                  | Q8        | 2,5                | 2         | 600      | 13980               | 18       | 1 1/8"          | 5/8"           | 243         | 247 | --- | 225 | 229 | --- |
|             | HGM(Z)144       | MT(Z)160   | 42.1                     | 241.87                  | Q8        | 2,5                | 2         | 600      | 13980               | 18       | 1 1/8"          | 5/8"           | 248         | 252 | --- | 230 | 234 | --- |
|             | HGM(Z)160       | MT(Z)160   | 47.3                     | 271.55                  | Q8        | 2,5                | 2         | 600      | 13980               | 18       | 1 1/8"          | 5/8"           | 248         | 252 | --- | 230 | 234 | --- |
| LBP         | LJZ048          | NTZ048     | 8.3                      | 48                      | D8        | 0,4                | 1         | 350      | 2400                | 4        | 1/2"            | 3/8"           | ---         | --- | 69  | --- | --- | 60  |
|             | LJZ068          | NTZ068     | 11.8                     | 68                      | D8        | 0,4                | 1         | 350      | 2400                | 4        | 1/2"            | 3/8"           | ---         | --- | 69  | --- | --- | 60  |
|             | LJZ096          | NTZ096     | 16.7                     | 96                      | G8        | 1,3                | 1         | 450      | 6300                | 8        | 7/8"            | 1/2"           | ---         | --- | 104 | --- | --- | 91  |
|             | LJZ108          | NTZ108     | 18.8                     | 108                     | G8        | 1,3                | 1         | 450      | 6300                | 8        | 7/8"            | 1/2"           | ---         | --- | 104 | --- | --- | 91  |
|             | LJZ136          | NTZ136     | 23.7                     | 136                     | J8        | 1,3                | 1         | 450      | 6300                | 8        | 7/8"            | 1/2"           | ---         | --- | 115 | --- | --- | 102 |
|             | LGZ215          | NTZ215     | 37.4                     | 215                     | N8        | 1,6                | 2         | 450      | 8800                | 14       | 1 1/8"          | 5/8"           | ---         | --- | 171 | --- | --- | 156 |
|             | LGZ271          | NTZ271     | 47.1                     | 271                     | N8        | 1,6                | 2         | 450      | 8800                | 14       | 1 1/8"          | 5/8"           | ---         | --- | 171 | --- | --- | 156 |

**Electrical data**

| Application | Condensing Unit |                           |      |     |                           |      |     | Compressor                |      |     |                           |      |      | Fan motor |                  |           |
|-------------|-----------------|---------------------------|------|-----|---------------------------|------|-----|---------------------------|------|-----|---------------------------|------|------|-----------|------------------|-----------|
|             | Model           | 230V 1Ph 50Hz<br>(G code) |      |     | 400V 3Ph 50Hz<br>(E code) |      |     | 230V 1Ph 50Hz<br>(5 code) |      |     | 400V 3Ph 50Hz<br>(4 code) |      |      | No.       | 220V 1Ph 50-60Hz |           |
|             |                 | LRA                       | RLA  | MCA | LRA                       | RLA  | MCA | LRA                       | RLA  | MCA | LRA                       | RLA  | MCA  |           | Amper (FLA)      | Power (W) |
| MBP         | HJM(Z)019       | 44                        | 7.9  | 11  | 24                        | 4.3  | 6   | 40                        | 7.1  | 10  | 20                        | 3.6  | 5    | 1         | 0.8              | 1 x 170   |
|             | HJM(Z)022       | 45                        | 11.5 | 16  | 20                        | 5.0  | 7   | 41                        | 10.7 | 15  | 16                        | 4.3  | 6    | 1         | 0.8              | 1 x 170   |
|             | HJM(Z)028       | 58                        | 15.6 | 22  | 30                        | 6.7  | 9   | 51                        | 14.3 | 20  | 23                        | 5.4  | 8    | 1         | 1.3              | 1 x 310   |
|             | HJM(Z)032       | 77                        | 15.6 | 22  | 32                        | 7.0  | 10  | 70                        | 14.3 | 20  | 25                        | 5.7  | 8    | 1         | 1.3              | 1 x 310   |
|             | HJM(Z)036       | 67                        | 17   | 24  | 37                        | 7.7  | 11  | 60                        | 15.7 | 22  | 30                        | 6.4  | 9    | 1         | 1.3              | 1 x 310   |
|             | HJM(Z)040       | ---                       | ---  | --- | 45                        | 8.4  | 12  | ---                       | ---  | --- | 38                        | 7.1  | 10   | 1         | 1.3              | 1 x 310   |
|             | HJM(Z)044       | ---                       | ---  | --- | 55                        | 8.1  | 11  | ---                       | ---  | --- | 48.5                      | 6.8  | 10   | 1         | 1.3              | 1 x 310   |
|             | HJM(Z)050       | ---                       | ---  | --- | 55                        | 9.5  | 13  | ---                       | ---  | --- | 48.5                      | 8.2  | 12   | 1         | 1.3              | 1 x 310   |
|             | HGM(Z)56        | ---                       | ---  | --- | 71                        | 9.9  | 14  | ---                       | ---  | --- | 64                        | 8.6  | 12   | 1         | 1.3              | 1 x 310   |
|             | HGM(Z)64        | ---                       | ---  | --- | 71                        | 11.3 | 16  | ---                       | ---  | --- | 64                        | 10.0 | 14   | 1         | 1.3              | 1 x 310   |
|             | HGM(Z)072       | ---                       | ---  | --- | 93                        | 14.7 | 21  | ---                       | ---  | --- | 80                        | 12.1 | 17   | 2         | 2.6              | 2 x 310   |
|             | HGM(Z)080       | ---                       | ---  | --- | 93                        | 16.2 | 23  | ---                       | ---  | --- | 80                        | 13.6 | 19   | 2         | 2.6              | 2 x 310   |
|             | HGM(Z)100       | ---                       | ---  | --- | 103                       | 18.3 | 26  | ---                       | ---  | --- | 90                        | 15.7 | 22   | 2         | 2.6              | 2 x 310   |
|             | HGM(Z)125       | ---                       | ---  | --- | 131                       | 24.5 | 34  | ---                       | ---  | --- | 105                       | 19.3 | 27   | 2         | 5.2              | 2 x 430   |
|             | HGM(Z)144       | ---                       | ---  | --- | 141                       | 26.6 | 37  | ---                       | ---  | --- | 115                       | 21.4 | 30   | 2         | 5.2              | 2 x 430   |
|             | HGM(Z)160       | ---                       | ---  | --- | 166                       | 30.9 | 43  | ---                       | ---  | --- | 140                       | 25.7 | 36   | 2         | 5.2              | 2 x 430   |
| LBP         | LJZ048          | ---                       | ---  | --- | 20                        | 4.2  | 6   | ---                       | ---  | --- | 16                        | 3.43 | 4.8  | 1         | 0.8              | 1 x 170   |
|             | LJZ068          | ---                       | ---  | --- | 29                        | 6.8  | 9   | ---                       | ---  | --- | 25                        | 6.0  | 8.4  | 1         | 0.8              | 1 x 170   |
|             | LJZ096          | ---                       | ---  | --- | 39                        | 8.5  | 12  | ---                       | ---  | --- | 32                        | 7.21 | 10.1 | 1         | 1.3              | 1 x 310   |
|             | LJZ108          | ---                       | ---  | --- | 52                        | 9.9  | 14  | ---                       | ---  | --- | 45                        | 8.6  | 12.1 | 1         | 1.3              | 1 x 310   |
|             | LJZ136          | ---                       | ---  | --- | 58                        | 11.5 | 16  | ---                       | ---  | --- | 51                        | 10.2 | 14.3 | 1         | 1.3              | 1 x 310   |
|             | LGZ215          | ---                       | ---  | --- | 87                        | 18.5 | 26  | ---                       | ---  | --- | 74                        | 15.9 | 22.3 | 2         | 2.6              | 2 x 310   |
|             | LGZ271          | ---                       | ---  | --- | 109                       | 21.9 | 31  | ---                       | ---  | --- | 96                        | 19.3 | 27   | 2         | 2.6              | 2 x 310   |

**MCC:** Maximum Continuous current,  
**FLA:** Full Load Current

**LRA:** Locked Rotor Amps,

**MCA:** Minimum Circuit Amps,

**RLA:** Rated Load Amps,

| Model   | Version code         |                        |               | Electrical Code | Compressor | Ambient temperature (°C) | Cooling capacity (W) at evaporating temperature |      |       |       |       |       |       |       |       |       |       |       |       |       |
|---------|----------------------|------------------------|---------------|-----------------|------------|--------------------------|-------------------------------------------------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|         | D20                  | D20 IRAM Certification | D39           |                 |            |                          | -20°C                                           |      | -15°C |       | -10°C |       | -5°C  |       | 0°C   |       | 5°C   |       | 10°C  |       |
|         |                      |                        |               |                 |            |                          | CC                                              | PC   | CC    | PC    | CC    | PC    | CC    | PC    | CC    | PC    | CC    | PC    | CC    | PC    |
| HJM019D | 115F0003<br>115F0005 | 115F0850<br>115F0851   | -<br>115F0130 | G<br>E          | MT19       | 32                       | 1049                                            | 1008 | 1462  | 1121  | 1965  | 1231  | 2563  | 1336  | 3260  | 1435  | 4058  | 1527  | 4957  | 1613  |
|         |                      |                        |               |                 |            | 35                       | 983                                             | 1023 | 1381  | 1139  | 1865  | 1253  | 2439  | 1364  | 3109  | 1469  | 3876  | 1569  | 4741  | 1662  |
|         |                      |                        |               |                 |            | 38                       | 920                                             | 1036 | 1302  | 1156  | 1764  | 1275  | 2314  | 1391  | 2955  | 1503  | 3691  | 1610  | 4521  | 1712  |
|         |                      |                        |               |                 |            | 43                       | 821                                             | 1055 | 1171  | 1183  | 1597  | 1311  | 2103  | 1437  | 2696  | 1560  | 3377  | 1680  | 4148  | 1795  |
| HJM022D | 115F0008<br>115F0010 | 115F0852<br>115F0853   | -<br>115F0134 | G<br>E          | MT22       | 32                       | 1538                                            | 1199 | 2118  | 1369  | 2780  | 1535  | 3525  | 1696  | 4353  | 1850  | 5262  | 1995  | 6249  | 2130  |
|         |                      |                        |               |                 |            | 35                       | 1422                                            | 1214 | 1987  | 1388  | 2630  | 1560  | 3352  | 1727  | 4153  | 1889  | 5032  | 2043  | 5986  | 2188  |
|         |                      |                        |               |                 |            | 38                       | 1307                                            | 1225 | 1856  | 1404  | 2478  | 1581  | 3177  | 1756  | 3951  | 1926  | 4799  | 2089  | 5719  | 2245  |
|         |                      |                        |               |                 |            | 43                       | 1118                                            | 1237 | 1637  | 1423  | 2225  | 1612  | 2882  | 1798  | 3608  | 1982  | 4404  | 2162  | 5267  | 2335  |
| HJM028D | 115F0013<br>115F0015 | 115F0854<br>115F0855   | -<br>115F0138 | G<br>E          | MT28       | 32                       | 2508                                            | 2282 | 3299  | 2461  | 4192  | 2631  | 5190  | 2788  | 6296  | 2929  | 7512  | 3051  | 8838  | 3153  |
|         |                      |                        |               |                 |            | 35                       | 2367                                            | 2296 | 3142  | 2485  | 4014  | 2666  | 4988  | 2837  | 6065  | 2994  | 7248  | 3136  | 8537  | 3260  |
|         |                      |                        |               |                 |            | 38                       | 2226                                            | 2307 | 2982  | 2505  | 3833  | 2699  | 4781  | 2885  | 5829  | 3060  | 6978  | 3221  | 8229  | 3367  |
|         |                      |                        |               |                 |            | 43                       | 1986                                            | 2318 | 2711  | 2534  | 3523  | 2750  | 4426  | 2962  | 5422  | 3167  | 6513  | 3363  | 7699  | 3548  |
| HJM032D | 115F0018<br>115F0020 | 115F0856<br>115F0857   | -<br>115F0142 | G<br>E          | MT32       | 32                       | 2645                                            | 2516 | 3472  | 2724  | 4424  | 2927  | 5505  | 3123  | 6721  | 3311  | 8074  | 3488  | 9564  | 3655  |
|         |                      |                        |               |                 |            | 35                       | 2480                                            | 2538 | 3289  | 2754  | 4218  | 2968  | 5272  | 3177  | 6455  | 3380  | 7771  | 3576  | 9219  | 3763  |
|         |                      |                        |               |                 |            | 38                       | 2321                                            | 2557 | 3112  | 2783  | 4016  | 3008  | 5041  | 3231  | 6191  | 3450  | 7468  | 3664  | 8873  | 3872  |
|         |                      |                        |               |                 |            | 43                       | 2074                                            | 2584 | 2829  | 2827  | 3690  | 3073  | 4665  | 3321  | 5756  | 3568  | 6967  | 3814  | 8298  | 4058  |
| HJM036D | 115F0023<br>115F0025 | 115F0858<br>115F0859   | -<br>115F0146 | G<br>E          | MT36       | 32                       | 3224                                            | 2707 | 4182  | 2932  | 5249  | 3163  | 6426  | 3396  | 7712  | 3632  | 9106  | 3871  | 10602 | 4113  |
|         |                      |                        |               |                 |            | 35                       | 3037                                            | 2742 | 3975  | 2976  | 5018  | 3217  | 6167  | 3464  | 7420  | 3715  | 8775  | 3972  | 10230 | 4234  |
|         |                      |                        |               |                 |            | 38                       | 2848                                            | 2775 | 3766  | 3019  | 4784  | 3272  | 5903  | 3532  | 7122  | 3800  | 8439  | 4074  | 9850  | 4357  |
|         |                      |                        |               |                 |            | 43                       | 2532                                            | 2829 | 3413  | 3089  | 4386  | 3362  | 5453  | 3647  | 6613  | 3942  | 7863  | 4249  | 9201  | 4566  |
| HJM040D | 115F0029             | 115F0860               | 115F0150      | E               | MT40       | 32                       | 3603                                            | 2826 | 4677  | 3116  | 5889  | 3394  | 7247  | 3654  | 8760  | 3891  | 10433 | 4100  | 12271 | 4277  |
|         |                      |                        |               |                 |            | 35                       | 3384                                            | 2881 | 4445  | 3181  | 5643  | 3473  | 6985  | 3750  | 8477  | 4007  | 10127 | 4240  | 11939 | 4444  |
|         |                      |                        |               |                 |            | 38                       | 3164                                            | 2929 | 4213  | 3241  | 5396  | 3547  | 6719  | 3842  | 8191  | 4120  | 9816  | 4377  | 11601 | 4609  |
|         |                      |                        |               |                 |            | 43                       | 2796                                            | 2994 | 3823  | 3327  | 4980  | 3659  | 6272  | 3986  | 7707  | 4300  | 9291  | 4600  | 11030 | 4880  |
| HJM044D | 115F0033             | 115F0861               | 115F0154      | E               | MT44       | 32                       | 3206                                            | 2766 | 4334  | 2986  | 5682  | 3204  | 7257  | 3422  | 9061  | 3646  | 11095 | 3877  | 13357 | 4121  |
|         |                      |                        |               |                 |            | 35                       | 3019                                            | 2799 | 4097  | 3033  | 5390  | 3265  | 6903  | 3498  | 8641  | 3737  | 10605 | 3984  | 12791 | 4245  |
|         |                      |                        |               |                 |            | 38                       | 2841                                            | 2827 | 3868  | 3075  | 5103  | 3322  | 6555  | 3571  | 8226  | 3825  | 10118 | 4089  | 12229 | 4367  |
|         |                      |                        |               |                 |            | 43                       | 2565                                            | 2862 | 3504  | 3135  | 4642  | 3408  | 5989  | 3684  | 7547  | 3966  | 9320  | 4259  | 11304 | 4566  |
| HJM050D | 115F0037             | 115F0862               | 115F0158      | E               | MT50       | 32                       | 3807                                            | 3115 | 5135  | 3401  | 6672  | 3674  | 8420  | 3940  | 10378 | 4207  | 12544 | 4479  | 14909 | 4765  |
|         |                      |                        |               |                 |            | 35                       | 3585                                            | 3153 | 4867  | 3460  | 6348  | 3754  | 8034  | 4040  | 9922  | 4326  | 12012 | 4616  | 14293 | 4919  |
|         |                      |                        |               |                 |            | 38                       | 3366                                            | 3182 | 4600  | 3513  | 6026  | 3828  | 7648  | 4136  | 9467  | 4441  | 11479 | 4751  | 13678 | 5072  |
|         |                      |                        |               |                 |            | 43                       | 3010                                            | 3210 | 4163  | 3582  | 5495  | 3937  | 7010  | 4282  | 8710  | 4623  | 10593 | 4967  | 12653 | 5320  |
| HJM056D | 115F0041             | 115F0863               | 115F0162      | E               | MT56       | 32                       | 4140                                            | 3302 | 5538  | 3607  | 7190  | 3912  | 9099  | 4224  | 11262 | 4549  | 13674 | 4893  | 16324 | 5264  |
|         |                      |                        |               |                 |            | 35                       | 3940                                            | 3354 | 5279  | 3677  | 6865  | 4000  | 8700  | 4329  | 10785 | 4671  | 13112 | 5033  | 15673 | 5422  |
|         |                      |                        |               |                 |            | 38                       | 3750                                            | 3403 | 5028  | 3743  | 6547  | 4084  | 8309  | 4432  | 10313 | 4792  | 12555 | 5172  | 15026 | 5579  |
|         |                      |                        |               |                 |            | 43                       | 3461                                            | 3474 | 4634  | 3846  | 6038  | 4218  | 7674  | 4597  | 9544  | 4989  | 11642 | 5400  | 13962 | 5839  |
| HJM064D | 115F0045             | 115F0864               | 115F0166      | E               | MT64       | 32                       | 5038                                            | 3647 | 6621  | 4028  | 8435  | 4407  | 10480 | 4790  | 12753 | 5184  | 15242 | 5596  | 17932 | 6034  |
|         |                      |                        |               |                 |            | 35                       | 4769                                            | 3691 | 6303  | 4097  | 8058  | 4501  | 10035 | 4909  | 12230 | 5327  | 14634 | 5763  | 17232 | 6225  |
|         |                      |                        |               |                 |            | 38                       | 4502                                            | 3727 | 5986  | 4159  | 7681  | 4589  | 9588  | 5022  | 11706 | 5465  | 14024 | 5926  | 16531 | 6412  |
|         |                      |                        |               |                 |            | 43                       | 4064                                            | 3765 | 5462  | 4243  | 7055  | 4717  | 8845  | 5195  | 10831 | 5682  | 13006 | 6184  | 15359 | 6711  |
| HGM072D | 115F0048             | 115F0865               | 115F0169      | E               | MT72       | 32                       | 5643                                            | 4863 | 7566  | 5310  | 9787  | 5743  | 12317 | 6166  | 15159 | 6588  | 18314 | 7015  | 21772 | 7453  |
|         |                      |                        |               |                 |            | 35                       | 5337                                            | 4912 | 7207  | 5391  | 9362  | 5855  | 11814 | 6308  | 14568 | 6758  | 17623 | 7211  | 20975 | 7676  |
|         |                      |                        |               |                 |            | 38                       | 5029                                            | 4950 | 6845  | 5464  | 8935  | 5960  | 11310 | 6445  | 13975 | 6925  | 16932 | 7407  | 20177 | 7899  |
|         |                      |                        |               |                 |            | 43                       | 4511                                            | 4988 | 6240  | 5564  | 8221  | 6120  | 10466 | 6661  | 12985 | 7195  | 15778 | 7729  | 18845 | 8271  |
| HGM080D | 115F0051             | 115F0866               | 115F0172      | E               | MT80       | 32                       | 6797                                            | 5483 | 8933  | 5963  | 11365 | 6444  | 14099 | 6932  | 17133 | 7434  | 20459 | 7959  | 24060 | 8514  |
|         |                      |                        |               |                 |            | 35                       | 6462                                            | 5560 | 8539  | 6072  | 10899 | 6584  | 13547 | 7103  | 16482 | 7635  | 19698 | 8188  | 23181 | 8772  |
|         |                      |                        |               |                 |            | 38                       | 6125                                            | 5628 | 8142  | 6175  | 10427 | 6720  | 12988 | 7271  | 15825 | 7834  | 18931 | 8418  | 22294 | 9031  |
|         |                      |                        |               |                 |            | 43                       | 5561                                            | 5720 | 7474  | 6327  | 9634  | 6931  | 12048 | 7538  | 14718 | 8156  | 17641 | 8793  | 20804 | 9458  |
| HGM100D | 115F0054             | 115F0867               | 115F0175      | E               | MT100      | 32                       | 7517                                            | 6336 | 9768  | 6893  | 12388 | 7439  | 15393 | 7970  | 18791 | 8485  | 22579 | 8987  | 26749 | 9481  |
|         |                      |                        |               |                 |            | 35                       | 7002                                            | 6382 | 9197  | 6965  | 11746 | 7543  | 14666 | 8114  | 17962 | 8675  | 21635 | 9229  | 25675 | 9782  |
|         |                      |                        |               |                 |            | 38                       | 6518                                            | 6425 | 8653  | 7035  | 11128 | 7648  | 13958 | 8259  | 17149 | 8868  | 20704 | 9477  | 24612 | 10090 |
|         |                      |                        |               |                 |            | 43                       | 5789                                            | 6489 | 7816  | 7149  | 10158 | 7824  | 12829 | 8508  | 15839 | 9201  | 19187 | 9904  | 22867 | 10623 |
| HGM125D | 115F0057             | 115F0868               | 115F0178      | E               | MT125      | 32                       | 10359                                           | 7795 | 13406 | 8485  | 16940 | 9181  | 20984 | 9878  | 25546 | 10575 | 30626 | 11274 | 36215 | 11979 |
|         |                      |                        |               |                 |            | 35                       | 9801                                            | 7939 | 12756 | 8654  | 16176 | 9380  | 20084 | 10115 | 24488 | 10857 | 29389 | 11606 | 34780 | 12366 |
|         |                      |                        |               |                 |            | 38                       | 9263                                            | 8070 | 12120 | 8812  | 15420 | 9572  | 19185 | 10346 | 23426 | 11133 | 28144 | 11933 | 33332 | 12749 |
|         |                      |                        |               |                 |            | 43                       | 8417                                            | 8258 | 11097 | 9049  | 14183 | 9869  | 17698 | 10713 | 21654 | 11579 | 26056 | 12467 | 30897 | 13380 |
| HGM144D | 115F0060             | 115F0869               | 115F0181      | E               | MT144      | 32                       | 11680                                           | 8565 | 15030 | 9346  | 18917 | 10142 | 23358 | 10950 | 28357 | 11773 | 33903 | 12615 | 39973 | 13484 |
|         |                      |                        |               |                 |            | 35                       | 11038                                           | 8718 | 14281 | 9527  | 18034 | 10357 | 22315 | 11208 | 27129 | 12079 | 32467 | 12975 | 38309 | 13905 |
|         |                      |                        |               |                 |            | 38                       | 10421                                           | 8857 | 13548 | 9696  | 17161 | 10563 | 21276 | 11457 | 25900 | 12378 | 31025 | 13331 | 36633 | 14323 |
|         |                      |                        |               |                 |            | 43                       | 9455                                            | 9055 | 12373 | 9948  | 15735 | 10882 | 19559 | 11853 | 23852 | 12861 | 28611 | 13911 | 33820 | 15008 |
| HGM160D | 115F0063             | 115F0870               | 115F0184      | E               | MT160      | 32                       | 12820                                           | 9428 | 16440 | 10312 | 20636 | 11220 | 25422 | 12154 | 30797 | 13118 | 36745 | 14123 | 43234 | 15181 |
|         |                      |                        |               |                 |            | 35                       | 12144                                           | 9591 | 15650 | 10506 | 19703 | 11453 | 24319 | 12434 | 29497 | 13454 | 35223 | 14520 | 41468 | 15647 |
|         |                      |                        |               |                 |            | 38                       | 11491                                           | 9738 | 14875 | 10686 | 18778 | 11676 | 23217 | 12706 | 28192 | 13783 | 33691 | 14913 | 39686 | 16109 |
|         |                      |                        |               |                 |            | 43                       | 10462                                           | 9945 | 13624 | 10955 | 17260 | 12019 | 21387 | 13137 | 26011 | 14312 | 33119 | 15553 | 36690 | 16869 |

| Model   | Version code         |                        |               | Electrical Code | Compressor | Ambient temperature (°C) | Cooling capacity (W) at evaporating temperature |      |       |      |       |      |       |       |       |       |       |       |       |       |
|---------|----------------------|------------------------|---------------|-----------------|------------|--------------------------|-------------------------------------------------|------|-------|------|-------|------|-------|-------|-------|-------|-------|-------|-------|-------|
|         | D20                  | D20 IRAM Certification | D39           |                 |            |                          | -10°C                                           |      | -5°C  |      | 0°C   |      | 5°C   |       | 10°C  |       | 15°C  |       | 20°C  |       |
|         |                      |                        |               |                 |            |                          | CC                                              | PC   | CC    | PC   | CC    | PC   | CC    | PC    | CC    | PC    | CC    | PC    | CC    | PC    |
| HJZ019D | 115F0066<br>115F0068 | 115F0871<br>115F0872   | -<br>115F0272 | G<br>E          | MTZ19      | 32                       | 1350                                            | 935  | 1806  | 998  | 2334  | 1055 | 2934  | 1106  | 3608  | 1151  | 4354  | 1189  | 5168  | 1220  |
|         |                      |                        |               |                 |            | 35                       | 1261                                            | 950  | 1701  | 1016 | 2209  | 1078 | 2787  | 1135  | 3435  | 1186  | 4150  | 1232  | 4932  | 1272  |
|         |                      |                        |               |                 |            | 38                       | 1177                                            | 962  | 1599  | 1033 | 2087  | 1100 | 2640  | 1163  | 3260  | 1221  | 3945  | 1275  | 4694  | 1323  |
|         |                      |                        |               |                 |            | 43                       | 1045                                            | 978  | 1437  | 1057 | 1887  | 1133 | 2398  | 1207  | 2970  | 1278  | 3602  | 1344  | 4293  | 1408  |
| HJZ022D | 115F0071<br>115F0073 | 115F0873<br>115F0874   | -<br>115F0276 | G<br>E          | MTZ22      | 32                       | 1821                                            | 1077 | 2360  | 1162 | 2987  | 1241 | 3702  | 1314  | 4507  | 1381  | 5401  | 1444  | 6381  | 1502  |
|         |                      |                        |               |                 |            | 35                       | 1726                                            | 1091 | 2244  | 1182 | 2846  | 1268 | 3535  | 1349  | 4312  | 1425  | 5176  | 1496  | 6126  | 1563  |
|         |                      |                        |               |                 |            | 38                       | 1634                                            | 1104 | 2130  | 1202 | 2708  | 1295 | 3371  | 1383  | 4120  | 1467  | 4955  | 1547  | 5873  | 1623  |
|         |                      |                        |               |                 |            | 43                       | 1488                                            | 1125 | 1947  | 1232 | 2484  | 1337 | 3104  | 1438  | 3806  | 1535  | 4591  | 1628  | 5458  | 1718  |
| HJZ028D | 115F0076<br>115F0078 | 115F0875<br>115F0876   | -<br>115F0280 | G<br>E          | MTZ28      | 32                       | 2262                                            | 1838 | 2938  | 1938 | 3753  | 2037 | 4719  | 2137  | 5843  | 2237  | 7133  | 2340  | 8591  | 2447  |
|         |                      |                        |               |                 |            | 35                       | 2152                                            | 1862 | 2804  | 1966 | 3589  | 2072 | 4519  | 2179  | 5603  | 2288  | 6849  | 2400  | 8259  | 2518  |
|         |                      |                        |               |                 |            | 38                       | 2040                                            | 1884 | 2667  | 1994 | 3421  | 2107 | 4316  | 2221  | 5361  | 2339  | 6562  | 2461  | 7925  | 2590  |
|         |                      |                        |               |                 |            | 43                       | 1848                                            | 1920 | 2433  | 2039 | 3137  | 2163 | 3973  | 2291  | 4952  | 2424  | 6080  | 2563  | 7363  | 2710  |
| HJZ032D | 115F0081<br>115F0083 | 115F0877<br>115F0878   | -<br>115F0284 | G<br>E          | MTZ32      | 32                       | 2712                                            | 2012 | 3486  | 2125 | 4382  | 2232 | 5403  | 2336  | 6552  | 2435  | 7830  | 2532  | 9235  | 2628  |
|         |                      |                        |               |                 |            | 35                       | 2567                                            | 2035 | 3312  | 2157 | 4175  | 2274 | 5160  | 2387  | 6269  | 2497  | 7504  | 2605  | 8865  | 2711  |
|         |                      |                        |               |                 |            | 38                       | 2424                                            | 2056 | 3139  | 2187 | 3968  | 2314 | 4916  | 2437  | 5986  | 2558  | 7178  | 2676  | 8493  | 2792  |
|         |                      |                        |               |                 |            | 43                       | 2190                                            | 2088 | 2853  | 2234 | 3625  | 2378 | 4511  | 2518  | 5513  | 2655  | 6634  | 2791  | 7874  | 2926  |
| HJZ036D | 115F0086<br>115F0088 | 115F0879<br>115F0880   | -<br>115F0288 | G<br>E          | MTZ36      | 32                       | 3235                                            | 2251 | 4128  | 2399 | 5156  | 2542 | 6321  | 2682  | 7624  | 2817  | 9064  | 2949  | 10638 | 3078  |
|         |                      |                        |               |                 |            | 35                       | 3102                                            | 2287 | 3968  | 2441 | 4962  | 2594 | 6088  | 2744  | 7348  | 2891  | 8739  | 3036  | 10260 | 3180  |
|         |                      |                        |               |                 |            | 38                       | 2964                                            | 2321 | 3801  | 2482 | 4762  | 2644 | 5849  | 2805  | 7064  | 2964  | 8406  | 3124  | 9874  | 3283  |
|         |                      |                        |               |                 |            | 43                       | 2726                                            | 2370 | 3514  | 2545 | 4416  | 2723 | 5437  | 2903  | 6577  | 3085  | 7838  | 3268  | 9217  | 3453  |
| HJZ040D | 115F0092             | 115F0881               | 115F0292      | E               | MTZ40      | 32                       | 3772                                            | 2450 | 4815  | 2589 | 6026  | 2730 | 7412  | 2878  | 8980  | 3037  | 10733 | 3212  | 12672 | 3406  |
|         |                      |                        |               |                 |            | 35                       | 3594                                            | 2491 | 4601  | 2639 | 5772  | 2790 | 7115  | 2946  | 8636  | 3113  | 10339 | 3295  | 12225 | 3497  |
|         |                      |                        |               |                 |            | 38                       | 3419                                            | 2531 | 4390  | 2690 | 5520  | 2849 | 6819  | 3014  | 8293  | 3190  | 9945  | 3380  | 11779 | 3589  |
|         |                      |                        |               |                 |            | 43                       | 3136                                            | 2597 | 4045  | 2773 | 5107  | 2949 | 6331  | 3130  | 7725  | 3320  | 9293  | 3524  | 11037 | 3747  |
| HJZ044D | 115F0096             | 115F0882               | 115F0296      | E               | MTZ44      | 32                       | 3691                                            | 2317 | 4806  | 2464 | 6136  | 2597 | 7694  | 2720  | 9492  | 2834  | 11536 | 2943  | 13830 | 3049  |
|         |                      |                        |               |                 |            | 35                       | 3486                                            | 2342 | 4557  | 2502 | 5836  | 2648 | 7338  | 2783  | 9074  | 2910  | 11052 | 3030  | 13276 | 3148  |
|         |                      |                        |               |                 |            | 38                       | 3284                                            | 2364 | 4311  | 2537 | 5540  | 2697 | 6986  | 2845  | 8661  | 2985  | 10573 | 3118  | 12728 | 3247  |
|         |                      |                        |               |                 |            | 43                       | 2956                                            | 2390 | 3912  | 2589 | 5058  | 2773 | 6411  | 2945  | 7985  | 3107  | 9788  | 3261  | 11827 | 3412  |
| HJZ050D | 115F0100             | 115F0883               | 115F0300      | E               | MTZ50      | 32                       | 4191                                            | 2617 | 5474  | 2788 | 6998  | 2945 | 8772  | 3092  | 10806 | 3234  | 13102 | 3374  | 15660 | 3518  |
|         |                      |                        |               |                 |            | 35                       | 3952                                            | 2644 | 5182  | 2829 | 6645  | 3001 | 8353  | 3162  | 10315 | 3317  | 12536 | 3471  | 15016 | 3629  |
|         |                      |                        |               |                 |            | 38                       | 3723                                            | 2669 | 4901  | 2870 | 6304  | 3056 | 7947  | 3232  | 9838  | 3402  | 11984 | 3571  | 14386 | 3743  |
|         |                      |                        |               |                 |            | 43                       | 3362                                            | 2705 | 4456  | 2933 | 5763  | 3147 | 7298  | 3350  | 9072  | 3546  | 11095 | 3740  | 13367 | 3937  |
| HJZ056D | 115F0104             | 115F0884               | 115F0304      | E               | MTZ56      | 32                       | 4399                                            | 2722 | 5737  | 2916 | 7352  | 3104 | 9265  | 3289  | 11493 | 3476  | 14046 | 3671  | 16933 | 3881  |
|         |                      |                        |               |                 |            | 35                       | 4144                                            | 2735 | 5435  | 2945 | 6995  | 3151 | 8849  | 3355  | 11012 | 3562  | 13498 | 3778  | 16313 | 4010  |
|         |                      |                        |               |                 |            | 38                       | 3896                                            | 2753 | 5138  | 2979 | 6645  | 3202 | 8438  | 3425  | 10538 | 3651  | 12955 | 3888  | 15699 | 4142  |
|         |                      |                        |               |                 |            | 43                       | 3499                                            | 2788 | 4660  | 3042 | 6076  | 3294 | 7770  | 3548  | 9762  | 3807  | 12065 | 4078  | 14690 | 4367  |
| HJZ064D | 115F0108             | 115F0885               | 115F0308      | E               | MTZ64      | 32                       | 5071                                            | 2986 | 6608  | 3227 | 8425  | 3459 | 10534 | 3687  | 12942 | 3918  | 15649 | 4157  | 18654 | 4412  |
|         |                      |                        |               |                 |            | 35                       | 4804                                            | 3015 | 6287  | 3273 | 8043  | 3523 | 10083 | 3770  | 12416 | 4019  | 15044 | 4278  | 17965 | 4553  |
|         |                      |                        |               |                 |            | 38                       | 4541                                            | 3040 | 5970  | 3317 | 7664  | 3586 | 9635  | 3852  | 11894 | 4121  | 14443 | 4400  | 17280 | 4695  |
|         |                      |                        |               |                 |            | 43                       | 4113                                            | 3076 | 5451  | 3385 | 7041  | 3687 | 8898  | 3986  | 11032 | 4289  | 13448 | 4602  | 16146 | 4933  |
| HGZ072D | 115F0111             | 115F0886               | 115F0311      | E               | MTZ72      | 32                       | 5978                                            | 4181 | 7708  | 4432 | 9746  | 4679 | 12111 | 4923  | 14814 | 5166  | 17868 | 5410  | 21276 | 5658  |
|         |                      |                        |               |                 |            | 35                       | 5699                                            | 4232 | 7368  | 4500 | 9339  | 4765 | 11629 | 5029  | 14253 | 5292  | 17221 | 5557  | 20539 | 5827  |
|         |                      |                        |               |                 |            | 38                       | 5423                                            | 4281 | 7032  | 4566 | 8935  | 4850 | 11151 | 5132  | 13694 | 5415  | 16576 | 5701  | 19804 | 5993  |
|         |                      |                        |               |                 |            | 43                       | 4975                                            | 4358 | 6480  | 4672 | 8269  | 4986 | 10360 | 5300  | 12769 | 5617  | 15507 | 5938  | 18584 | 6266  |
| HGZ080D | 115F0114             | 115F0887               | 115F0314      | E               | MTZ80      | 32                       | 6741                                            | 4535 | 8658  | 4833 | 10906 | 5141 | 13501 | 5460  | 16454 | 5798  | 19771 | 6157  | 23456 | 6544  |
|         |                      |                        |               |                 |            | 35                       | 6402                                            | 4595 | 8252  | 4912 | 10426 | 5236 | 12940 | 5574  | 15807 | 5928  | 19034 | 6306  | 22625 | 6710  |
|         |                      |                        |               |                 |            | 38                       | 6070                                            | 4652 | 7852  | 4987 | 9951  | 5330 | 12384 | 5686  | 15165 | 6059  | 18301 | 6454  | 21797 | 6878  |
|         |                      |                        |               |                 |            | 43                       | 5532                                            | 4741 | 7198  | 5108 | 9171  | 5483 | 11469 | 5871  | 14105 | 6276  | 17089 | 6703  | 20426 | 7158  |
| HGZ100D | 115F0117             | 115F0888               | 115F0317      | E               | MTZ100     | 32                       | 7874                                            | 5250 | 10229 | 5616 | 12979 | 5967 | 16133 | 6303  | 19691 | 6625  | 23646 | 6938  | 27988 | 7249  |
|         |                      |                        |               |                 |            | 35                       | 7485                                            | 5325 | 9755  | 5710 | 12406 | 6085 | 15447 | 6449  | 18882 | 6804  | 22705 | 7154  | 26905 | 7506  |
|         |                      |                        |               |                 |            | 38                       | 7097                                            | 5394 | 9280  | 5800 | 11831 | 6200 | 14761 | 6593  | 18072 | 6982  | 21763 | 7370  | 25822 | 7764  |
|         |                      |                        |               |                 |            | 43                       | 6451                                            | 5494 | 8491  | 5937 | 10875 | 6381 | 13618 | 6827  | 16724 | 7275  | 20193 | 7728  | 24018 | 8194  |
| HGZ125D | 115F0120             | 115F0889               | 115F0320      | E               | MTZ125     | 32                       | 10187                                           | 5977 | 13164 | 6449 | 16648 | 6891 | 20661 | 7297  | 25216 | 7667  | 30320 | 7999  | 35971 | 8297  |
|         |                      |                        |               |                 |            | 35                       | 9672                                            | 6048 | 12546 | 6544 | 15910 | 7016 | 19787 | 7459  | 24192 | 7870  | 29132 | 8250  | 34607 | 8602  |
|         |                      |                        |               |                 |            | 38                       | 9153                                            | 6106 | 11922 | 6628 | 15165 | 7132 | 18906 | 7614  | 23160 | 8069  | 27936 | 8499  | 33235 | 8907  |
|         |                      |                        |               |                 |            | 43                       | 8281                                            | 6176 | 10874 | 6747 | 13914 | 7309 | 17426 | 7858  | 21427 | 8391  | 25928 | 8908  | 30934 | 9412  |
| HGZ144D | 115F0123             | 115F0890               | 115F0323      | E               | MTZ144     | 32                       | 12669                                           | 7109 | 16134 | 7650 | 20124 | 8191 | 24652 | 8729  | 29719 | 9266  | 35320 | 9805  | 41440 | 10352 |
|         |                      |                        |               |                 |            | 35                       | 12091                                           | 7223 | 15442 | 7786 | 19301 | 8353 | 23680 | 8923  | 28582 | 9496  | 34003 | 10076 | 39930 | 10667 |
|         |                      |                        |               |                 |            | 38                       | 11503                                           | 7330 | 14740 | 7916 | 18466 | 8511 | 22695 | 9114  | 27430 | 9724  | 32670 | 10346 | 38404 | 10984 |
|         |                      |                        |               |                 |            | 43                       | 10509                                           | 7495 | 13551 | 8122 | 17052 | 8767 | 21027 | 9426  | 25484 | 10102 | 30422 | 10795 | 35833 | 11512 |
| HGZ160D | 115F0126             | 115F0891               | 115F0326      | E               | MTZ160     | 32                       | 14236                                           | 7739 | 17902 | 8374 | 22122 | 9036 | 26911 | 9735  | 32276 | 10479 | 38216 | 11279 | 44724 | 12147 |
|         |                      |                        |               |                 |            | 35                       | 13582                                           | 7860 | 17125 | 8526 | 21211 | 9219 | 25854 | 9949  | 31064 | 10726 | 36840 | 11558 | 43176 | 12458 |
|         |                      |                        |               |                 |            | 38                       | 12936                                           | 7981 | 16354 | 8679 | 20303 | 9405 | 24799 | 10167 | 29852 | 10976 | 35463 | 11841 | 41628 | 12773 |
|         |                      |                        |               |                 |            | 43                       | 11877                                           | 8181 | 15083 | 8935 | 18800 | 9716 | 23048 | 10535 | 27836 | 11399 | 33170 | 12321 | 39046 | 13331 |

| Model   | Version code         |                         |               | Electrical Code | Compressor | Ambient temperature (°C) | Cooling capacity (W) at evaporating temperature |      |       |      |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
|---------|----------------------|-------------------------|---------------|-----------------|------------|--------------------------|-------------------------------------------------|------|-------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|         | D20                  | D20, IRAM Certification | D39           |                 |            |                          | -30°C                                           |      | -25°C |      | -20°C |       | -15°C |       | -10°C |       | -5°C  |       | 0°C   |       | 5°C   |       | 10°C  |       |
|         |                      |                         |               |                 |            |                          | CC                                              | PC   | CC    | PC   | CC    | PC    | CC    | PC    | CC    | PC    | CC    | PC    | CC    | PC    | CC    | PC    | CC    | PC    |
| HJZ019D | 115F0066<br>115F0068 | 115F0871<br>115F0872    | -<br>115F0272 | G<br>E          | MTZ19      | 32                       | 601                                             | 981  | 923   | 1109 | 1317  | 1230  | 1787  | 1344  | 2333  | 1453  | 2956  | 1556  | 3652  | 1656  | 4420  | 1752  | 5255  | 1848  |
|         |                      |                         |               |                 |            | 35                       | 551                                             | 978  | 857   | 1110 | 1231  | 1237  | 1676  | 1357  | 2193  | 1471  | 2782  | 1582  | 3443  | 1688  | 4173  | 1793  | 4967  | 1896  |
|         |                      |                         |               |                 |            | 38                       | 503                                             | 975  | 793   | 1112 | 1146  | 1243  | 1566  | 1369  | 2054  | 1490  | 2611  | 1607  | 3236  | 1721  | 3927  | 1833  | 4681  | 1944  |
| HJZ022D | 115F0071<br>115F0073 | 115F0873<br>115F0874    | -<br>115F0276 | G<br>E          | MTZ22      | 32                       | 956                                             | 1174 | 1351  | 1316 | 1831  | 1456  | 2397  | 1595  | 3053  | 1735  | 3793  | 1878  | 4612  | 2029  | 5504  | 2190  | 6461  | 2364  |
|         |                      |                         |               |                 |            | 35                       | 875                                             | 1168 | 1249  | 1317 | 1703  | 1465  | 2239  | 1613  | 2860  | 1763  | 3563  | 1917  | 4342  | 2078  | 5192  | 2249  | 6105  | 2435  |
|         |                      |                         |               |                 |            | 38                       | 796                                             | 1159 | 1149  | 1317 | 1577  | 1473  | 2082  | 1630  | 2668  | 1790  | 3333  | 1954  | 4072  | 2126  | 4880  | 2309  | 5751  | 2507  |
| HJZ028D | 115F0076<br>115F0078 | 115F0875<br>115F0876    | -<br>115F0280 | G<br>E          | MTZ28      | 32                       | 1274                                            | 1984 | 1844  | 2187 | 2519  | 2386  | 3310  | 2580  | 4217  | 2768  | 5245  | 2951  | 6392  | 3131  | 7657  | 3309  | 9039  | 3486  |
|         |                      |                         |               |                 |            | 35                       | 1146                                            | 1975 | 1692  | 2189 | 2338  | 2399  | 3094  | 2604  | 3962  | 2805  | 4945  | 3002  | 6044  | 3196  | 7258  | 3388  | 8586  | 3580  |
|         |                      |                         |               |                 |            | 38                       | 1023                                            | 1963 | 1545  | 2188 | 2162  | 2410  | 2881  | 2628  | 3709  | 2842  | 4648  | 3052  | 5698  | 3260  | 6861  | 3467  | 8135  | 3674  |
| HJZ032D | 115F0081<br>115F0083 | 115F0877<br>115F0878    | -<br>115F0284 | G<br>E          | MTZ32      | 32                       | 1593                                            | 2131 | 2211  | 2348 | 2946  | 2560  | 3803  | 2769  | 4782  | 2976  | 5885  | 3185  | 7110  | 3398  | 8453  | 3619  | 9907  | 3850  |
|         |                      |                         |               |                 |            | 35                       | 1457                                            | 2124 | 2048  | 2352 | 2750  | 2576  | 3567  | 2798  | 4501  | 3019  | 5553  | 3242  | 6723  | 3470  | 8007  | 3705  | 9399  | 3952  |
|         |                      |                         |               |                 |            | 38                       | 1323                                            | 2112 | 1888  | 2352 | 2555  | 2589  | 3331  | 2824  | 4219  | 3059  | 5221  | 3297  | 6335  | 3539  | 7560  | 3790  | 8891  | 4053  |
| HJZ036D | 115F0086<br>115F0088 | 115F0879<br>115F0880    | -<br>115F0288 | G<br>E          | MTZ36      | 32                       | 1878                                            | 2387 | 2580  | 2636 | 3405  | 2885  | 4353  | 3136  | 5422  | 3389  | 6609  | 3646  | 7908  | 3907  | 9310  | 4174  | 10806 | 4451  |
|         |                      |                         |               |                 |            | 35                       | 1734                                            | 2392 | 2408  | 2653 | 3196  | 2916  | 4100  | 3181  | 5117  | 3449  | 6246  | 3721  | 7480  | 3998  | 8814  | 4283  | 10238 | 4575  |
|         |                      |                         |               |                 |            | 38                       | 1590                                            | 2392 | 2236  | 2666 | 2987  | 2942  | 3846  | 3222  | 4811  | 3506  | 5881  | 3794  | 7052  | 4087  | 8317  | 4388  | 9671  | 4698  |
| HJZ040D | 115F0092             | 115F0881                | 115F0292      | E               | MTZ40      | 32                       | 2303                                            | 2585 | 3120  | 2873 | 4078  | 3152  | 5182  | 3424  | 6438  | 3690  | 7845  | 3953  | 9403  | 4215  | 11109 | 4478  | 12955 | 4745  |
|         |                      |                         |               |                 |            | 35                       | 2141                                            | 2590 | 2929  | 2894 | 3847  | 3190  | 4902  | 3478  | 6100  | 3761  | 7441  | 4041  | 8926  | 4320  | 10552 | 4601  | 12314 | 4886  |
|         |                      |                         |               |                 |            | 38                       | 1978                                            | 2593 | 2735  | 2914 | 3613  | 3227  | 4619  | 3533  | 5757  | 3834  | 7032  | 4132  | 8443  | 4430  | 9989  | 4729  | 11667 | 5032  |
| HJZ044D | 115F0096             | 115F0882                | 115F0296      | E               | MTZ44      | 32                       | 2101                                            | 2538 | 2942  | 2808 | 3950  | 3064  | 5144  | 3307  | 6528  | 3542  | 8107  | 3771  | 9883  | 4000  | 11853 | 4230  | 14010 | 4467  |
|         |                      |                         |               |                 |            | 35                       | 1929                                            | 2533 | 2739  | 2820 | 3706  | 3093  | 4847  | 3352  | 6169  | 3601  | 7678  | 3846  | 9376  | 4088  | 11261 | 4332  | 13330 | 4581  |
|         |                      |                         |               |                 |            | 38                       | 1756                                            | 2521 | 2535  | 2827 | 3459  | 3117  | 4547  | 3394  | 5807  | 3660  | 7245  | 3919  | 8865  | 4176  | 10666 | 4435  | 12646 | 4698  |
| HJZ050D | 115F0100             | 115F0883                | 115F0300      | E               | MTZ50      | 32                       | 2494                                            | 2836 | 3445  | 3137 | 4595  | 3430  | 5948  | 3716  | 7508  | 3997  | 9274  | 4271  | 11242 | 4552  | 13403 | 4831  | 15749 | 5116  |
|         |                      |                         |               |                 |            | 35                       | 2294                                            | 2838 | 3197  | 3154 | 4288  | 3463  | 5572  | 3765  | 7054  | 4062  | 8734  | 4357  | 10610 | 4651  | 12675 | 4948  | 14921 | 5251  |
|         |                      |                         |               |                 |            | 38                       | 2101                                            | 2835 | 2957  | 3167 | 3988  | 3492  | 5203  | 3811  | 6607  | 4126  | 8201  | 4438  | 9985  | 4750  | 11954 | 5065  | 14100 | 5385  |
| HJZ056D | 115F0104             | 115F0884                | 115F0304      | E               | MTZ56      | 32                       | 2558                                            | 2947 | 3574  | 3285 | 4801  | 3622  | 6249  | 3959  | 7920  | 4298  | 9814  | 4640  | 11926 | 4988  | 14248 | 5347  | 16767 | 5720  |
|         |                      |                         |               |                 |            | 35                       | 2349                                            | 2946 | 3319  | 3300 | 4486  | 3655  | 5864  | 4010  | 7455  | 4368  | 9261  | 4730  | 11278 | 5100  | 13500 | 5481  | 15917 | 5877  |
|         |                      |                         |               |                 |            | 38                       | 2149                                            | 2941 | 3072  | 3312 | 4179  | 3685  | 5487  | 4059  | 6998  | 4437  | 8716  | 4821  | 10638 | 5212  | 12760 | 5616  | 15074 | 6036  |
| HJZ064D | 115F0108             | 115F0885                | 115F0308      | E               | MTZ64      | 32                       | 3138                                            | 3284 | 4284  | 3720 | 5654  | 4153  | 7261  | 4586  | 9107  | 5023  | 11190 | 5469  | 13502 | 5928  | 16031 | 6406  | 18762 | 6908  |
|         |                      |                         |               |                 |            | 35                       | 2883                                            | 3268 | 3979  | 3726 | 5284  | 4182  | 6814  | 4637  | 8572  | 5097  | 10556 | 5565  | 12762 | 6047  | 15180 | 6546  | 17798 | 7070  |
|         |                      |                         |               |                 |            | 38                       | 2633                                            | 3245 | 3678  | 3725 | 4917  | 4204  | 6369  | 4683  | 8037  | 5166  | 9923  | 5657  | 12023 | 6162  | 14331 | 6684  | 16836 | 7230  |
| HGZ072D | 115F0111             | 115F0886                | 115F0311      | E               | MTZ72      | 32                       | 3695                                            | 4544 | 5026  | 4993 | 6631  | 5437  | 8525  | 5877  | 10716 | 6316  | 13205 | 6759  | 15992 | 7208  | 19070 | 7671  | 22427 | 8151  |
|         |                      |                         |               |                 |            | 35                       | 3408                                            | 4539 | 4674  | 5008 | 6199  | 5474  | 8003  | 5937  | 10091 | 6400  | 12468 | 6867  | 15135 | 7342  | 18086 | 7831  | 21313 | 8337  |
|         |                      |                         |               |                 |            | 38                       | 3135                                            | 4531 | 4335  | 5021 | 5780  | 5508  | 7491  | 5994  | 9476  | 6482  | 11741 | 6974  | 14287 | 7475  | 17111 | 7990  | 20207 | 8524  |
| HGZ080D | 115F0114             | 115F0887                | 115F0314      | E               | MTZ80      | 32                       | 4452                                            | 4961 | 5974  | 5552 | 7759  | 6123  | 9819  | 6680  | 12159 | 7232  | 14778 | 7785  | 17668 | 8348  | 20818 | 8928  | 24214 | 9531  |
|         |                      |                         |               |                 |            | 35                       | 4129                                            | 4960 | 5587  | 5584 | 7293  | 6185  | 9259  | 6771  | 11490 | 7350  | 13989 | 7928  | 16749 | 8515  | 19763 | 9116  | 23017 | 9739  |
|         |                      |                         |               |                 |            | 38                       | 3815                                            | 4951 | 5209  | 5609 | 6834  | 6242  | 8704  | 6859  | 10826 | 7465  | 13204 | 8070  | 15834 | 8681  | 18711 | 9305  | 21825 | 9949  |
| HGZ100D | 115F0117             | 115F0888                | 115F0317      | E               | MTZ100     | 32                       | 4672                                            | 5849 | 6477  | 6515 | 8605  | 7162  | 11063 | 7795  | 13834 | 8418  | 16896 | 9037  | 20222 | 9659  | 23783 | 10287 | 27549 | 10926 |
|         |                      |                         |               |                 |            | 35                       | 4310                                            | 5850 | 6045  | 6555 | 8077  | 7242  | 10415 | 7912  | 13045 | 8570  | 15949 | 9224  | 19104 | 9878  | 22486 | 10536 | 26068 | 11203 |
|         |                      |                         |               |                 |            | 38                       | 3939                                            | 5830 | 5606  | 6577 | 7543  | 7304  | 9762  | 8013  | 12253 | 8710  | 15000 | 9399  | 17986 | 10086 | 21190 | 10776 | 24591 | 11473 |
| HGZ125D | 115F0120             | 115F0889                | 115F0320      | E               | MTZ125     | 32                       | 6601                                            | 7105 | 8893  | 7864 | 11636 | 8621  | 14851 | 9380  | 18548 | 10148 | 22725 | 10935 | 27369 | 11749 | 32452 | 12605 | 37939 | 13517 |
|         |                      |                         |               |                 |            | 35                       | 6105                                            | 7123 | 8282  | 7918 | 10887 | 8713  | 13942 | 9514  | 17460 | 10327 | 21441 | 11159 | 25876 | 12021 | 30737 | 12926 | 36005 | 13886 |
|         |                      |                         |               |                 |            | 38                       | 5632                                            | 7132 | 7693  | 7963 | 10158 | 8798  | 13052 | 9641  | 16389 | 10499 | 20174 | 11377 | 24397 | 12288 | 29036 | 13243 | 34087 | 14252 |
| HGZ144D | 115F0123             | 115F0890                | 115F0323      | E               | MTZ144     | 32                       | 7890                                            | 8024 | 10508 | 8890 | 13576 | 9764  | 17110 | 10650 | 21114 | 11556 | 25571 | 12493 | 30464 | 13473 | 35764 | 14507 | 41440 | 15610 |
|         |                      |                         |               |                 |            | 35                       | 7318                                            | 8048 | 9820  | 8953 | 12744 | 9869  | 16109 | 10800 | 19919 | 11753 | 24163 | 12740 | 28826 | 13770 | 33884 | 14855 | 39310 | 16010 |
|         |                      |                         |               |                 |            | 38                       | 6760                                            | 8059 | 9143  | 9004 | 11920 | 9962  | 15112 | 10939 | 18727 | 11940 | 22756 | 12976 | 27189 | 14057 | 32006 | 15195 | 37183 | 16402 |
| HGZ160D | 115F0126             | 115F0891                | 115F0326      | E               | MTZ160     | 32                       | 8562                                            | 8768 | 11388 | 9785 | 14681 | 10798 | 18454 | 11831 | 22705 | 12907 | 27421 | 14050 | 32573 | 15285 | 38113 | 16641 | 43974 | 18149 |
|         |                      |                         |               |                 |            | 35                       | 7948                                            | 8784 | 10652 | 9852 | 13793 | 10917 | 17386 | 12000 | 21434 | 13126 | 25926 | 14317 | 30837 | 15599 | 36124 | 17002 | 41724 | 18554 |
|         |                      |                         |               |                 |            | 38                       | 7347                                            | 8786 | 9926  | 9907 | 12912 | 11025 | 16323 | 12161 | 20165 | 13337 | 24432 | 14578 | 29101 | 15910 | 34135 | 17360 | 39475 | 18961 |

| Model   | Version code         |                         |               | Electrical Code | Compressor | Ambient temperature (°C) | Cooling capacity (W) at evaporating temperature |             |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
|---------|----------------------|-------------------------|---------------|-----------------|------------|--------------------------|-------------------------------------------------|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|         | D20                  | D20, IRAM Certification | D39           |                 |            |                          | -25°C                                           |             | -20°C |       | -15°C |       | -10°C |       | -5°C  |       | 0°C   |       | 5°C   |       | 10°C  |       |
|         |                      |                         |               |                 |            |                          | CC                                              | PC          | CC    | PC    | CC    | PC    | CC    | PC    | CC    | PC    | CC    | PC    | CC    | PC    | CC    | PC    |
| HJZ019D | 115F0066<br>115F0068 | 115F0871<br>115F0872    | -<br>115F0272 | G<br>E          | MTZ19      | 32                       | 818                                             | 941         | 1191  | 1064  | 1624  | 1183  | 2118  | 1296  | 2673  | 1405  | 3288  | 1508  | 3961  | 1606  | 4686  | 1701  |
|         |                      |                         |               |                 |            | 35                       | <b>738</b>                                      | <b>936</b>  | 1102  | 1066  | 1517  | 1191  | 1991  | 1313  | 2525  | 1429  | 3117  | 1540  | 3767  | 1647  | 4469  | 1749  |
|         |                      |                         |               |                 |            | 38                       | <b>667</b>                                      | <b>930</b>  | 1015  | 1066  | 1414  | 1199  | 1868  | 1327  | 2380  | 1452  | 2949  | 1571  | 3574  | 1686  | 4250  | 1797  |
|         |                      |                         |               |                 |            | 43                       | ---                                             | ---         | 869   | 1064  | 1248  | 1208  | 1668  | 1349  | 2143  | 1486  | 2670  | 1619  | 3251  | 1749  | 3879  | 1876  |
| HJZ022D | 115F0071<br>115F0073 | 115F0873<br>115F0874    | -<br>115F0276 | G<br>E          | MTZ22      | 32                       | 1346                                            | 1223        | 1753  | 1347  | 2239  | 1479  | 2811  | 1620  | 3469  | 1771  | 4214  | 1936  | 5044  | 2118  | 5957  | 2318  |
|         |                      |                         |               |                 |            | 35                       | <b>1267</b>                                     | <b>1240</b> | 1665  | 1371  | 2128  | 1510  | 2671  | 1659  | 3296  | 1820  | 4006  | 1994  | 4798  | 2186  | 5672  | 2397  |
|         |                      |                         |               |                 |            | 38                       | <b>1196</b>                                     | <b>1255</b> | 1578  | 1393  | 2017  | 1540  | 2532  | 1698  | 3125  | 1868  | 3799  | 2052  | 4553  | 2254  | 5389  | 2475  |
|         |                      |                         |               |                 |            | 43                       | ---                                             | ---         | 1416  | 1428  | 1834  | 1589  | 2303  | 1761  | 2843  | 1947  | 3458  | 2148  | 4150  | 2368  | 4922  | 2607  |
| HJZ028D | 115F0076<br>115F0078 | 115F0875<br>115F0876    | -<br>115F0280 | G<br>E          | MTZ28      | 32                       | 1696                                            | 2036        | 2218  | 2184  | 2850  | 2337  | 3601  | 2498  | 4478  | 2668  | 5484  | 2848  | 6621  | 3041  | 7886  | 3250  |
|         |                      |                         |               |                 |            | 35                       | <b>1598</b>                                     | <b>2057</b> | 2108  | 2213  | 2709  | 2376  | 3423  | 2547  | 4257  | 2728  | 5216  | 2921  | 6302  | 3127  | 7514  | 3351  |
|         |                      |                         |               |                 |            | 38                       | <b>1510</b>                                     | <b>2077</b> | 1999  | 2241  | 2570  | 2413  | 3248  | 2596  | 4039  | 2788  | 4951  | 2994  | 5986  | 3214  | 7145  | 3451  |
|         |                      |                         |               |                 |            | 43                       | ---                                             | ---         | 1798  | 2284  | 2341  | 2473  | 2959  | 2674  | 3681  | 2887  | 4516  | 3115  | 5467  | 3358  | 6539  | 3619  |
| HJZ032D | 115F0081<br>115F0083 | 115F0877<br>115F0878    | -<br>115F0284 | G<br>E          | MTZ32      | 32                       | 1971                                            | 2165        | 2569  | 2332  | 3282  | 2507  | 4119  | 2692  | 5088  | 2891  | 6190  | 3110  | 7425  | 3353  | 8793  | 3626  |
|         |                      |                         |               |                 |            | 35                       | <b>1839</b>                                     | <b>2173</b> | 2426  | 2352  | 3107  | 2541  | 3906  | 2741  | 4830  | 2956  | 5883  | 3192  | 7064  | 3454  | 8373  | 3747  |
|         |                      |                         |               |                 |            | 38                       | <b>1717</b>                                     | <b>2181</b> | 2280  | 2372  | 2930  | 2573  | 3691  | 2788  | 4571  | 3020  | 5574  | 3273  | 6702  | 3553  | 7952  | 3865  |
|         |                      |                         |               |                 |            | 43                       | ---                                             | ---         | 2013  | 2400  | 2631  | 2624  | 3328  | 2863  | 4135  | 3122  | 5056  | 3403  | 6094  | 3712  | 7249  | 4055  |
| HJZ036D | 115F0086<br>115F0088 | 115F0879<br>115F0880    | -<br>115F0288 | G<br>E          | MTZ36      | 32                       | 2133                                            | 2347        | 2855  | 2577  | 3706  | 2813  | 4691  | 3058  | 5808  | 3314  | 7056  | 3585  | 8426  | 3874  | 9903  | 4189  |
|         |                      |                         |               |                 |            | 35                       | <b>2002</b>                                     | <b>2369</b> | 2707  | 2610  | 3521  | 2859  | 4462  | 3119  | 5530  | 3390  | 6723  | 3678  | 8033  | 3985  | 9447  | 4317  |
|         |                      |                         |               |                 |            | 38                       | <b>1883</b>                                     | <b>2389</b> | 2560  | 2641  | 3336  | 2904  | 4233  | 3178  | 5251  | 3465  | 6388  | 3769  | 7639  | 4094  | 8993  | 4444  |
|         |                      |                         |               |                 |            | 43                       | ---                                             | ---         | 2289  | 2689  | 3028  | 2974  | 3851  | 3273  | 4786  | 3587  | 5833  | 3919  | 6989  | 4273  | 8246  | 4652  |
| HJZ040D | 115F0092             | 115F0881                | 115F0292      | E               | MTZ40      | 32                       | 2445                                            | 2592        | 3289  | 2857  | 4284  | 3132  | 5433  | 3417  | 6737  | 3714  | 8193  | 4024  | 9792  | 4352  | 11517 | 4705  |
|         |                      |                         |               |                 |            | 35                       | <b>2291</b>                                     | <b>2617</b> | 3115  | 2894  | 4066  | 3184  | 5165  | 3486  | 6412  | 3801  | 7805  | 4132  | 9335  | 4482  | 10989 | 4858  |
|         |                      |                         |               |                 |            | 38                       | <b>2154</b>                                     | <b>2641</b> | 2943  | 2930  | 3849  | 3234  | 4896  | 3553  | 6086  | 3887  | 7415  | 4239  | 8877  | 4611  | 10461 | 5009  |
|         |                      |                         |               |                 |            | 43                       | ---                                             | ---         | 2630  | 2987  | 3490  | 3315  | 4451  | 3662  | 5543  | 4027  | 6767  | 4413  | 8118  | 4821  | 9588  | 5257  |
| HJZ044D | 115F0096             | 115F0882                | 115F0296      | E               | MTZ44      | 32                       | 2421                                            | 2529        | 3313  | 2785  | 4373  | 3046  | 5610  | 3312  | 7029  | 3584  | 8629  | 3865  | 10393 | 4161  | 12281 | 4484  |
|         |                      |                         |               |                 |            | 35                       | <b>2237</b>                                     | <b>2536</b> | 3108  | 2806  | 4121  | 3082  | 5303  | 3364  | 6660  | 3653  | 8192  | 3953  | 9883  | 4267  | 11697 | 4608  |
|         |                      |                         |               |                 |            | 38                       | <b>2068</b>                                     | <b>2536</b> | 2903  | 2820  | 3870  | 3111  | 4997  | 3410  | 6292  | 3717  | 7756  | 4034  | 9375  | 4367  | 11115 | 4726  |
|         |                      |                         |               |                 |            | 43                       | ---                                             | ---         | 2534  | 2831  | 3453  | 3147  | 4490  | 3472  | 5682  | 3808  | 7032  | 4156  | 8530  | 4520  | 10145 | 4909  |
| HJZ050D | 115F0100             | 115F0883                | 115F0300      | E               | MTZ50      | 32                       | 2647                                            | 2684        | 3665  | 3016  | 4874  | 3354  | 6278  | 3698  | 7876  | 4049  | 9662  | 4410  | 11628 | 4782  | 13771 | 5167  |
|         |                      |                         |               |                 |            | 35                       | <b>2456</b>                                     | <b>2694</b> | 3452  | 3043  | 4611  | 3399  | 5956  | 3762  | 7486  | 4133  | 9197  | 4514  | 11082 | 4907  | 13137 | 5313  |
|         |                      |                         |               |                 |            | 38                       | <b>2278</b>                                     | <b>2696</b> | 3237  | 3062  | 4345  | 3436  | 5631  | 3819  | 7093  | 4209  | 8730  | 4610  | 10533 | 5024  | 12502 | 5451  |
|         |                      |                         |               |                 |            | 43                       | ---                                             | ---         | 2840  | 3077  | 3898  | 3481  | 5084  | 3894  | 6434  | 4318  | 7946  | 4753  | 9616  | 5200  | 11443 | 5661  |
| HJZ056D | 115F0104             | 115F0884                | 115F0304      | E               | MTZ56      | 32                       | 2970                                            | 2866        | 4118  | 3225  | 5486  | 3590  | 7082  | 3958  | 8907  | 4331  | 10958 | 4711  | 13230 | 5100  | 15718 | 5498  |
|         |                      |                         |               |                 |            | 35                       | <b>2758</b>                                     | <b>2877</b> | 3882  | 3256  | 5194  | 3641  | 6723  | 4031  | 8471  | 4427  | 10436 | 4831  | 12614 | 5244  | 15003 | 5668  |
|         |                      |                         |               |                 |            | 38                       | <b>2560</b>                                     | <b>2881</b> | 3643  | 3278  | 4898  | 3683  | 6360  | 4095  | 8032  | 4515  | 9912  | 4942  | 11997 | 5380  | 14285 | 5828  |
|         |                      |                         |               |                 |            | 43                       | ---                                             | ---         | 3201  | 3297  | 4400  | 3735  | 5750  | 4184  | 7294  | 4641  | 9033  | 5107  | 10964 | 5585  | 13088 | 6075  |
| HJZ064D | 115F0108             | 115F0885                | 115F0308      | E               | MTZ64      | 32                       | 3467                                            | 3209        | 4716  | 3621  | 6175  | 4042  | 7845  | 4475  | 9725  | 4922  | 11807 | 5387  | 14076 | 5878  | 16513 | 6403  |
|         |                      |                         |               |                 |            | 35                       | <b>3202</b>                                     | <b>3217</b> | 4424  | 3649  | 5822  | 4093  | 7425  | 4551  | 9230  | 5024  | 11231 | 5517  | 13415 | 6038  | 15760 | 6594  |
|         |                      |                         |               |                 |            | 38                       | <b>2966</b>                                     | <b>3222</b> | 4138  | 3674  | 5475  | 4141  | 7009  | 4623  | 8740  | 5122  | 10659 | 5644  | 12754 | 6195  | 15003 | 6784  |
|         |                      |                         |               |                 |            | 43                       | ---                                             | ---         | 3631  | 3707  | 4910  | 4211  | 6329  | 4735  | 7931  | 5280  | 9711  | 5850  | 11653 | 6453  | 13731 | 7100  |
| HGZ072D | 115F0111             | 115F0886                | 115F0311      | E               | MTZ72      | 32                       | 4110                                            | 4463        | 5615  | 4926  | 7389  | 5391  | 9442  | 5857  | 11776 | 6328  | 14389 | 6807  | 17275 | 7300  | 20417 | 7814  |
|         |                      |                         |               |                 |            | 35                       | <b>3798</b>                                     | <b>4474</b> | 5268  | 4962  | 6970  | 5454  | 8940  | 5951  | 11184 | 6454  | 13701 | 6966  | 16484 | 7494  | 19520 | 8044  |
|         |                      |                         |               |                 |            | 38                       | <b>3518</b>                                     | <b>4481</b> | 4928  | 4994  | 6557  | 5513  | 8445  | 6040  | 10598 | 6574  | 13017 | 7121  | 15696 | 7684  | 18621 | 8272  |
|         |                      |                         |               |                 |            | 43                       | ---                                             | ---         | 4329  | 5035  | 5884  | 5601  | 7634  | 6178  | 9634  | 6767  | 11887 | 7371  | 14387 | 7995  | 17119 | 8648  |
| HGZ080D | 115F0114             | 115F0887                | 115F0314      | E               | MTZ80      | 32                       | 5109                                            | 5067        | 6764  | 5573  | 8705  | 6095  | 10938 | 6635  | 13464 | 7196  | 16273 | 7784  | 19350 | 8408  | 22665 | 9077  |
|         |                      |                         |               |                 |            | 35                       | <b>4777</b>                                     | <b>5101</b> | 6404  | 5631  | 8267  | 6180  | 10411 | 6749  | 12838 | 7342  | 15539 | 7963  | 18497 | 8621  | 21688 | 9327  |
|         |                      |                         |               |                 |            | 38                       | <b>4477</b>                                     | <b>5129</b> | 6042  | 5681  | 7826  | 6257  | 9881  | 6855  | 12208 | 7479  | 14800 | 8133  | 17642 | 8826  | 20710 | 9567  |
|         |                      |                         |               |                 |            | 43                       | ---                                             | ---         | 5375  | 5751  | 7090  | 6369  | 8994  | 7015  | 11153 | 7690  | 13564 | 8399  | 16214 | 9148  | 19078 | 9947  |
| HGZ100D | 115F0117             | 115F0888                | 115F0317      | E               | MTZ100     | 32                       | 5402                                            | 5631        | 7340  | 6228  | 9631  | 6844  | 12282 | 7481  | 15288 | 8143  | 18634 | 8835  | 22302 | 9567  | 26267 | 10350 |
|         |                      |                         |               |                 |            | 35                       | <b>5002</b>                                     | <b>5657</b> | 6893  | 6280  | 9084  | 6927  | 11620 | 7599  | 14499 | 8298  | 17709 | 9031  | 21233 | 9806  | 25047 | 10634 |
|         |                      |                         |               |                 |            | 38                       | <b>4645</b>                                     | <b>5678</b> | 6455  | 6326  | 8545  | 7004  | 10966 | 7710  | 13719 | 8447  | 16794 | 9221  | 20174 | 10039 | 23836 | 10913 |
|         |                      |                         |               |                 |            | 43                       | ---                                             | ---         | 5676  | 6394  | 7666  | 7121  | 9898  | 7883  | 12441 | 8683  | 15289 | 9525  | 18428 | 10416 | 21835 | 11368 |
| HGZ125D | 115F0120             | 115F0889                | 115F0320      | E               | MTZ125     | 32                       | 7414                                            | 6903        | 10108 | 7660  | 13318 | 8431  | 17060 | 9213  | 21339 | 10007 | 26149 | 10818 | 31473 | 11654 | 37292 | 12524 |
|         |                      |                         |               |                 |            | 35                       | <b>6870</b>                                     | <b>6938</b> | 9494  | 7731  | 12564 | 8544  | 16147 | 9373  | 20251 | 10218 | 24871 | 11085 | 29994 | 11980 | 35601 | 12912 |
|         |                      |                         |               |                 |            | 38                       | <b>6381</b>                                     | <b>6967</b> | 8892  | 7794  | 11821 | 8647  | 15246 | 9523  | 19174 | 10420 | 23605 | 11342 | 28526 | 12295 | 33920 | 13288 |
|         |                      |                         |               |                 |            | 43                       | ---                                             | ---         | 7824  | 7883  | 10608 | 8802  | 13767 | 9754  | 17403 | 10735 | 21517 | 11748 | 26101 | 12799 | 31139 | 13895 |
| HGZ144D | 115F0123             | 115F0890                | 115F0323      | E               | MTZ144     | 32                       | 9306                                            | 7848        | 12185 | 8679  | 15525 | 9522  | 19338 | 10392 | 23625 | 11307 | 28378 | 12285 | 33582 | 13345 | 39219 | 14506 |
|         |                      |                         |               |                 |            | 35                       | <b>8657</b>                                     | <b>7910</b> | 11486 | 8790  | 14693 | 9682  | 18355 | 10601 | 22477 | 11564 | 27050 | 12591 | 32061 | 13701 | 37488 | 14915 |
|         |                      |                         |               |                 |            | 38                       | <b>8081</b>                                     | <b>7958</b> | 10804 | 8890  | 13877 | 9834  | 17389 | 10804 | 21345 | 11818 | 25738 | 12897 | 30554 | 14059 | 35768 | 15328 |
|         |                      |                         |               |                 |            | 43                       | ---                                             | ---         | 9585  | 9032  | 12550 | 10068 | 15813 | 11129 | 19492 | 12234 | 23583 | 13404 | 28069 | 14661 | 32921 | 16029 |
| HGZ160D | 115F0126             | 115F0891                | 115F0326      | E               | MTZ160     | 32                       | 10568                                           | 8701        | 13815 | 9660  | 17571 | 10646 | 21842 | 11672 | 26626 | 12756 | 31907 | 13915 | 37661 | 15169 | 43859 | 16539 |
|         |                      |                         |               |                 |            | 35                       | <b>9830</b>                                     | <b>8774</b> | 13025 | 9785  | 16630 | 10824 | 20732 | 11905 | 25329 | 13045 | 30408 | 14261 | 35945 | 15576 | 41905 | 17010 |
|         |                      |                         |               |                 |            | 38                       | <b>9174</b>                                     | <b>8833</b> | 12251 | 9899  | 15707 | 10995 | 19641 | 12133 | 24052 | 13330 | 28928 | 14607 | 34244 | 15984 | 39963 | 17487 |
|         |                      |                         |               |                 |            | 43                       | ---                                             | ---         | 10864 | 10061 | 14206 | 11256 | 17860 | 12496 | 21961 | 13797 | 26496 | 15181 | 31440 | 16670 | 36746 | 18293 |

| Model   | Version code         |                        |               | Electrical Code | Compressor | Ambient temperature (°C) | Cooling capacity (W) at evaporating temperature |              |       |       |       |       |       |       |       |       |       |       |       |       |
|---------|----------------------|------------------------|---------------|-----------------|------------|--------------------------|-------------------------------------------------|--------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|         | D20                  | D20 IRAM Certification | D39           |                 |            |                          | -20°C                                           |              | -15°C |       | -10°C |       | -5°C  |       | 0°C   |       | 5°C   |       | 10°C  |       |
|         |                      |                        |               |                 |            |                          | CC                                              | PC           | CC    | PC    | CC    | PC    | CC    | PC    | CC    | PC    | CC    | PC    | CC    | PC    |
| HJZ019D | 115F0066<br>115F0068 | 115F0871<br>115F0872   | -<br>115F0272 | G<br>E          | MTZ19      | 32                       | 1417                                            | 1179         | 1868  | 1294  | 2387  | 1400  | 2971  | 1498  | 3622  | 1590  | 4339  | 1675  | 5125  | 1753  |
|         |                      |                        |               |                 |            | 35                       | 1315                                            | 1181         | 1746  | 1305  | 2240  | 1420  | 2799  | 1527  | 3420  | 1627  | 4105  | 1721  | 4857  | 1808  |
|         |                      |                        |               |                 |            | 38                       | 1213                                            | 1180         | 1624  | 1312  | 2095  | 1436  | 2626  | 1553  | 3218  | 1662  | 3872  | 1764  | 4590  | 1859  |
| HJZ022D | 115F0071<br>115F0073 | 115F0873<br>115F0874   | -<br>115F0276 | G<br>E          | MTZ22      | 43                       | <b>1045</b>                                     | <b>1169</b>  | 1423  | 1317  | 1854  | 1457  | 2342  | 1588  | 2885  | 1712  | 3485  | 1829  | 4147  | 1939  |
|         |                      |                        |               |                 |            | 32                       | 1806                                            | 1344         | 2318  | 1471  | 2924  | 1606  | 3627  | 1749  | 4428  | 1905  | 5324  | 2074  | 6312  | 2263  |
|         |                      |                        |               |                 |            | 35                       | 1717                                            | 1368         | 2205  | 1503  | 2782  | 1646  | 3452  | 1799  | 4217  | 1964  | 5076  | 2144  | 6024  | 2344  |
| HJZ028D | 115F0076<br>115F0078 | 115F0875<br>115F0876   | -<br>115F0280 | G<br>E          | MTZ28      | 38                       | 1629                                            | 1391         | 2093  | 1534  | 2642  | 1686  | 3280  | 1848  | 4010  | 2023  | 4830  | 2214  | 5739  | 2425  |
|         |                      |                        |               |                 |            | 43                       | ---                                             | ---          | 1910  | 1584  | 2413  | 1751  | 2998  | 1929  | 3670  | 2122  | 4429  | 2331  | 5275  | 2560  |
|         |                      |                        |               |                 |            | 32                       | 2490                                            | 2359         | 3109  | 2500  | 3856  | 2648  | 4738  | 2803  | 5763  | 2967  | 6940  | 3142  | 8287  | 3326  |
| HJZ032D | 115F0081<br>115F0083 | 115F0877<br>115F0878   | -<br>115F0284 | G<br>E          | MTZ32      | 35                       | 2364                                            | 2390         | 2951  | 2542  | 3657  | 2701  | 4491  | 2869  | 5464  | 3047  | 6585  | 3235  | 7850  | 3439  |
|         |                      |                        |               |                 |            | 38                       | 2235                                            | 2418         | 2788  | 2580  | 3453  | 2751  | 4240  | 2931  | 5161  | 3122  | 6226  | 3324  | 7428  | 3543  |
|         |                      |                        |               |                 |            | 43                       | <b>2014</b>                                     | <b>2456</b>  | 2510  | 2635  | 3107  | 2825  | 3814  | 3026  | 4647  | 3238  | 5618  | 3463  | 6721  | 3704  |
| HJZ036D | 115F0086<br>115F0088 | 115F0879<br>115F0880   | -<br>115F0288 | G<br>E          | MTZ36      | 32                       | 2807                                            | 2487         | 3574  | 2673  | 4459  | 2861  | 5466  | 3055  | 6596  | 3255  | 7850  | 3466  | 9231  | 3688  |
|         |                      |                        |               |                 |            | 35                       | 2636                                            | 2507         | 3368  | 2710  | 4212  | 2916  | 5170  | 3128  | 6244  | 3347  | 7437  | 3578  | 8739  | 3824  |
|         |                      |                        |               |                 |            | 38                       | 2462                                            | 2527         | 3159  | 2746  | 3960  | 2969  | 4870  | 3198  | 5889  | 3436  | 7025  | 3685  | 8266  | 3949  |
| HJZ040D | 115F0092             | 115F0881               | 115F0292      | E               | MTZ40      | 43                       | <b>2168</b>                                     | <b>2552</b>  | 2805  | 2797  | 3536  | 3048  | 4365  | 3305  | 5293  | 3572  | 6332  | 3850  | 7472  | 4143  |
|         |                      |                        |               |                 |            | 32                       | 3178                                            | 2814         | 3999  | 3040  | 4957  | 3270  | 6054  | 3507  | 7291  | 3753  | 8667  | 4010  | 10190 | 4281  |
|         |                      |                        |               |                 |            | 35                       | 3011                                            | 2850         | 3794  | 3091  | 4705  | 3337  | 5746  | 3591  | 6917  | 3855  | 8222  | 4132  | 9664  | 4423  |
| HJZ044D | 115F0096             | 115F0882               | 115F0296      | E               | MTZ44      | 38                       | 2838                                            | 2881         | 3580  | 3137  | 4443  | 3399  | 5428  | 3670  | 6535  | 3952  | 7783  | 4245  | 9156  | 4554  |
|         |                      |                        |               |                 |            | 43                       | <b>2538</b>                                     | <b>2917</b>  | 3212  | 3199  | 3994  | 3489  | 4888  | 3788  | 5895  | 4099  | 7034  | 4421  | 8294  | 4761  |
|         |                      |                        |               |                 |            | 32                       | 3738                                            | 3138         | 4730  | 3400  | 5887  | 3666  | 7209  | 3937  | 8696  | 4219  | 10351 | 4514  | 12173 | 4826  |
| HJZ050D | 115F0100             | 115F0883               | 115F0300      | E               | MTZ50      | 35                       | 3551                                            | 3181         | 4496  | 3461  | 5594  | 3745  | 6847  | 4036  | 8260  | 4338  | 9836  | 4653  | 11562 | 4988  |
|         |                      |                        |               |                 |            | 38                       | 3353                                            | 3216         | 4250  | 3515  | 5288  | 3818  | 6471  | 4130  | 7815  | 4451  | 9310  | 4787  | 10949 | 5144  |
|         |                      |                        |               |                 |            | 43                       | <b>3008</b>                                     | <b>3257</b>  | 3820  | 3587  | 4760  | 3923  | 5832  | 4269  | 7049  | 4626  | 8408  | 4999  | 9903  | 5393  |
| HJZ056D | 115F0104             | 115F0884               | 115F0304      | E               | MTZ56      | 32                       | 3814                                            | 3045         | 4944  | 3295  | 6245  | 3542  | 7716  | 3789  | 9353  | 4043  | 11150 | 4307  | 13080 | 4588  |
|         |                      |                        |               |                 |            | 35                       | 3575                                            | 3071         | 4652  | 3337  | 5890  | 3599  | 7290  | 3862  | 8849  | 4131  | 10560 | 4411  | 12410 | 4705  |
|         |                      |                        |               |                 |            | 38                       | 3334                                            | 3092         | 4358  | 3375  | 5533  | 3655  | 6862  | 3934  | 8342  | 4219  | 9968  | 4514  | 11730 | 4825  |
| HJZ064D | 115F0108             | 115F0885               | 115F0308      | E               | MTZ64      | 43                       | 2929                                            | 3119         | 3864  | 3434  | 4934  | 3743  | 6144  | 4053  | 7494  | 4366  | 8982  | 4689  | 10600 | 5027  |
|         |                      |                        |               |                 |            | 32                       | 4215                                            | 3310         | 5500  | 3640  | 6970  | 3964  | 8614  | 4287  | 10428 | 4614  | 12424 | 4944  | 14591 | 5282  |
|         |                      |                        |               |                 |            | 35                       | 3964                                            | 3342         | 5193  | 3693  | 6595  | 4036  | 8162  | 4378  | 9894  | 4722  | 11801 | 5069  | 13858 | 5426  |
| HGZ072D | 115F0111             | 115F0886               | 115F0311      | E               | MTZ72      | 38                       | 3708                                            | 3369         | 4880  | 3742  | 6213  | 4106  | 7703  | 4467  | 9351  | 4830  | 11168 | 5195  | 13132 | 5568  |
|         |                      |                        |               |                 |            | 43                       | <b>3272</b>                                     | <b>3403</b>  | 4345  | 3815  | 5564  | 4216  | 6924  | 4612  | 8428  | 5008  | 10096 | 5404  | 11906 | 5806  |
|         |                      |                        |               |                 |            | 32                       | 4724                                            | 3545         | 6172  | 3903  | 7834  | 4255  | 9702  | 4604  | 11768 | 4957  | 14038 | 5313  | 16548 | 5666  |
| HGZ080D | 115F0114             | 115F0887               | 115F0314      | E               | MTZ80      | 35                       | 4446                                            | 3582         | 5832  | 3962  | 7419  | 4334  | 9199  | 4704  | 11167 | 5077  | 13339 | 5452  | 15726 | 5826  |
|         |                      |                        |               |                 |            | 38                       | 4162                                            | 3614         | 5484  | 4017  | 6994  | 4411  | 8687  | 4803  | 10558 | 5197  | 12630 | 5591  | 14897 | 5987  |
|         |                      |                        |               |                 |            | 43                       | <b>3677</b>                                     | <b>3656</b>  | 4889  | 4099  | 6270  | 4533  | 7818  | 4962  | 9528  | 5392  | 11428 | 5821  | 13510 | 6253  |
| HGZ100D | 115F0117             | 115F0888               | 115F0317      | E               | MTZ100     | 32                       | 5399                                            | 4002         | 6925  | 4411  | 8642  | 4816  | 10543 | 5227  | 12616 | 5654  | 14865 | 6103  | 17318 | 6573  |
|         |                      |                        |               |                 |            | 35                       | 5060                                            | 4041         | 6517  | 4477  | 8158  | 4907  | 9972  | 5344  | 11952 | 5795  | 14100 | 6267  | 16447 | 6760  |
|         |                      |                        |               |                 |            | 38                       | 4724                                            | 4079         | 6112  | 4544  | 7674  | 5002  | 9401  | 5464  | 11287 | 5941  | 13334 | 6438  | 15573 | 6956  |
| HGZ125D | 115F0120             | 115F0889               | 115F0320      | E               | MTZ125     | 43                       | <b>4170</b>                                     | <b>4140</b>  | 5443  | 4657  | 6872  | 5164  | 8453  | 5673  | 10180 | 6195  | 12057 | 6737  | 14114 | 7300  |
|         |                      |                        |               |                 |            | 32                       | 6479                                            | 5359         | 8355  | 5801  | 10498 | 6230  | 12906 | 6657  | 15576 | 7092  | 18517 | 7541  | 21758 | 8006  |
|         |                      |                        |               |                 |            | 35                       | 6077                                            | 5404         | 7873  | 5877  | 9923  | 6334  | 12227 | 6788  | 14785 | 7249  | 17605 | 7722  | 20719 | 8211  |
| HGZ144D | 115F0123             | 115F0890               | 115F0323      | E               | MTZ144     | 38                       | 5678                                            | 5450         | 7392  | 5955  | 9348  | 6443  | 11547 | 6926  | 13991 | 7414  | 16688 | 7914  | 19673 | 8428  |
|         |                      |                        |               |                 |            | 43                       | <b>5021</b>                                     | <b>5525</b>  | 6595  | 6088  | 8392  | 6632  | 10414 | 7167  | 12664 | 7705  | 15154 | 8254  | 17919 | 8814  |
|         |                      |                        |               |                 |            | 32                       | 7120                                            | 5930         | 8986  | 6394  | 11114 | 6857  | 13502 | 7331  | 16144 | 7828  | 19043 | 8353  | 22222 | 8911  |
| HGZ160D | 115F0126             | 115F0891               | 115F0326      | E               | MTZ160     | 35                       | 6737                                            | 6002         | 8526  | 6495  | 10564 | 6984  | 12848 | 7484  | 15375 | 8005  | 18146 | 8555  | 21188 | 9136  |
|         |                      |                        |               |                 |            | 38                       | 6347                                            | 6072         | 8057  | 6596  | 10002 | 7115  | 12182 | 7641  | 14592 | 8188  | 17237 | 8764  | 20143 | 9370  |
|         |                      |                        |               |                 |            | 43                       | <b>5684</b>                                     | <b>6182</b>  | 7257  | 6763  | 9046  | 7334  | 11049 | 7910  | 13267 | 8504  | 15704 | 9124  | 18389 | 9774  |
| HGZ160D | 115F0126             | 115F0891               | 115F0326      | E               | MTZ160     | 32                       | 8559                                            | 6807         | 10970 | 7418  | 13715 | 8031  | 16786 | 8653  | 20166 | 9290  | 23832 | 9948  | 27758 | 10633 |
|         |                      |                        |               |                 |            | 35                       | 8034                                            | 6894         | 10336 | 7542  | 12954 | 8191  | 15883 | 8847  | 19107 | 9516  | 22604 | 10206 | 26348 | 10924 |
|         |                      |                        |               |                 |            | 38                       | 7507                                            | 6965         | 9701  | 7651  | 12192 | 8338  | 14977 | 9029  | 18045 | 9733  | 21374 | 10456 | 24935 | 11207 |
| HGZ160D | 115F0126             | 115F0891               | 115F0326      | E               | MTZ160     | 43                       | <b>6620</b>                                     | <b>7044</b>  | 8633  | 7798  | 10913 | 8549  | 13461 | 9304  | 16268 | 10068 | 19314 | 10850 | 22569 | 11660 |
|         |                      |                        |               |                 |            | 32                       | 11531                                           | 8367         | 14853 | 9114  | 18674 | 9844  | 22999 | 10568 | 27820 | 11294 | 33126 | 12033 | 38899 | 12793 |
|         |                      |                        |               |                 |            | 35                       | 10828                                           | 8489         | 14006 | 9287  | 17659 | 10066 | 21794 | 10836 | 26406 | 11606 | 31485 | 12388 | 37013 | 13188 |
| HGZ160D | 115F0126             | 115F0891               | 115F0326      | E               | MTZ160     | 38                       | 10123                                           | 8589         | 13155 | 9441  | 16638 | 10270 | 20582 | 11088 | 24985 | 11904 | 29836 | 12729 | 35119 | 13573 |
|         |                      |                        |               |                 |            | 43                       | <b>8941</b>                                     | <b>8706</b>  | 11726 | 9650  | 14924 | 10569 | 18548 | 11471 | 22599 | 12367 | 27069 | 13269 | 31941 | 14187 |
|         |                      |                        |               |                 |            | 32                       | 13487                                           | 9566         | 16741 | 10375 | 20442 | 11162 | 24599 | 11963 | 29211 | 12810 | 34273 | 13726 | 39776 | 14732 |
| HGZ160D | 115F0126             | 115F0891               | 115F0326      | E               | MTZ160     | 35                       | 12698                                           | 9757         | 15817 | 10633 | 19366 | 11468 | 23353 | 12302 | 27778 | 13166 | 32634 | 14488 | 37910 | 15091 |
|         |                      |                        |               |                 |            | 38                       | 11912                                           | 9907         | 14894 | 10857 | 18288 | 11749 | 22102 | 12621 | 26338 | 13509 | 30987 | 14043 | 36032 | 15448 |
|         |                      |                        |               |                 |            | 43                       | <b>10604</b>                                    | <b>10052</b> | 13354 | 11146 | 16484 | 12148 | 20006 | 13101 | 23919 | 14044 | 28213 | 15011 | 32862 | 16032 |
| HGZ160D | 115F0126             | 115F0891               | 115F0326      | E               | MTZ160     | 32                       | 14757                                           | 10704        | 18269 | 11599 | 22239 | 12530 | 26671 | 13528 | 31559 | 14620 | 36887 | 15832 | 42635 | 17188 |
|         |                      |                        |               |                 |            | 35                       | 13886                                           | 10880        | 17251 | 11836 | 21055 | 12819 | 25302 | 13863 | 29986 | 14994 | 35090 | 16243 | 40586 | 17635 |
|         |                      |                        |               |                 |            | 38                       | 13017                                           | 11031        | 16235 | 12052 | 19870 | 13094 | 23930 | 14187 | 28407 | 15364 | 33281 | 16654 | 38521 | 18087 |
| HGZ160D | 115F0126             | 115F0891               | 115F0326      | E               | MTZ160     | 43                       | <b>11572</b>                                    | <b>11221</b> | 14538 | 12366 | 17886 | 13515 | 21627 | 14704 | 25751 | 15966 | 30235 | 17336 | 35032 | 18857 |
|         |                      |                        |               |                 |            |                          |                                                 |              |       |       |       |       |       |       |       |       |       |       |       |       |
|         |                      |                        |               |                 |            |                          |                                                 |              |       |       |       |       |       |       |       |       |       |       |       |       |

| Model   | Version code         |                        |               | Electrical Code | Compressor | Ambient temperature (°C) | Cooling capacity (W) at evaporating temperature |      |       |      |       |      |       |      |       |       |       |       |
|---------|----------------------|------------------------|---------------|-----------------|------------|--------------------------|-------------------------------------------------|------|-------|------|-------|------|-------|------|-------|-------|-------|-------|
|         | D20                  | D20 IRAM Certification | D39           |                 |            |                          | -15°C                                           |      | -10°C |      | -5°C  |      | 0°C   |      | 5°C   |       | 10°C  |       |
|         |                      |                        |               |                 |            |                          | CC                                              | PC   | CC    | PC   | CC    | PC   | CC    | PC   | CC    | PC    | CC    | PC    |
| HJZ019D | 115F0066<br>115F0068 | 115F0871<br>115F0872   | -<br>115F0272 | G<br>E          | MTZ19      | 32                       | 1086                                            | 919  | 1462  | 992  | 1910  | 1053 | 2432  | 1102 | 3030  | 1140  | 3704  | 1165  |
|         |                      |                        |               |                 |            | 35                       | 1026                                            | 924  | 1387  | 1004 | 1817  | 1072 | 2317  | 1129 | 2891  | 1174  | 3539  | 1208  |
|         |                      |                        |               |                 |            | 38                       | 966                                             | 927  | 1314  | 1014 | 1725  | 1090 | 2205  | 1154 | 2754  | 1207  | 3376  | 1249  |
|         |                      |                        |               |                 |            | 43                       | 868                                             | 929  | 1193  | 1027 | 1576  | 1115 | 2021  | 1192 | 2531  | 1257  | 3110  | 1311  |
| HJZ022D | 115F0071<br>115F0073 | 115F0873<br>115F0874   | -<br>115F0276 | G<br>E          | MTZ22      | 32                       | 1442                                            | 1041 | 1913  | 1127 | 2469  | 1208 | 3113  | 1283 | 3848  | 1351  | 4675  | 1413  |
|         |                      |                        |               |                 |            | 35                       | 1361                                            | 1048 | 1811  | 1141 | 2344  | 1229 | 2962  | 1311 | 3669  | 1387  | 4465  | 1457  |
|         |                      |                        |               |                 |            | 38                       | 1282                                            | 1055 | 1712  | 1154 | 2221  | 1248 | 2814  | 1337 | 3493  | 1421  | 4260  | 1499  |
|         |                      |                        |               |                 |            | 43                       | 1159                                            | 1064 | 1554  | 1172 | 2024  | 1277 | 2574  | 1378 | 3207  | 1474  | 3924  | 1565  |
| HJZ028D | 115F0076<br>115F0078 | 115F0875<br>115F0876   | -<br>115F0280 | G<br>E          | MTZ28      | 32                       | 1803                                            | 1850 | 2397  | 1951 | 3105  | 2047 | 3931  | 2138 | 4878  | 2224  | 5949  | 2305  |
|         |                      |                        |               |                 |            | 35                       | 1712                                            | 1873 | 2282  | 1981 | 2960  | 2085 | 3753  | 2184 | 4663  | 2278  | 5694  | 2367  |
|         |                      |                        |               |                 |            | 38                       | 1624                                            | 1892 | 2169  | 2009 | 2817  | 2121 | 3576  | 2229 | 4449  | 2331  | 5440  | 2429  |
|         |                      |                        |               |                 |            | 43                       | 1484                                            | 1917 | 1985  | 2049 | 2584  | 2177 | 3286  | 2299 | 4097  | 2417  | 5020  | 2529  |
| HJZ032D | 115F0081<br>115F0083 | 115F0877<br>115F0878   | -<br>115F0284 | G<br>E          | MTZ32      | 32                       | 2181                                            | 1978 | 2859  | 2099 | 3650  | 2216 | 4559  | 2327 | 5588  | 2433  | 6739  | 2534  |
|         |                      |                        |               |                 |            | 35                       | 2059                                            | 1993 | 2710  | 2123 | 3471  | 2249 | 4346  | 2370 | 5338  | 2487  | 6450  | 2598  |
|         |                      |                        |               |                 |            | 38                       | 1938                                            | 2005 | 2563  | 2145 | 3293  | 2281 | 4134  | 2412 | 5089  | 2539  | 6160  | 2661  |
|         |                      |                        |               |                 |            | 43                       | 1744                                            | 2019 | 2323  | 2176 | 3001  | 2329 | 3784  | 2478 | 4676  | 2622  | 5679  | 2763  |
| HJZ036D | 115F0086<br>115F0088 | 115F0879<br>115F0880   | -<br>115F0288 | G<br>E          | MTZ36      | 32                       | 2435                                            | 2135 | 3192  | 2258 | 4083  | 2378 | 5113  | 2500 | 6310  | 2623  | 7680  | 2749  |
|         |                      |                        |               |                 |            | 35                       | 2319                                            | 2167 | 3054  | 2304 | 3916  | 2436 | 4914  | 2569 | 6075  | 2698  | 7409  | 2830  |
|         |                      |                        |               |                 |            | 38                       | 2198                                            | 2192 | 2909  | 2345 | 3742  | 2490 | 4705  | 2634 | 5830  | 2773  | 7128  | 2911  |
|         |                      |                        |               |                 |            | 43                       | 1983                                            | 2215 | 2653  | 2397 | 3435  | 2569 | 4339  | 2735 | 5401  | 2893  | 6639  | 3044  |
| HJZ040D | 115F0092             | 115F0881               | 115F0292      | E               | MTZ40      | 32                       | 2990                                            | 2413 | 3889  | 2558 | 4945  | 2700 | 6172  | 2843 | 7571  | 2992  | 9145  | 3150  |
|         |                      |                        |               |                 |            | 35                       | 2832                                            | 2446 | 3696  | 2601 | 4713  | 2753 | 5896  | 2905 | 7250  | 3061  | 8775  | 3227  |
|         |                      |                        |               |                 |            | 38                       | 2678                                            | 2476 | 3506  | 2642 | 4482  | 2805 | 5622  | 2966 | 6928  | 3131  | 8406  | 3305  |
|         |                      |                        |               |                 |            | 43                       | 2430                                            | 2523 | 3197  | 2708 | 4103  | 2889 | 5168  | 3068 | 6396  | 3249  | 7790  | 3436  |
| HJZ044D | 115F0096             | 115F0882               | 115F0296      | E               | MTZ44      | 32                       | 2976                                            | 2317 | 4003  | 2482 | 5210  | 2630 | 6603  | 2761 | 8184  | 2877  | 9946  | 2979  |
|         |                      |                        |               |                 |            | 35                       | 2794                                            | 2336 | 3778  | 2515 | 4938  | 2676 | 6280  | 2821 | 7804  | 2951  | 9507  | 3067  |
|         |                      |                        |               |                 |            | 38                       | 2618                                            | 2353 | 3559  | 2545 | 4672  | 2720 | 5961  | 2879 | 7429  | 3022  | 9073  | 3152  |
|         |                      |                        |               |                 |            | 43                       | 2340                                            | 2379 | 3209  | 2592 | 4240  | 2789 | 5440  | 2970 | 6814  | 3136  | 8358  | 3289  |
| HJZ050D | 115F0100             | 115F0883               | 115F0300      | E               | MTZ50      | 32                       | 3382                                            | 2501 | 4416  | 2674 | 5644  | 2842 | 7078  | 3001 | 8725  | 3151  | 10587 | 3291  |
|         |                      |                        |               |                 |            | 35                       | 3202                                            | 2534 | 4191  | 2722 | 5367  | 2903 | 6743  | 3077 | 8325  | 3243  | 10119 | 3398  |
|         |                      |                        |               |                 |            | 38                       | 3026                                            | 2563 | 3971  | 2765 | 5095  | 2961 | 6413  | 3151 | 7931  | 3332  | 9656  | 3502  |
|         |                      |                        |               |                 |            | 43                       | 2742                                            | 2598 | 3614  | 2825 | 4653  | 3048 | 5874  | 3265 | 7287  | 3472  | 8897  | 3671  |
| HJZ056D | 115F0104             | 115F0884               | 115F0304      | E               | MTZ56      | 32                       | 3584                                            | 2625 | 4792  | 2828 | 6222  | 3021 | 7883  | 3204 | 9779  | 3377  | 11940 | 3538  |
|         |                      |                        |               |                 |            | 35                       | 3368                                            | 2651 | 4523  | 2867 | 5895  | 3074 | 7493  | 3272 | 9322  | 3462  | 11399 | 3642  |
|         |                      |                        |               |                 |            | 38                       | 3163                                            | 2675 | 4264  | 2904 | 5577  | 3125 | 7111  | 3339 | 8872  | 3544  | 10864 | 3743  |
|         |                      |                        |               |                 |            | 43                       | 2845                                            | 2714 | 3854  | 2964 | 5066  | 3209 | 6492  | 3446 | 8138  | 3678  | 10009 | 3904  |
| HJZ064D | 115F0108             | 115F0885               | 115F0308      | E               | MTZ64      | 32                       | 4048                                            | 2870 | 5341  | 3123 | 6857  | 3372 | 8604  | 3617 | 10583 | 3860  | 12794 | 4104  |
|         |                      |                        |               |                 |            | 35                       | 3811                                            | 2903 | 5051  | 3171 | 6508  | 3435 | 8190  | 3696 | 10099 | 3956  | 12236 | 4216  |
|         |                      |                        |               |                 |            | 38                       | 3581                                            | 2933 | 4767  | 3216 | 6164  | 3496 | 7780  | 3773 | 9619  | 4048  | 11681 | 4325  |
|         |                      |                        |               |                 |            | 43                       | 3214                                            | 2979 | 4308  | 3287 | 5603  | 3592 | 7109  | 3896 | 8829  | 4198  | 10766 | 4502  |
| HGZ072D | 115F0111             | 115F0886               | 115F0311      | E               | MTZ72      | 32                       | 4735                                            | 4069 | 6220  | 4329 | 7985  | 4587 | 10045 | 4841 | 12426 | 5089  | 15137 | 5330  |
|         |                      |                        |               |                 |            | 35                       | 4479                                            | 4106 | 5905  | 4383 | 7603  | 4658 | 9590  | 4930 | 11885 | 5198  | 14510 | 5459  |
|         |                      |                        |               |                 |            | 38                       | 4228                                            | 4140 | 5594  | 4434 | 7225  | 4726 | 9137  | 5017 | 11344 | 5306  | 13884 | 5587  |
|         |                      |                        |               |                 |            | 43                       | 3824                                            | 4190 | 5087  | 4512 | 6603  | 4834 | 8390  | 5155 | 10461 | 5476  | 12840 | 5794  |
| HGZ080D | 115F0114             | 115F0887               | 115F0314      | E               | MTZ80      | 32                       | 5344                                            | 4406 | 7034  | 4705 | 9033  | 5009 | 11349 | 5321 | 13991 | 5646  | 16959 | 5988  |
|         |                      |                        |               |                 |            | 35                       | 5036                                            | 4450 | 6656  | 4767 | 8577  | 5089 | 10810 | 5418 | 13362 | 5761  | 16237 | 6120  |
|         |                      |                        |               |                 |            | 38                       | 4739                                            | 4491 | 6287  | 4826 | 8129  | 5166 | 10277 | 5514 | 12738 | 5874  | 15516 | 6251  |
|         |                      |                        |               |                 |            | 43                       | 4271                                            | 4550 | 5693  | 4918 | 7399  | 5289 | 9401  | 5669 | 11708 | 6060  | 14324 | 6467  |
| HGZ100D | 115F0117             | 115F0888               | 115F0317      | E               | MTZ100     | 32                       | 6594                                            | 5133 | 8600  | 5481 | 10976 | 5818 | 13741 | 6147 | 16909 | 6467  | 20484 | 6781  |
|         |                      |                        |               |                 |            | 35                       | 6263                                            | 5196 | 8194  | 5568 | 10479 | 5930 | 13142 | 6281 | 16199 | 6624  | 19657 | 6960  |
|         |                      |                        |               |                 |            | 38                       | 5935                                            | 5253 | 7791  | 5650 | 9988  | 6036 | 12551 | 6412 | 15498 | 6778  | 18840 | 7136  |
|         |                      |                        |               |                 |            | 43                       | 5389                                            | 5334 | 7126  | 5775 | 9179  | 6204 | 11579 | 6621 | 14349 | 7027  | 17502 | 7423  |
| HGZ125D | 115F0120             | 115F0889               | 115F0320      | E               | MTZ125     | 32                       | 8952                                            | 6017 | 11570 | 6447 | 14710 | 6880 | 18413 | 7320 | 22707 | 7772  | 27600 | 8240  |
|         |                      |                        |               |                 |            | 35                       | 8581                                            | 6112 | 11101 | 6567 | 14123 | 7025 | 17689 | 7490 | 21829 | 7965  | 26555 | 8456  |
|         |                      |                        |               |                 |            | 38                       | 8205                                            | 6202 | 10630 | 6683 | 13535 | 7167 | 16965 | 7657 | 20953 | 8157  | 25513 | 8672  |
|         |                      |                        |               |                 |            | 43                       | 7570                                            | 6342 | 9837  | 6868 | 12549 | 7397 | 15757 | 7930 | 19495 | 8472  | 23785 | 9028  |
| HGZ144D | 115F0123             | 115F0890               | 115F0323      | E               | MTZ144     | 32                       | 10300                                           | 6765 | 13285 | 7274 | 16798 | 7792 | 20867 | 8319 | 25518 | 8858  | 30769 | 9409  |
|         |                      |                        |               |                 |            | 35                       | 9770                                            | 6856 | 12640 | 7395 | 16027 | 7940 | 19963 | 8494 | 24474 | 9057  | 29583 | 9632  |
|         |                      |                        |               |                 |            | 38                       | 9254                                            | 6943 | 12007 | 7512 | 15267 | 8087 | 19066 | 8668 | 23437 | 9258  | 28404 | 9857  |
|         |                      |                        |               |                 |            | 43                       | 8428                                            | 7076 | 10981 | 7700 | 14024 | 8326 | 17594 | 8957 | 21728 | 9592  | 26459 | 10234 |
| HGZ160D | 115F0126             | 115F0891               | 115F0326      | E               | MTZ160     | 32                       | 11713                                           | 7474 | 14974 | 8074 | 18785 | 8688 | 23176 | 9325 | 28168 | 9989  | 33779 | 10687 |
|         |                      |                        |               |                 |            | 35                       | 11113                                           | 7561 | 14254 | 8192 | 17934 | 8837 | 22182 | 9502 | 27025 | 10194 | 32483 | 10918 |
|         |                      |                        |               |                 |            | 38                       | 10522                                           | 7645 | 13543 | 8309 | 17090 | 8985 | 21196 | 9680 | 25890 | 10400 | 31194 | 11151 |
|         |                      |                        |               |                 |            | 43                       | 9564                                            | 7773 | 12380 | 8496 | 15702 | 9229 | 19570 | 9977 | 24015 | 10746 | 29067 | 11540 |

| Model   | Version code |                        | Electrical Code | Compressor | Ambient temperature (°C) | Cooling capacity (W) at evaporating temperature |      |       |      |       |      |       |      |       |       |       |       |       |       |
|---------|--------------|------------------------|-----------------|------------|--------------------------|-------------------------------------------------|------|-------|------|-------|------|-------|------|-------|-------|-------|-------|-------|-------|
|         | D49          | D49 IRAM Certification |                 |            |                          | -40°C                                           |      | -35°C |      | -30°C |      | -25°C |      | -20°C |       | -15°C |       | -10°C |       |
|         |              |                        |                 |            |                          | CC                                              | PC   | CC    | PC   | CC    | PC   | CC    | PC   | CC    | PC    | CC    | PC    | CC    | PC    |
| LJZ048D | 115F0467     | 115F0892               | E               | NTZ048     | 32                       | 707                                             | 958  | 1049  | 1171 | 1452  | 1389 | 1915  | 1609 | 2438  | 1828  | 3020  | 2044  | 3659  | 2256  |
|         |              |                        |                 |            | 35                       | 640                                             | 939  | 965   | 1159 | 1347  | 1387 | 1785  | 1617 | 2280  | 1849  | 2831  | 2078  | 3436  | 2303  |
|         |              |                        |                 |            | 38                       | 572                                             | 917  | 881   | 1144 | 1242  | 1380 | 1655  | 1621 | 2122  | 1864  | 2642  | 2106  | 3214  | 2344  |
|         |              |                        |                 |            | 43                       | -                                               | -    | 743   | 1110 | 1069  | 1360 | 1441  | 1617 | 1862  | 1878  | 2330  | 2139  | 2847  | 2399  |
| LJZ068D | 115F0418     | 115F0893               | E               | NTZ068     | 32                       | 1224                                            | 1552 | 1685  | 1794 | 2216  | 2055 | 2814  | 2342 | 3479  | 2661  | 4203  | 3020  | 4982  | 3427  |
|         |              |                        |                 |            | 35                       | 1123                                            | 1558 | 1562  | 1810 | 2065  | 2082 | 2632  | 2381 | 3261  | 2712  | 3948  | 3084  | 4687  | 3506  |
|         |              |                        |                 |            | 38                       | 1027                                            | 1561 | 1443  | 1824 | 1919  | 2108 | 2455  | 2419 | 3049  | 2763  | 3698  | 3149  | 4399  | 3585  |
|         |              |                        |                 |            | 43                       | -                                               | -    | 1254  | 1845 | 1685  | 2149 | 2169  | 2481 | 2706  | 2849  | 3293  | 3259  | 3931  | 3720  |
| LJZ096D | 115F0422     | 115F0894               | E               | NTZ096     | 32                       | 1542                                            | 2329 | 2182  | 2662 | 2985  | 3011 | 3969  | 3383 | 5150  | 3784  | 6543  | 4223  | 8165  | 4711  |
|         |              |                        |                 |            | 35                       | 1398                                            | 2296 | 2005  | 2642 | 2768  | 3011 | 3705  | 3406 | 4831  | 3834  | 6162  | 4305  | 7715  | 4828  |
|         |              |                        |                 |            | 38                       | 1253                                            | 2258 | 1826  | 2616 | 2548  | 3001 | 3436  | 3418 | 4507  | 3872  | 5775  | 4373  | 7258  | 4929  |
|         |              |                        |                 |            | 43                       | -                                               | -    | 1528  | 2558 | 2178  | 2966 | 2983  | 3415 | 3959  | 3908  | 5121  | 4454  | 6486  | 5062  |
| LJZ108D | 115F0426     | 115F0895               | E               | NTZ108     | 32                       | 1758                                            | 2593 | 2486  | 2981 | 3354  | 3383 | 4364  | 3804 | 5508  | 4250  | 6779  | 4730  | 8166  | 5249  |
|         |              |                        |                 |            | 35                       | 1593                                            | 2563 | 2287  | 2967 | 3110  | 3386 | 4067  | 3826 | 5151  | 4292  | 6355  | 4791  | 7670  | 5331  |
|         |              |                        |                 |            | 38                       | 1430                                            | 2525 | 2089  | 2945 | 2867  | 3382 | 3771  | 3841 | 4794  | 4327  | 5931  | 4846  | 7176  | 5407  |
|         |              |                        |                 |            | 43                       | -                                               | -    | 1764  | 2889 | 2467  | 3356 | 3281  | 3847 | 4203  | 4367  | 5229  | 4921  | 6355  | 5517  |
| LJZ136D | 115F0430     | 115F0896               | E               | NTZ136     | 32                       | 2379                                            | 3262 | 3292  | 3798 | 4388  | 4341 | 5677  | 4898 | 7166  | 5479  | 8858  | 6094  | 10750 | 6759  |
|         |              |                        |                 |            | 35                       | 2180                                            | 3236 | 3049  | 3787 | 4091  | 4352 | 5316  | 4937 | 6733  | 5549  | 8345  | 6201  | 10150 | 6907  |
|         |              |                        |                 |            | 38                       | 1983                                            | 3204 | 2807  | 3770 | 3795  | 4357 | 4956  | 4968 | 6301  | 5613  | 7833  | 6301  | 9553  | 7048  |
|         |              |                        |                 |            | 43                       | -                                               | -    | 2410  | 3736 | 3306  | 4357 | 4360  | 5011 | 5583  | 5708  | 6980  | 6457  | 8555  | 7273  |
| LGZ215D | 115F0433     | 115F0897               | E               | NTZ215     | 32                       | 3640                                            | 5193 | 5093  | 5916 | 6800  | 6693 | 8778  | 7518 | 11040 | 8391  | 13590 | 9315  | 16420 | 10290 |
|         |              |                        |                 |            | 35                       | 3290                                            | 5166 | 4683  | 5924 | 6318  | 6742 | 8209  | 7615 | 10370 | 8540  | 12810 | 9519  | 15520 | 10560 |
|         |              |                        |                 |            | 38                       | 2937                                            | 5116 | 4269  | 5910 | 5828  | 6769 | 7630  | 7687 | 9687  | 8663  | 12010 | 9697  | 14600 | 10800 |
|         |              |                        |                 |            | 43                       | -                                               | -    | 3573  | 5834 | 4999  | 6759 | 6646  | 7753 | 8527  | 8812  | 10650 | 9936  | 13030 | 11130 |
| LGZ271D | 115F0436     | 115F0898               | E               | NTZ271     | 32                       | 4941                                            | 6410 | 6760  | 7362 | 8874  | 8383 | 11290 | 9477 | 14010 | 10650 | 17000 | 11920 | 20280 | 13280 |
|         |              |                        |                 |            | 35                       | 4549                                            | 6415 | 6279  | 7401 | 8286  | 8457 | 10580 | 9588 | 13160 | 10800 | 16000 | 12100 | 19110 | 13500 |
|         |              |                        |                 |            | 38                       | 4157                                            | 6405 | 5797  | 7425 | 7694  | 8516 | 9860  | 9683 | 12300 | 10930 | 15000 | 12270 | 17950 | 13710 |
|         |              |                        |                 |            | 43                       | -                                               | -    | 4993  | 7429 | 6705  | 8580 | 8655  | 9809 | 10860 | 11120 | 13310 | 12520 | 16000 | 14020 |

Superheat 18K  
Subcooling 3K

CC: Cooling capacity (W)  
PC: Power input (W)

**Mechanical components**

| Application | Consensing Unit Model | Condenser (1) |       | Fan Motor (2) |        | Receiver   |        | Suction accumulator (3) | Oil separator (3) | Basket Filter | Filter Drier |        |
|-------------|-----------------------|---------------|-------|---------------|--------|------------|--------|-------------------------|-------------------|---------------|--------------|--------|
|             |                       | Code          | Model | Code          | Ø (mm) | Code       | Liters | Code                    | Code              | Code          | Code         | Model  |
| MBP         | HJM(Z)019             | 193U8018E     | D8    | 119-8253E     | 350    | 118U600908 | 4      | 119U006010              | 191U007610        | 191U9905      | 023Z5040     | DML083 |
|             | HJM(Z)022             | 193U8018E     | D8    | 119-8253E     | 350    | 118U600908 | 4      | 119U006010              | 191U007610        | 191U9905      | 023Z5040     | DML083 |
|             | HJM(Z)028             | 191U0643E     | G8    | 119-8254E     | 450    | 118U601008 | 6      | 191U006110              | 191U007610        | 191U9905      | 023Z5041     | DML084 |
|             | HJM(Z)032             | 191U0643E     | G8    | 119-8254E     | 450    | 118U601108 | 8      | 191U006110              | 191U007710        | 191U9906      | 023Z5041     | DML084 |
|             | HJM(Z)036             | 191U0643E     | G8    | 119-8254E     | 450    | 118U601108 | 8      | 191U006110              | 191U007710        | 191U9906      | 023Z5041     | DML084 |
|             | HJM(Z)040             | 191U0644E     | J8    | 119-8254E     | 450    | 118U601108 | 8      | 191U006110              | 191U007710        | 191U9906      | 023Z5044     | DML164 |
|             | HJM(Z)044             | 191U0644E     | J8    | 119-8254E     | 450    | 118U601108 | 8      | 191U006310              | 191U007710        | 191U9907      | 023Z5044     | DML164 |
|             | HJM(Z)050             | 191U0644E     | J8    | 119-8254E     | 450    | 118U601108 | 8      | 191U006310              | 191U007710        | 191U9907      | 023Z5044     | DML164 |
|             | HJM(Z)056             | 191U0644E     | J8    | 119-8254E     | 450    | 118U601108 | 8      | 191U006310              | 191U007710        | 191U9907      | 023Z5044     | DML164 |
|             | HJM(Z)064             | 191U0644E     | J8    | 119-8254E     | 450    | 118U601108 | 8      | 191U006310              | 191U007710        | 191U9907      | 023Z5044     | DML164 |
|             | HGM(Z)072             | 191U0645E     | N8    | 119-8254E     | 450    | 118U6013   | 14     | 191U006410              | 191U007710        | 191U9907      | 023Z5045     | DML165 |
|             | HGM(Z)080             | 191U0645E     | N8    | 119-8254E     | 450    | 118U6013   | 14     | 191U006410              | 191U007710        | 191U9907      | 023Z5045     | DML165 |
|             | HGM(Z)100             | 191U0645E     | N8    | 119-8254E     | 450    | 118U6013   | 14     | 191U006410              | 191U007710        | 191U9907      | 023Z5045     | DML165 |
|             | HGM(Z)125             | 193U8025E     | Q8    | 119-8255E     | 600    | 118U6014   | 18     | 191U006610              | 191U007810        | 191U9907      | 023Z5046     | DML166 |
|             | HGM(Z)144             | 193U8025E     | Q8    | 119-8255E     | 600    | 118U6014   | 18     | 191U006610              | 191U007810        | 191U9907      | 023Z5046     | DML166 |
|             | HGM(Z)160             | 193U8025E     | Q8    | 119-8255E     | 600    | 118U6014   | 18     | 191U006610              | 191U007810        | 191U9907      | 023Z5046     | DML166 |
| LBP         | LJZ048                | 193U8018E     | D8    | 119-8253E     | 300    | 118U600908 | 4      | 191U006010              | 191U007610        | 191U9906      | 023Z5040     | DML083 |
|             | LJZ068                | 193U8018E     | D8    | 119-8253E     | 300    | 118U601108 | 8      | 191U006110              | 191U007610        | 191U9906      | 023Z5040     | DML083 |
|             | LJZ096                | 191U0643E     | G8    | 119-8254E     | 450    | 118U601108 | 8      | 191U006310              | 191U007710        | 191U9907      | 023Z5044     | DML164 |
|             | LJZ108                | 191U0643E     | G8    | 119-8254E     | 450    | 118U601108 | 8      | 191U006310              | 191U007710        | 191U9907      | 023Z5044     | DML164 |
|             | LJZ136                | 191U0644E     | J8    | 119-8254E     | 450    | 118U601108 | 8      | 191U006310              | 191U007710        | 191U9907      | 023Z5044     | DML164 |
|             | LGZ215                | 191U0645E     | N8    | 119-8254E     | 450    | 118U6013   | 14     | 191U006410              | 191U007710        | 191U9907      | 023Z5045     | DML165 |
|             | LGZ271                | 191U0645E     | N8    | 119-8254E     | 450    | 118U6013   | 14     | 191U006410              | 191U007710        | 191U9907      | 023Z5045     | DML165 |

| Application | Consensing Unit Model | Sight Glass |       | Service Valve code (5) |                        |                        | Housing (4)   |       |
|-------------|-----------------------|-------------|-------|------------------------|------------------------|------------------------|---------------|-------|
|             |                       | Code        | Model | Suction                | Discharge              | Liquid Line            | Code          | Model |
| MBP         | HJM(Z)019             | 014L0172    | SGP10 | 6804501V06 or 193U1216 | 6804501V06 or 193U1216 | 6804500V01 or 193U1214 | 191U127367    | D8    |
|             | HJM(Z)022             | 014L0172    | SGP10 | 6804501V06 or 193U1216 | 6804501V06 or 193U1216 | 6804500V01 or 193U1214 | 191U127367    | D8    |
|             | HJM(Z)028             | 014L0173    | SGP12 | 6804501V06 or 193U1216 | 6804501V06 or 193U1216 | 6804501V06 or 193U1216 | 191U127467    | G8    |
|             | HJM(Z)032             | 014L0173    | SGP12 | 6804502V09 or 193U1217 | 6804501V06 or 193U1216 | 6804501V06 or 193U1216 | 191U127467    | G8    |
|             | HJM(Z)036             | 014L0173    | SGP12 | 6804502V09 or 193U1217 | 6804501V06 or 193U1216 | 6804501V06 or 193U1216 | 191U127467    | G8    |
|             | HJM(Z)040             | 014L0173    | SGP12 | 6804502V09 or 193U1217 | 6804501V06 or 193U1216 | 6804501V06 or 193U1216 | 191U127667    | J8    |
|             | HJM(Z)044             | 014L0173    | SGP12 | 6804505V07 or 193U1220 | 6804502V09 or 193U1217 | 6804501V06 or 193U1216 | 191U127667    | J8    |
|             | HJM(Z)050             | 014L0173    | SGP12 | 6804505V07 or 193U1220 | 6804502V09 or 193U1217 | 6804501V06 or 193U1216 | 191U127667    | J8    |
|             | HJM(Z)056             | 014L0173    | SGP12 | 6804505V07 or 193U1220 | 6804502V09 or 193U1217 | 6804501V06 or 193U1216 | 191U127667    | J8    |
|             | HJM(Z)064             | 014L0173    | SGP12 | 6804505V07 or 193U1220 | 6804503V04 or 193U1218 | 6804501V06 or 193U1216 | 191U127667    | J8    |
|             | HGM(Z)072             | 014L0174    | SGP16 | 6804506V02 or 193U1221 | 6804503V04 or 193U1218 | 6804507V10 or 193U1223 | 191U127767    | N8    |
|             | HGM(Z)080             | 014L0174    | SGP16 | 6804506V02 or 193U1221 | 6804503V04 or 193U1218 | 6804507V10 or 193U1223 | 191U127767    | N8    |
|             | HGM(Z)100             | 014L0174    | SGP16 | 6804506V02 or 193U1221 | 6804503V04 or 193U1218 | 6804507V10 or 193U1223 | 191U127767    | N8    |
|             | HGM(Z)125             | 014L0175    | SGP19 | 6804506V02 or 193U1221 | 6804504V05 or 193U1219 | 6804507V10 or 193U1223 | 191U127867    | Q8    |
|             | HGM(Z)144             | 014L0175    | SGP19 | 6804506V02 or 193U1221 | 6804504V05 or 193U1219 | 6804507V10 or 193U1223 | 191U127867    | Q8    |
|             | HGM(Z)160             | 014L0175    | SGP19 | 6804506V02 or 193U1221 | 6804504V05 or 193U1219 | 6804507V10 or 193U1223 | 191U127867    | Q8    |
| LBP         | LJZ048                | 014L0172    | SGP10 | 6804502V09 or 193U1217 | 6804501V06 or 193U1216 | 6804500V01 or 193U1214 | 191U127367    | D8    |
|             | LJZ068                | 014L0172    | SGP10 | 6804502V09 or 193U1217 | 6804501V06 or 193U1216 | 6804500V01 or 193U1214 | 191U127367    | D8    |
|             | LJZ096                | 014L0173    | SGP12 | 6804505V07 or 193U1220 | 6804502V09 or 193U1217 | 6804501V06 or 193U1216 | Not available | -     |
|             | LJZ108                | 014L0173    | SGP12 | 6804505V07 or 193U1220 | 6804502V09 or 193U1217 | 6804501V06 or 193U1216 | Not available | -     |
|             | LJZ136                | 014L0173    | SGP12 | 6804505V07 or 193U1220 | 6804502V09 or 193U1217 | 6804501V06 or 193U1216 | 191U127667    | J8    |
|             | LGZ215                | 014L0174    | SGP16 | 6804506V02 or 193U1221 | 6804503V04 or 193U1218 | 6804507V10 or 193U1223 | 191U127767    | N8    |
|             | LGZ271                | 014L0174    | SGP16 | 6804506V02 or 193U1221 | 6804503V04 or 193U1218 | 6804507V10 or 193U1223 | 191U127767    | N8    |

(1) The condenser kit consists of a microchannel, hood and seal.

(2) The fan kit is supplied in assembled form with all parts (motor, guard, blades and capacitor).

(3) The oil separator and Suction accumulator are accessories for MBP application models. For LBP application they are spare parts.

(4) The housing is optional for versions D20, D39 and D49.

(5) both valve codes have the same interface and functionality

**Electrical components**

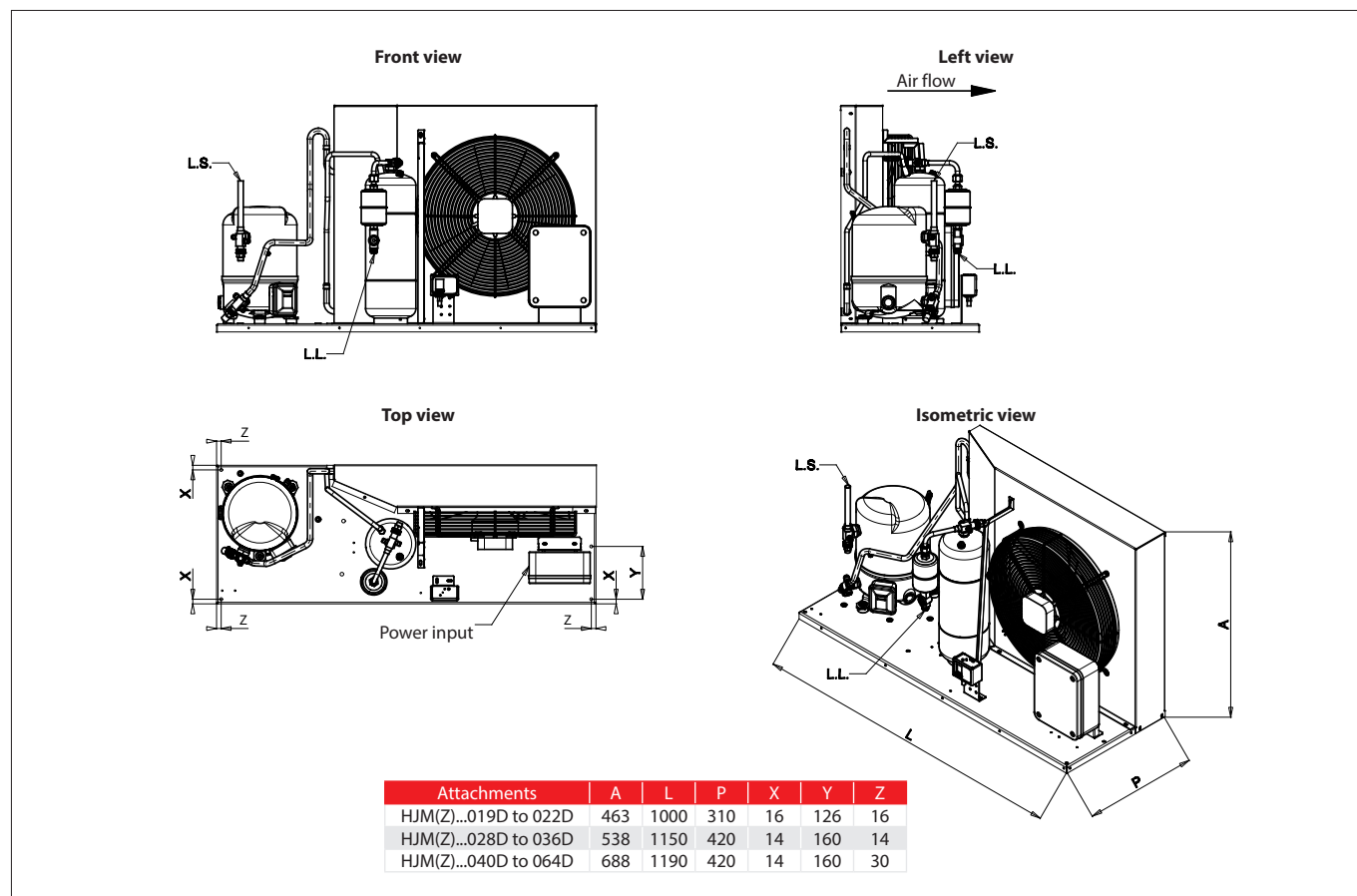
| Application | Consensing Unit Model | Starting Relay | Run Capacitor (440Vac) |      | Start Capacitor (330V) |      | Contactor (A) |          | Circuit Breaker (A) |          |
|-------------|-----------------------|----------------|------------------------|------|------------------------|------|---------------|----------|---------------------|----------|
|             |                       | Code           | Code                   | (μF) | Code                   | (μF) | 230V 1Ph      | 400V 3Ph | 230V 1Ph            | 400V 3Ph |
| MBP         | HJM(Z)019             | 119-8453       | 191U0120               | 30   | 191U0126               | 100  | 9             | 9        | 16                  | 16       |
|             | HJM(Z)022             | 119-8453       | 191U0120               | 30   | 191U0126               | 100  | 12            | 9        | 16                  | 16       |
|             | HJM(Z)028             | 119-8453       | 191U0120               | 30   | 191U0126               | 100  | 18            | 9        | 20                  | 16       |
|             | HJM(Z)032             | 119-8453       | 191U0122               | 35   | 191U0129               | 135  | 18            | 9        | 20                  | 16       |
|             | HJM(Z)036             | 119-8453       | 191U0122               | 35   | 191U0129               | 135  | 18            | 9        | 20                  | 16       |
|             | HJM(Z)040             | ---            | ---                    | ---  | ---                    | ---  | ---           | 9        | ---                 | 16       |
|             | HJM(Z)044             | ---            | ---                    | ---  | ---                    | ---  | ---           | 9        | ---                 | 16       |
|             | HJM(Z)050             | ---            | ---                    | ---  | ---                    | ---  | ---           | 9        | ---                 | 16       |
|             | HJM(Z)056             | ---            | ---                    | ---  | ---                    | ---  | ---           | 9        | ---                 | 16       |
|             | HJM(Z)064             | ---            | ---                    | ---  | ---                    | ---  | ---           | 12       | ---                 | 16       |
|             | HGM(Z)072             | ---            | ---                    | ---  | ---                    | ---  | ---           | 18       | ---                 | 20       |
|             | HGM(Z)080             | ---            | ---                    | ---  | ---                    | ---  | ---           | 18       | ---                 | 20       |
|             | HGM(Z)100             | ---            | ---                    | ---  | ---                    | ---  | ---           | 18       | ---                 | 25       |
|             | HGM(Z)125             | ---            | ---                    | ---  | ---                    | ---  | ---           | 25       | ---                 | 32       |
|             | HGM(Z)144             | ---            | ---                    | ---  | ---                    | ---  | ---           | 25       | ---                 | 32       |
|             | HGM(Z)160             | ---            | ---                    | ---  | ---                    | ---  | ---           | 32       | ---                 | 40       |
| LBP         | LJZ048                | ---            | ---                    | ---  | ---                    | ---  | ---           | 9        | ---                 | 16       |
|             | LJZ068                | ---            | ---                    | ---  | ---                    | ---  | ---           | 9        | ---                 | 16       |
|             | LJZ096                | ---            | ---                    | ---  | ---                    | ---  | ---           | 9        | ---                 | 16       |
|             | LJZ108                | ---            | ---                    | ---  | ---                    | ---  | ---           | 9        | ---                 | 16       |
|             | LJZ136                | ---            | ---                    | ---  | ---                    | ---  | ---           | 12       | ---                 | 16       |
|             | LGZ215                | ---            | ---                    | ---  | ---                    | ---  | ---           | 18       | ---                 | 25       |
|             | LGZ271                | ---            | ---                    | ---  | ---                    | ---  | ---           | 25       | ---                 | 32       |

| Application | Consensing Unit Model | Crankcase Heater |         | Phase failure control relay |         | Pressure Switch |       |                |         |
|-------------|-----------------------|------------------|---------|-----------------------------|---------|-----------------|-------|----------------|---------|
|             |                       | Code             | Model   | Model                       | VCA     | (LP)            |       | Cartridge (HP) |         |
|             |                       |                  |         |                             |         | Code            | Model | Code           | Model   |
| MBP         | HJM(Z)019             | 7303292P01A      | PTC 27W | PPNF BVF1-P                 | 208/480 | 060-110191      | KP1   | 061F6050       | ACB 2UB |
|             | HJM(Z)022             | 7303292P01A      | PTC 27W | PPNF BVF1-P                 | 208/480 | 060-110191      | KP1   | 061F6050       | ACB 2UB |
|             | HJM(Z)028             | 7303292P01A      | PTC 27W | PPNF BVF1-P                 | 208/480 | 060-110191      | KP1   | 061F6050       | ACB 2UB |
|             | HJM(Z)032             | 7303292P01A      | PTC 27W | PPNF BVF1-P                 | 208/480 | 060-110191      | KP1   | 061F6050       | ACB 2UB |
|             | HJM(Z)036             | 7303292P01A      | PTC 27W | PPNF BVF1-P                 | 208/480 | 060-110191      | KP1   | 061F6050       | ACB 2UB |
|             | HJM(Z)040             | 7303292P01A      | PTC 27W | PPNF BVF1-P                 | 208/480 | 060-110191      | KP1   | 061F6050       | ACB 2UB |
|             | HJM(Z)044             | 7303292P01A      | PTC 27W | PPNF BVF1-P                 | 208/480 | 060-110191      | KP1   | 061F6050       | ACB 2UB |
|             | HJM(Z)050             | 7303292P01A      | PTC 27W | PPNF BVF1-P                 | 208/480 | 060-110191      | KP1   | 061F6050       | ACB 2UB |
|             | HJM(Z)056             | 7303292P01A      | PTC 27W | PPNF BVF1-P                 | 208/480 | 060-110191      | KP1   | 061F6050       | ACB 2UB |
|             | HJM(Z)064             | 7303292P01A      | PTC 27W | PPNF BVF1-P                 | 208/480 | 060-110191      | KP1   | 061F6050       | ACB 2UB |
|             | HGM(Z)072             | 7303292P01A      | PTC 27W | PPNF BVF1-P                 | 208/480 | 060-110191      | KP1   | 061F6050       | ACB 2UB |
|             | HGM(Z)080             | 7303292P01A      | PTC 27W | PPNF BVF1-P                 | 208/480 | 060-110191      | KP1   | 061F6050       | ACB 2UB |
|             | HGM(Z)100             | 7303292P01A      | PTC 27W | PPNF BVF1-P                 | 208/480 | 060-110191      | KP1   | 061F6050       | ACB 2UB |
|             | HGM(Z)125             | 7303292P01A      | PTC 27W | PPNF BVF1-P                 | 208/480 | 060-110191      | KP1   | 061F6050       | ACB 2UB |
|             | HGM(Z)144             | 7303292P01A      | PTC 27W | PPNF BVF1-P                 | 208/480 | 060-110191      | KP1   | 061F6050       | ACB 2UB |
|             | HGM(Z)160             | 7303292P01A      | PTC 27W | PPNF BVF1-P                 | 208/480 | 060-110191      | KP1   | 061F6050       | ACB 2UB |
| LBP         | LJZ048                | 7303292P01A      | PTC 27W | PPNF BVF1-P                 | 208/480 | 060-110191      | KP1   | 061F6050       | ACB 2UB |
|             | LJZ068                | 7303292P01A      | PTC 27W | PPNF BVF1-P                 | 208/480 | 060-110191      | KP1   | 061F6050       | ACB 2UB |
|             | LJZ096                | 7303292P01A      | PTC 27W | PPNF BVF1-P                 | 208/480 | 060-110191      | KP1   | 061F6050       | ACB 2UB |
|             | LJZ108                | 7303292P01A      | PTC 27W | PPNF BVF1-P                 | 208/480 | 060-110191      | KP1   | 061F6050       | ACB 2UB |
|             | LJZ136                | 7303292P01A      | PTC 27W | PPNF BVF1-P                 | 208/480 | 060-110191      | KP1   | 061F6050       | ACB 2UB |
|             | LGZ215                | 7303292P01A      | PTC 27W | PPNF BVF1-P                 | 208/480 | 060-110191      | KP1   | 061F6050       | ACB 2UB |
|             | LGZ271                | 7303292P01A      | PTC 27W | PPNF BVF1-P                 | 208/480 | 060-110191      | KP1   | 061F6050       | ACB 2UB |

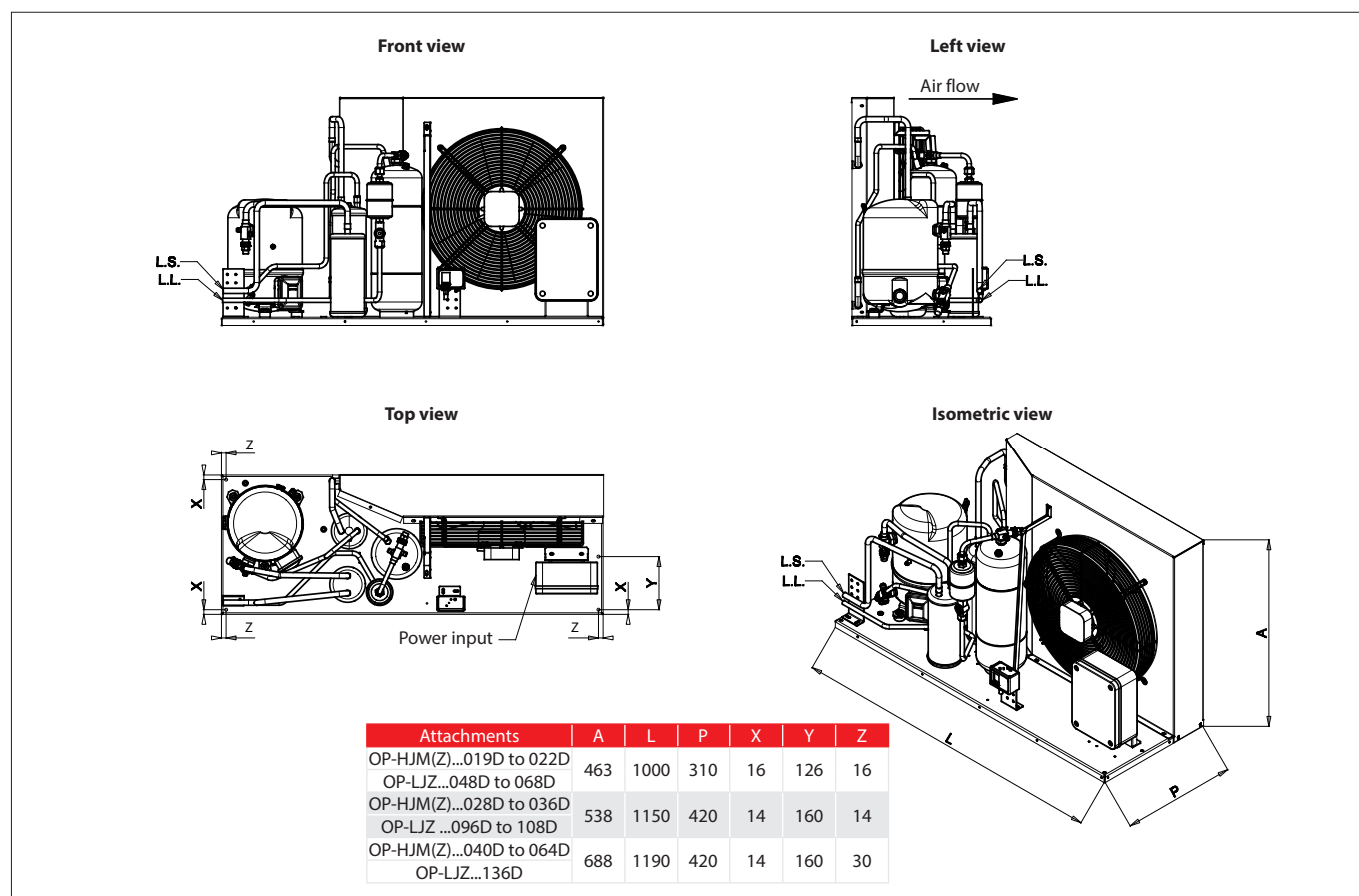
**Compressor**

| Application | Model  | Refrigerant                                           | Compressor       |           |                  |            | Lubricating oil |              |
|-------------|--------|-------------------------------------------------------|------------------|-----------|------------------|------------|-----------------|--------------|
|             |        |                                                       | 230V1Ph 50Hz (G) |           | 400V3Ph 50Hz (E) |            |                 |              |
|             |        |                                                       | Code             | Model     | Code             | Model      | Code            | Volume       |
| MBP         | HJM019 | R22                                                   | MT19-5VI         | MT19-5VI  | MT19-4VI         | MT19-4VI   | 7754001         | 2-liter pack |
|             | HJM022 |                                                       | MT22-5VI         | MT22-5VI  | MT22-4VI         | MT22-4VI   |                 |              |
|             | HJM028 |                                                       | MT28-5VI         | MT28-5VI  | MT28-4VI         | MT28-4VI   |                 |              |
|             | HJM032 |                                                       | MT32-5VI         | MT32-5VI  | MT32-4VI         | MT32-4VI   |                 |              |
|             | HJM036 |                                                       | MT36-5VI         | MT36-5VI  | MT36-4VI         | MT36-4VI   |                 |              |
|             | HJM40  |                                                       | ---              | ---       | MT40-4VI         | MT40-4VI   |                 |              |
|             | HJM44  |                                                       | ---              | ---       | MT44-4VI         | MT44-4VI   |                 |              |
|             | HJM50  |                                                       | ---              | ---       | MT50-4VI         | MT50-4VI   |                 |              |
|             | HJM56  |                                                       | ---              | ---       | MT56-4VI         | MT56-4VI   |                 |              |
|             | HJM64  |                                                       | ---              | ---       | MT64-4VI         | MT64-4VI   |                 |              |
|             | HJM72  |                                                       | ---              | ---       | MT72-4VI         | MT72-4VI   |                 |              |
|             | HJM80  |                                                       | ---              | ---       | MT80-4VI         | MT80-4VI   |                 |              |
|             | HJM100 |                                                       | ---              | ---       | MT100-4VI        | MT100-4VI  |                 |              |
|             | HJM125 |                                                       | ---              | ---       | MT125-4VI        | MT125-4VI  |                 |              |
|             | HJM144 |                                                       | ---              | ---       | MT144-4VI        | MT144-4VI  |                 |              |
|             | HJM160 |                                                       | ---              | ---       | MT160-4VI        | MT160-4VI  |                 |              |
|             | HJZ019 | R404A/R507/<br>R134a /R448/<br>R449A/R452A/<br>R5113A | MTZ19-5VI        | MTZ19-5VI | MTZ19-4VI        | MTZ19-4VI  | 120Z0638        | 1-liter pack |
|             | HJZ022 |                                                       | MTZ22-5VI        | MTZ22-5VI | MTZ22-4VI        | MTZ22-4VI  |                 |              |
|             | HJZ028 |                                                       | MTZ28-5VI        | MTZ28-5VI | MTZ28-4VI        | MTZ28-4VI  |                 |              |
|             | HJZ032 |                                                       | MTZ32-5VI        | MTZ32-5VI | MTZ32-4VI        | MTZ32-4VI  |                 |              |
|             | HJZ036 |                                                       | MTZ36-5VI        | MTZ36-5VI | MTZ36-4VI        | MTZ36-4VI  |                 |              |
|             | HJZ040 |                                                       | ---              | ---       | MTZ40-4VI        | MTZ40-4VI  |                 |              |
|             | HJZ044 |                                                       | ---              | ---       | MTZ44-4VI        | MTZ44-4VI  |                 |              |
|             | HJZ050 |                                                       | ---              | ---       | MTZ50-4VI        | MTZ50-4VI  |                 |              |
|             | HJZ056 |                                                       | ---              | ---       | MTZ56-4VI        | MTZ56-4VI  |                 |              |
|             | HJZ064 |                                                       | ---              | ---       | MTZ64-4VI        | MTZ64-4VI  |                 |              |
|             | HGZ072 |                                                       | ---              | ---       | MTZ72-4VI        | MTZ72-4VI  |                 |              |
|             | HGZ080 |                                                       | ---              | ---       | MTZ80-4VI        | MTZ80-4VI  |                 |              |
|             | HGZ100 |                                                       | ---              | ---       | MTZ100-4VI       | MTZ100-4VI |                 |              |
|             | HGZ125 |                                                       | ---              | ---       | MTZ125-4VI       | MTZ125-4VI |                 |              |
|             | HGZ144 |                                                       | ---              | ---       | MTZ144-4VI       | MTZ144-4VI |                 |              |
|             | HGZ160 |                                                       | ---              | ---       | MTZ160-4VI       | MTZ160-4VI |                 |              |
| LBP         | LJZ068 | R404A                                                 | ---              | ---       | NTZ0684VI        | NTZ0684VI  | 120Z0638        | 1-liter pack |
|             | LJZ096 |                                                       | ---              | ---       | NTZ0964VI        | NTZ0964VI  |                 |              |
|             | LJZ108 |                                                       | ---              | ---       | NTZ1084VI        | NTZ1084VI  |                 |              |
|             | LJZ136 |                                                       | ---              | ---       | NTZ1364VI        | NTZ1364VI  |                 |              |
|             | LGZ215 |                                                       | ---              | ---       | NTZ2154VI        | NTZ2154VI  |                 |              |
|             | LGZ271 |                                                       | ---              | ---       | NTZ2714VI        | NTZ2714VI  |                 |              |

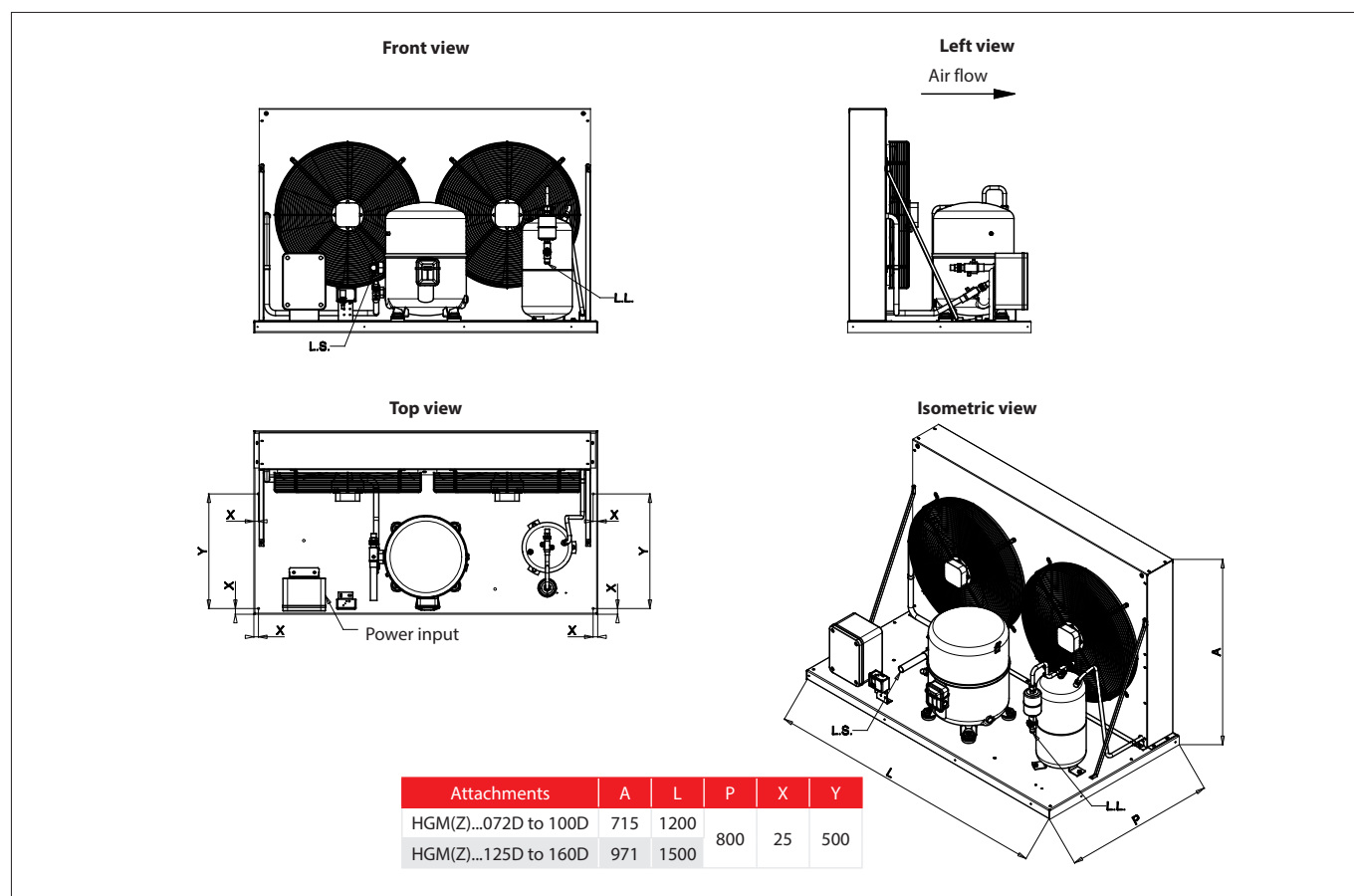
Version D20 e D39 (1 Fan)



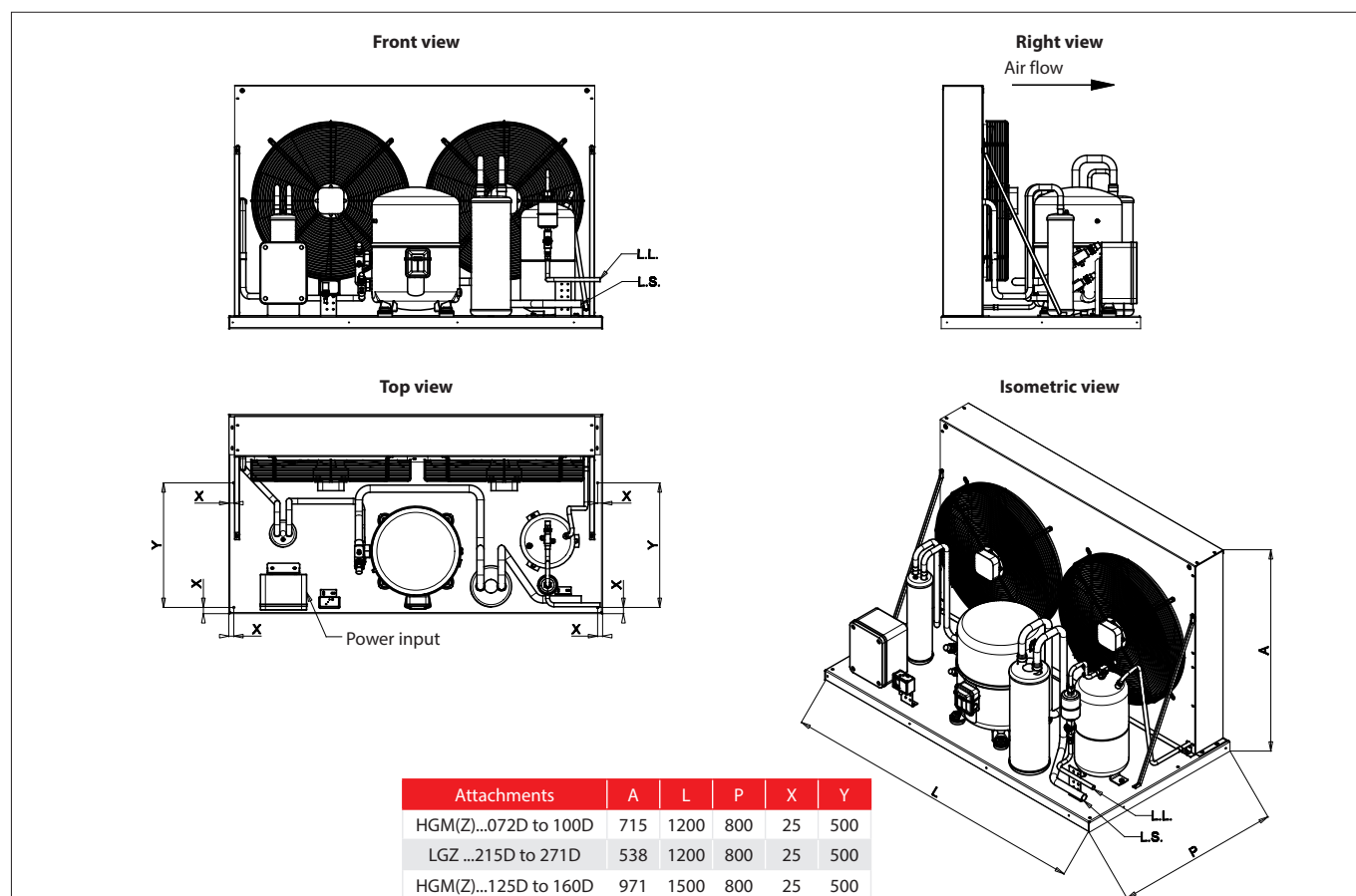
Version D49 (1 Fan)



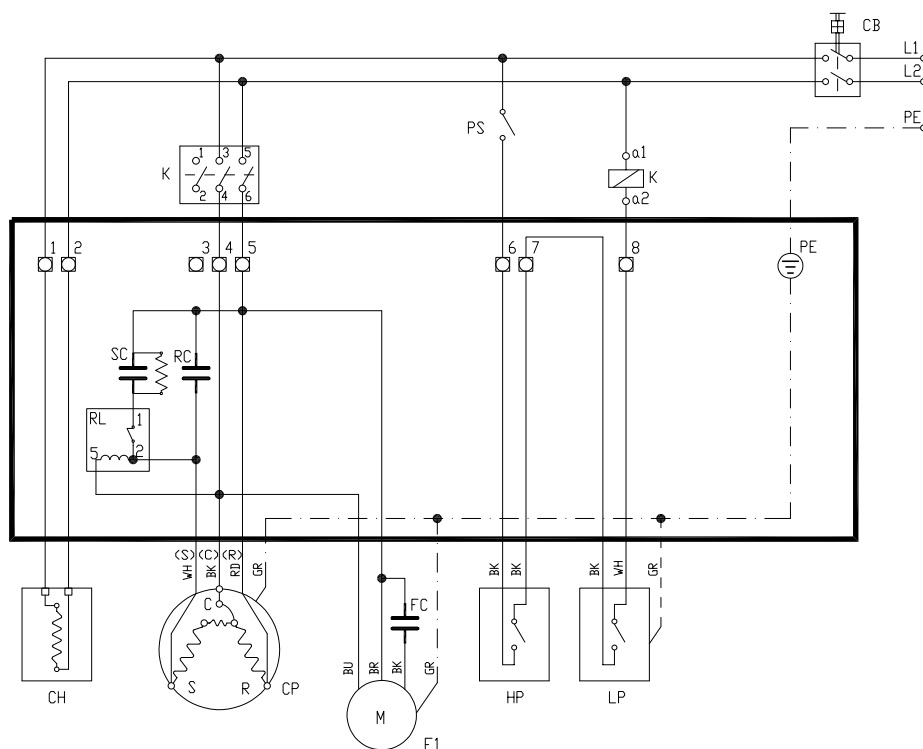
Version D20 e D39 (2 Fans)



Version 49 (2 Fans)



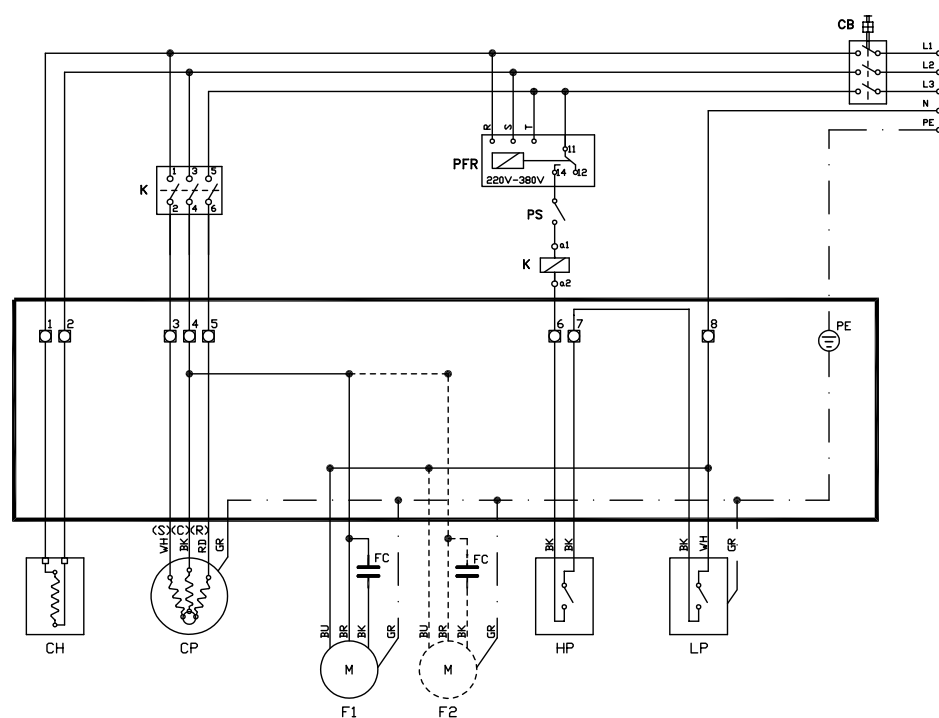
Electrical code G (D20) - 230V 1Ph 50Hz



| Legend |                       |
|--------|-----------------------|
| (#)    | Identification ring   |
| CB     | Circuit breaker       |
| CH     | Crankcase heater      |
| CP     | Compressor            |
| F1/F2  | Fan motor             |
| FC     | Fan capacitor         |
| HP     | High pressure switch  |
| K      | Contactor             |
| LP     | Low pressure switch   |
| PE     | Electrical protection |
| PS     | Power switch (ON/OFF) |
| RC     | Run capacitor         |
| RL     | Start relay           |
| SC     | Start capacitor       |

| Cable ID |       |
|----------|-------|
| BK       | Black |
| WH       | White |
| BR       | Brown |
| RD       | Red   |
| GR       | Green |
| BU       | Blue  |

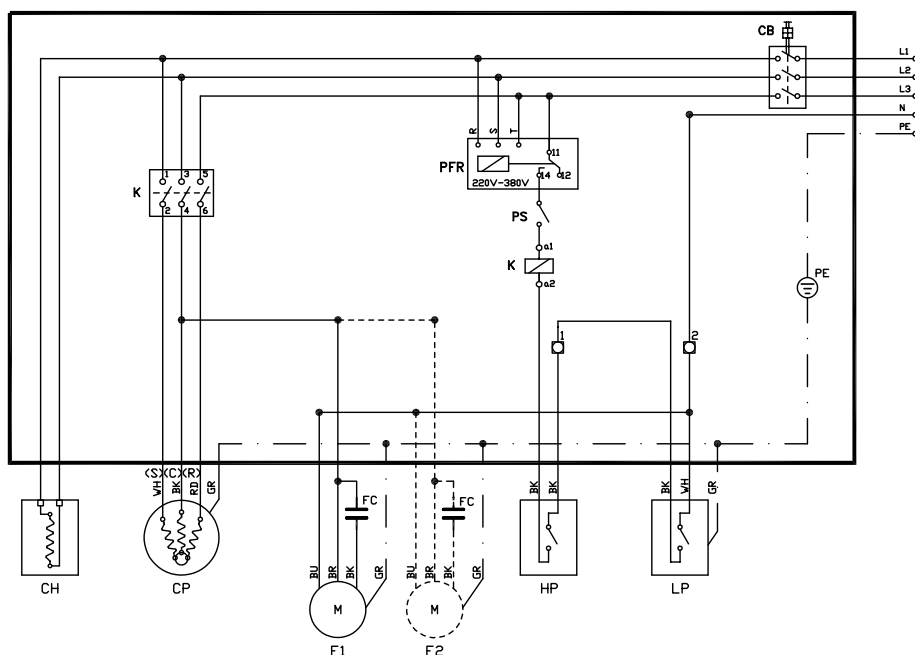
Electrical code E (D20) - 400V 3Ph 50Hz



| Legend |                       |
|--------|-----------------------|
| (#)    | Identification ring   |
| CB     | Circuit breaker       |
| CH     | Crankcase heater      |
| CP     | Compressor            |
| F1/F2  | Fan motor             |
| FC     | Fan capacitor         |
| HP     | High pressure switch  |
| K      | Contactor             |
| LP     | Low pressure switch   |
| PE     | Electrical protection |
| PS     | Power switch (ON/OFF) |
| RC     | Run capacitor         |
| RL     | Start relay           |
| SC     | Start capacitor       |

| Cable ID |       |
|----------|-------|
| BK       | Black |
| WH       | White |
| BR       | Brown |
| RD       | Red   |
| GR       | Green |
| BU       | Blue  |

Electrical code E (D39 - D49) - 400V 3Ph 50Hz



| Legend |                       |
|--------|-----------------------|
| (#)    | Identification ring   |
| CB     | Circuit breaker       |
| CH     | Crankcase heater      |
| CP     | Compressor            |
| F1/F2  | Fan motor             |
| FC     | Fan capacitor         |
| HP     | High pressure switch  |
| K      | Contactor             |
| LP     | Low pressure switch   |
| PE     | Electrical protection |
| PS     | Power switch (ON/OFF) |
| RC     | Run capacitor         |
| RL     | Start relay           |
| SC     | Start capacitor       |

| Cable ID |       |
|----------|-------|
| BK       | Black |
| WH       | White |
| BR       | Brown |
| RD       | Red   |
| GR       | Green |
| BU       | Blue  |

Notes:

# Danfoss Commercial Compressors

is a worldwide manufacturer of compressors and condensing units for refrigeration and HVAC applications. With a wide range of high quality and innovative products we help your company to find the best possible energy efficient solution that respects the environment and reduces total life cycle costs.

We have 40 years of experience within the development of hermetic compressors which has brought us amongst the global leaders in our business, and positioned us as distinct variable speed technology specialists. Today we operate from engineering and manufacturing facilities spanning across three continents.



Danfoss Scrolls



Danfoss Inverter Scrolls



Danfoss Light Commercial Refrigeration Compressors



Danfoss Maneurop Reciprocating Compressors



Danfoss Turbocor Compressors



Danfoss Optyma Condensing Units

Our products can be found in a variety of applications such as rooftops, chillers, residential air conditioners, heatpumps, coldrooms, supermarkets, milk tank cooling and industrial cooling processes.