



## Technical data

### VRF outdoor unit 25,2-33,5 kW

| Loading Capacity                        |                         |        | 25200                      | 28000             | 33500             |
|---|-------------------------|--------|----------------------------|-------------------|-------------------|
| Model                                   |                         |        | NV6-252-T3/R1-ODU          | NV6-280-T3/R1-ODU | NV6-335-T3/R1-ODU |
| Cooling capacity                        | Capacity                | W      | 25200                      | 28000             | 33500             |
|   | Input                   | W      | 7850                       | 8890              | 12500             |
|   | Current                 | A      | 12.52                      | 14.18             | 19.94             |
| Heating capacity                        | Capacity                | W      | 25200                      | 28000             | 33500             |
|   | Capacity Max            | kW     | 27                         | 31.5              | 37.5              |
|   | Input                   | W      | 6000                       | 7180              | 9100              |
|   | Current                 | A      | 9.57                       | 11.45             | 14.51             |
| SEER                                    | Duct                    |        | 7.31                       | 7.22              | 07.05             |
|   | Cassette                |        | 7.35                       | 7.26              | 07.04             |
| SCOP                                    | Duct                    |        | 4.5                        | 4.45              | 4.4               |
|   | Cassette                |        | 4.4                        | 4.38              | 4.32              |
| Power supply                            |                         |        | 380-415V 3N ~ 50Hz         |                   |                   |
| Outdoor noise level (sound power level) |                         | dB(A)  | 83                         | 84                | 86                |
| Max. Power                              |                         | kW     | 11300                      | 12430             | 13730             |
| Max. Current                            |                         | A      | 20.03                      | 22.03             | 24.33             |
| Compressor                              | Freg. Range             | Hz     | 20-120                     |                   |                   |
|   | Crankshaft heating belt | W      | 70                         |                   |                   |
| Outdoor fan motor                       | Model                   |        | ZKSN-560-8-48L             | ZKSN-560-8-48L    | ZKSN-560-8-48L    |
|   | Type                    |        | Plastic brushless DC motor |                   |                   |
|   | Qty                     |        | 1                          | 1                 | 1                 |
|   | Output                  | W      | 560                        | 560               | 560               |
| Air volume                              |                         | m3/h   | 11000                      | 11000             | 11500             |
| Connecting Pipe                         | Liquid                  | Inches | 3/8"                       | 3/8"              | 1/2"              |
|   | Gas                     | Inches | 3/4"                       | 7/8"              | 1"                |
|   | Connection method       |        |                            | Welding           |                   |
| Net dimensions (L x W x H)              |                         | mm     | 925*845*1780               |                   |                   |
| Packing dimensions (L x W x H)          |                         | mm     | 1000×925×1940              |                   |                   |
| Weight                                  | Net weight              | kg     | 215                        | 215               | 215               |
|   | Gross weight            | kg     | 225                        | 225               | 225               |
| Refrigerant                             | Type                    |        | R410A                      | R410A             | R410A             |
|   | Charged volume          | kg     | 9                          | 9                 | 9                 |
| CO2 equivalent                          |                         | tonnes | 18 792                     | 18 792            | 18 792            |
| Design pressure                         |                         | MPa    | 4.3                        | 4.3               | 4.3               |
| Cooling operating range                 | Outdoor side            | °C     | -5~55                      | -5~55             | -5~55             |
|   | Indoor side             | °C     | 16~32                      | 16~32             | 16~32             |
| Heating operating range                 | Outdoor side            | °C     | -30~28                     | -30~28            | -30~28            |
|   | Indoor side             | °C     | 15~31                      | 15~31             | 15~31             |



## Technical data

### VRF outdoor unit 40-68 kW

| Loading Capacity                        |                         |        | 40000                      | 45000             | 50400             | 56000             | 61500             | 68000             |               |
|---|-------------------------|--------|----------------------------|-------------------|-------------------|-------------------|-------------------|-------------------|---------------|
| Model                                   |                         |        | NV6-400-T3/R1-ODU          | NV6-450-T3/R1-ODU | NV6-504-T3/R1-ODU | NV6-560-T3/R1-ODU | NV6-615-T3/R1-ODU | NV6-680-T3/R1-ODU |               |
| Cooling capacity                        | Capacity                | W      | 40000                      | 45000             | 50400             | 56000             | 61500             | 68000             |               |
|   | Input                   | W      | 14550                      | 18000             | 19530             | 24240             | 30000             | 31480             |               |
|   | Current                 | A      | 23.21                      | 28.71             | 31.15             | 38.66             | 47.85             | 50.21             |               |
| Heating capacity                        | Capacity                | W      | 40000                      | 45000             | 50400             | 56000             | 61500             | 68000             |               |
|   | Capacity Max            | kW     | 45                         | 50                | 56                | 63                | 69                | 75                |               |
|   | Input                   | W      | 11430                      | 15000             | 13810             | 16100             | 18700             | 18630             |               |
|   | Current                 | A      | 18.23                      | 23.92             | 22.03             | 25.68             | 29.82             | 29.71             |               |
| SEER                                    | Duct                    |        | 6.75                       | 6.2               | 6.5               | 6.3               | 6.2               | 6.5               |               |
|   | Cassette                |        | 6.75                       | 6.25              | 6.61              | 6.41              | 6.18              | 6.2               |               |
| SCOP                                    | Duct                    |        | 4.42                       | 4.39              | 4.4               | 4.35              | 4.3               | 4.5               |               |
|   | Cassette                |        | 4.4                        | 4.35              | 4.22              | 4.15              | 4.25              | 4.38              |               |
| Power supply                            |                         |        | 380-415V 3N ~ 50Hz         |                   |                   |                   |                   |                   |               |
| Outdoor noise level (sound power level) |                         | dB(A)  | 90                         | 93                | 93                | 93                | 93                | 93                |               |
| Max. Power                              |                         | kW     | 18400                      | 21390             | 23700             | 26070             | 31490             | 33270             |               |
| Max. Current                            |                         | A      | 32.6                       | 37.9              | 42                | 46.2              | 55.8              | 58.95             |               |
| Compressor                              | Freg. Range             | Hz     | 20-120                     |                   |                   |                   |                   |                   |               |
|   | Crankshaft heating belt | W      | 70                         |                   |                   |                   |                   |                   |               |
| Outdoor fan motor                       | Model                   |        | ZKSN-920-8-40L             | ZKSN-920-8-40L    | ZKSN-560-8-48L    | ZKSN-560-8-48L    | ZKSN-560-8-48L    | ZKSN-920-8-40L    |               |
|   | Type                    |        | Plastic brushless DC motor |                   |                   |                   |                   |                   |               |
|   | Qty                     |        | 1                          | 1                 | 2                 | 2                 | 2                 | 2                 |               |
|   | Output                  | W      | 920                        | 920               | 560               | 560               | 560               | 920               |               |
| Air volume                              |                         | m3/h   | 13500                      | 14000             | 19000             | 19000             | 20000             | 26000             |               |
| Connecting Pipe                         | Liquid                  | Inches | 1/2"                       | 1/2"              | 5/8"              | 5/8"              | 5/8"              | 3/4"              |               |
|   | Gas                     | Inches | 1"                         | 9/8"              | 9/8"              | 9/8"              | 9/8"              | 5/4"              |               |
|   | Connection method       |        | Welding                    |                   |                   |                   |                   |                   |               |
| Net dimensions (L x W x H)              |                         | mm     | 1340*845*1780              |                   |                   |                   |                   |                   | 1900*845*1780 |
| Packing dimensions (L x W x H)          |                         | mm     | 1415*925*1940              |                   |                   |                   |                   |                   | 1975*925*1940 |
| Weight                                  | Net weight              | kg     | 270                        | 270               | 315               | 315               | 320               | 380               |               |
|   | Gross weight            | kg     | 290                        | 290               | 335               | 335               | 340               | 405               |               |
| Refrigerant                             | Type                    |        | R410A                      | R410A             | R410A             | R410A             | R410A             | R410A             |               |
|   | Charged volume          | kg     | 11                         | 11                | 14                | 14                | 16                | 18                |               |
| CO2 equivalent                          |                         | tonnes | 22 968                     | 22 968            | 29 232            | 29 232            | 33 408            | 37 584            |               |
| Design pressure                         |                         | MPa    | 4.3                        | 4.3               | 4.3               | 4.3               | 4.3               | 4.3               |               |
| Cooling operating range                 | Outdoor side            | °C     | -5~55                      | -5~55             | -5~55             | -5~55             | -5~55             | -5~55             |               |
|   | Indoor side             | °C     | 16~32                      | 16~32             | 16~32             | 16~32             | 16~32             | 16~32             |               |
| Heating operating range                 | Outdoor side            | °C     | -30~28                     | -30~28            | -30~28            | -30~28            | -30~28            | -30~28            |               |
|   | Indoor side             | °C     | 15~31                      | 15~31             | 15~31             | 15~31             | 15~31             | 15~31             |               |

## Technical data

### VRF outdoor unit 73-90 kW



| Loading Capacity                        |                         |        | 73000                      | 78500             | 85000             | 90000             |
|---|-------------------------|--------|----------------------------|-------------------|-------------------|-------------------|
| Model                                   |                         |        | NV6-730-T3/R1-ODU          | NV6-785-T3/R1-ODU | NV6-850-T3/R1-ODU | NV6-900-T3/R1-ODU |
| Cooling capacity                        | Capacity                | W      | 73000                      | 78500             | 85000             | 90000             |
|   | Input                   | W      | 39460                      | 34450             | 39950             | 45000             |
|   | Current                 | A      | 61.00                      | 54.95             | 63.72             | 71.77             |
| Heating capacity                        | Capacity                | W      | 73000                      | 78500             | 85000             | 90000             |
|   | Capacity Max            | kW     | 81.5                       | 87.5              | 95                | 100               |
|   | Input                   | W      | 24750                      | 23760             | 26130             | 28125             |
|   | Current                 | A      | 39.47                      | 37.91             | 41.67             | 44.86             |
| SEER                                    | Duct                    |        | 5.5                        | 6.3               | 6.2               | 6.0               |
|   | Cassette                |        | 5.38                       | 6.0               | 5.9               | 5.8               |
| SCOP                                    | Duct                    |        | 4.1                        | 4.15              | 4.13              | 4.13              |
|   | Cassette                |        | 4.16                       | 4.3               | 4.2               | 4.2               |
| Power supply                            |                         |        | 380-415V 3N ~ 50Hz         |                   |                   |                   |
| Outdoor noise level (sound power level) |                         | dB(A)  | 93                         | 93                | 93                | 93                |
| Max. Power                              |                         | kW     | 41250                      | 39440             | 41250             | 48700             |
| Max. Current                            |                         | A      | 66.9                       | 69.9              | 73.1              | 79.06             |
| Compressor                              | Freg. Range             | Hz     | 20-120                     |                   |                   |                   |
|   | Crankshaft heating belt | W      | 70                         |                   |                   |                   |
| Outdoor fan motor                       | Model                   |        | ZKSN-920-8-40L             |                   |                   |                   |
|   | Type                    |        | Plastic brushless DC motor |                   |                   |                   |
|   | Qty                     |        | 2                          |                   |                   |                   |
|   | Output                  | W      | 920                        |                   |                   |                   |
| Air volume                              |                         | m3/h   | 26000                      | 29000             | 29000             | 29000             |
| Connecting Pipe                         | Liquid                  | Inches | 3/4"                       | 3/4"              | 3/4"              | 3/4"              |
|   | Gas                     | Inches | 5/4"                       | 5/4"              | 3/2"              | 3/2"              |
|   | Connection method       |        | Welding                    |                   |                   |                   |
| Net dimensions (L x W x H)              |                         | mm     | 1900*845*1780              |                   |                   |                   |
| Packing dimensions (L x W x H)          |                         | mm     | 1975*925*1940              |                   |                   |                   |
| Weight                                  | Net weight              | kg     | 380                        | 380               | 380               | 455               |
|   | Gross weight            | kg     | 405                        | 405               | 405               | 480               |
| Refrigerant                             | Type                    |        | R410A                      | R410A             | R410A             | R410A             |
|   | Charged volume          | kg     | 18                         |                   |                   |                   |
| CO2 equivalent                          |                         | tonnes | 37 584                     | 37 584            | 37 584            | 58 464            |
| Design pressure                         |                         | MPa    | 4.3                        | 4.3               | 4.3               | 4.3               |
| Cooling operating range                 | Outdoor side            | °C     | -5~55                      | -5~55             | -5~55             | -5~55             |
|   | Indoor side             | °C     | 16~32                      | 16~32             | 16~32             | 16~32             |
| Heating operating range                 | Outdoor side            | °C     | -30~28                     | -30~28            | -30~28            | -30~28            |
|   | Indoor side             | °C     | 15~31                      | 15~31             | 15~31             | 15~31             |