

|   |                             |          |                  |  | 3MXM40A2V1B                            | 3MXM52A2V1B                            | 3MXM68A2V1B                          |
|---|-----------------------------|----------|------------------|--|--|--|--------------------------------------|
| Casing  | Colour                      |          |                  |  | Ivory white                            | Ivory white                            | Ivory white                          |
| Dimensions  | Unit                        | Height   | mm               | 734                                    | 734                                    | 734                                    |                                      |
|   |                             | Width    | mm               | 974                                    | 974                                    | 974                                    |                                      |
|   | Depth                       | mm       | 408              | 408                                    | 408                                    |  |                                      |
|   | Packed unit                 | Height   | mm               | 820                                    | 820                                    | 820                                    |                                      |
|   |                             | Width    | mm               | 1,050                                  | 1,050                                  | 1,050                                  |                                      |
|   |                             | Depth    | mm               | 480                                    | 480                                    | 480                                    |                                      |
| Weight  | Unit                        |          |                  | kg                                     | 57                                     | 57                                     | 62                                   |
|   | Packed unit                 |          |                  | kg                                     | 63                                     | 63                                     | 67                                   |
| Heat exchanger                                      | Length                      |          |                  | mm                                     | 920                                    | 920                                    | 920                                  |
|   | Rows                        |          | Quantity         |  | 2                                      | 2                                      | 2                                    |
|   | Fin pitch                   |          |                  | mm                                     | 1.40                                   | 1.40                                   | 1.40                                 |
|   | Stages                      |          | Quantity         |  | 32                                     | 32                                     | 32                                   |
|   | Passes                      |          | Quantity         |  | 6.00                                   | 6.00                                   | 6.00                                 |
|   | Tube type                   |          |                  |  | Hi-XA                                  | Hi-XA                                  | Hi-XA                                |
|   | Tube diameter               |          |                  | mm                                     | 8.0                                    | 8.0                                    | 8.0                                  |
|   | Fin                         |          | Type             |  | WHS8 FIN-HYDROPHILIC                   | WHS8 FIN-HYDROPHILIC                   | WHS8 FIN-HYDROPHILIC                 |
|   |                             |          | Treatment        |  | Anti-corrosion treatment               | Anti-corrosion treatment               | Anti-corrosion treatment             |
|   | Fan                         | Type     |                  |  |  | Propeller fan                          | Propeller fan                        |
| Discharge direction                                 |                             |          |                  | Horizontal                             | Horizontal                             | Horizontal                             |                                      |
| Quantity  |                             |          |                  | 1                                      | 1                                      | 1                                      |                                      |
| Air flow rate                                       |                             | Cooling  | High             | m³/min                                 | 42.0                                   | 42.0                                   | 46.5                                 |
|   |                             |          |                  | cfm                                    | 1,483                                  | 1,483                                  | 1,642                                |
|   |                             |          | Medium           | m³/min                                 | 42.0                                   | 42.0                                   | 42.5                                 |
|   |                             |          |                  | cfm                                    | 1,483                                  | 1,483                                  | 1,501                                |
|   |                             |          | Low              | m³/min                                 | 24.0                                   | 24.0                                   | 24.1                                 |
|   |                             |          |                  | cfm                                    | 847                                    | 847                                    | 851                                  |
|   |                             | Heating  | High             | m³/min                                 | 41.0                                   | 41.0                                   | 43.8                                 |
|   |                             |          |                  | cfm                                    | 1,447                                  | 1,447                                  | 1,547                                |
|   |                             |          | Medium           | m³/min                                 | 41.0                                   | 41.0                                   | 43.8                                 |
|   |                             |          |                  | cfm                                    | 1,447                                  | 1,447                                  | 1,547                                |
|   |                             |          | Low              | m³/min                                 | 24.0                                   | 24.0                                   | 16.1                                 |
|   |                             |          |                  | cfm                                    | 847                                    | 847                                    | 569                                  |
| Fan motor   |                             | Quantity |                  |  |  | 1                                      | 1                                    |
|   | Model                       |          |                  |  | D55F-31                                | D55F-31                                | D55F-31                              |
|   | Output                      |          |                  | W                                      | 55                                     | 55                                     | 55                                   |
|   | Speed                       | Cooling  | High             | rpm                                    | 700                                    | 700                                    | 760                                  |
|   |                             |          |                  | rpm                                    | 700                                    | 700                                    | 700                                  |
|   |                             |          | Low              | rpm                                    | 420                                    | 420                                    | 420                                  |
|   |                             |          |                  | rpm                                    | 420                                    | 420                                    | 420                                  |
|   |                             | Heating  | High             | rpm                                    | 680                                    | 680                                    | 720                                  |
| rpm   |                             |          |                  | 680                                    | 680                                    | 720                                    |                                      |
|   |                             | Low      | rpm              | 420                                    | 420                                    | 300                                    |                                      |
| Compressor  | Quantity                    |          |                  |  | 1                                      | 1                                      | 1                                    |
|   | Model                       |          |                  |  | 2YC40JXD#C                             | 2YC40JXD#C                             | 2YC71DXD#C                           |
|   | Oil Amount                  |          |                  | cm³                                    | 650                                    | 650                                    | 900                                  |
|   | Type                        |          |                  |  | Hermetically sealed swing compressor   | Hermetically sealed swing compressor   | Hermetically sealed swing compressor |
|   | Output                      |          |                  | W                                      | 1,300                                  | 1,300                                  | 2,400                                |
|   | Oil Type                    |          |                  |  | FW68DA                                 | FW68DA                                 | FW68DA                               |
| Operation range                                     | Cooling                     | Ambient  | Min.             | °CDB                                   | -10                                    | -10                                    | -10                                  |
|   |                             |          | Max.             | °CDB                                   | 46                                     | 46                                     | 46                                   |
|   | Heating                     | Ambient  | Min.             | °CDB                                   | -15                                    | -15                                    | -15                                  |
|   |                             |          | Max.             | °CDB                                   | 24                                     | 24                                     | 24                                   |
| Sound power level                                   | Cooling                     |          | Max              | dBA                                    | 63                                     | 63                                     | 63                                   |
|   |                             |          | Nom.             | dBA                                    | 59                                     | 59                                     | 61                                   |
|   |                             |          | Night quiet mode | dBA                                    | 58                                     | 58                                     | 59                                   |
|   | Heating                     |          | Tonal adjustment | dBA                                    | 0                                      | 0                                      | 0                                    |
|   |                             |          | Max              | dBA                                    | 63                                     | 63                                     | 63                                   |
|   |                             |          | Nom.             | dBA                                    | 59                                     | 59                                     | 61                                   |
|   |                             |          | Night quiet mode | dBA                                    | 58                                     | 58                                     | 59                                   |
|   |                             |          | Tonal adjustment | dBA                                    | 0                                      | 0                                      | 0                                    |
| Sound power level - Low sound mode (Stb. 2020, 189) | Cooling                     |          | Max.             | dBA                                    | 62                                     | 62                                     | 61                                   |
|   |                             |          | Night quiet mode | dBA                                    | 57                                     | 57                                     | 58                                   |
|   |                             |          | Tonal adjustment | dBA                                    | 0                                      | 0                                      | 0                                    |
|   | Heating                     |          | Max.             | dBA                                    | 62                                     | 62                                     | 61                                   |
|   |                             |          | Night quiet mode | dBA                                    | 57                                     | 57                                     | 58                                   |
|   |                             |          | Tonal adjustment | dBA                                    | 0                                      | 0                                      | 0                                    |
| Sound pressure level                                | Cooling                     |          | Nom.             | dBA                                    | 46                                     | 46                                     | 48                                   |
|   | Heating                     |          | Nom.             | dBA                                    | 47                                     | 47                                     | 48                                   |
| Refrigerant   | Type                        |          |                  |  | R-32                                   | R-32                                   | R-32                                 |
|   | Charge                      |          |                  | kg                                     | 1.80                                   | 1.80                                   | 2.00                                 |
|   | Refrigerant--Charge--tCO2Eq |          |                  | tCO2Eq                                 | 1.22                                   | 1.22                                   | 1.35                                 |
|   | Control                     |          |                  |  | Expansion valve                        | Expansion valve                        | Expansion valve                      |
|   | GWP                         |          |                  |  | 675                                    | 675                                    | 675                                  |
|   | Piping connections          | Liquid   |                  | Quantity                               |  | 3                                      | 3                                    |
| OD  |                             |          |                  | mm                                     | 6.35                                   | 6.35                                   | 6.35                                 |
| Gas   |                             | Quantity |                  | 1                                      | 1                                      | 1                                      |                                      |
|   |                             | OD       | mm               | 9.5                                    | 9.5                                    | 9.5                                    |                                      |
| Drain   |                             | Quantity |                  | 1                                      | 1                                      | 1                                      |                                      |
|   |                             | OD       | mm               | 16 (inner diameter of connecting hose) | 16 (inner diameter of connecting hose) | 16 (inner diameter of connecting hose) |                                      |
| Gas 2   |                             | Quantity |                  | 2                                      | 2                                      | 2                                      |                                      |
|   |                             | OD       | mm               | 12.7                                   | 12.7                                   | 12.7                                   |                                      |
| Piping length                                       |                             | OU - IU  | Min.             | m                                      | 3 (1)                                  | 3 (1)                                  | 3 (1)                                |
|   |                             |          | Max.             | m                                      | 25 (1)                                 | 25 (1)                                 | 25 (1)                               |
|   |                             | System   | Chargeless       | m                                      | 30                                     | 30                                     | 30                                   |
| Additional refrigerant charge                       |                             |          | kg/m             | 0.02 (for piping length exceeding 30m) | 0.02 (for piping length exceeding 30m) | 0.02 (for piping length exceeding 30m) |                                      |
| Level difference                                    |                             | IU - OU  | Max.             | m                                      | 15                                     | 15                                     | 15                                   |
|   |                             |          | Max.             | m                                      | 7.5                                    | 7.5                                    | 7.5                                  |
| Heat insulation                                     |                             |          |                  | Both liquid and gas pipes              | Both liquid and gas pipes              | Both liquid and gas pipes              |                                      |
| Total piping length                                 | System                      | Actual   | m                | 50 (2)                                 | 50 (2)                                 | 50                                     |                                      |
| Capacity control                                    | Method                      |          |                  |  | Variable (inverter)                    | Variable (inverter)                    | Variable (inverter)                  |
| Standard Accessories                                | Installation manual         |          |                  |  | 1                                      | 1                                      | 1                                    |