

|                            |                                                |          | BOP09WIDU                     | BO12WIDU                     | BO18WIDU                     | BO24WIDU                      |
|----------------------------|------------------------------------------------|----------|-------------------------------|------------------------------|------------------------------|-------------------------------|
| Type                       |                                                |          | heating pump                  | heating pump                 | heating pump                 | heating pump                  |
| Control type               |                                                |          | remote controller             | remote controller            | remote controller            | remote controller             |
| Power supply               |                                                |          | 220~240V~/50Hz/IP             | 220~240V~/50Hz/IP            | 220~240V~/50Hz/IP            | 220~240V~/50Hz/IP             |
| Power supply side          |                                                |          | Outdoor                       | Outdoor                      | Outdoor                      | Outdoor                       |
| Voltage Range              | V                                              |          | 165-265                       | 165-265                      | 165-265                      | 165-265                       |
| Cooling                    | Cooling capacity                               | W        | 2600(940-3300)                | 3400(1000-3770)              | 5200(1250-6000)              | 7020(1830-8000)               |
|                            | Power consumption                              | W        | 802(240-1380)                 | 1049(290-1500)               | 1597(330-2350)               | 2100(390-2900)                |
|                            | Operating current                              | A        | 4.7(1.2-8.0)                  | 5.1(1.5-9.0)                 | 7.0(1.5-12.0)                | 9.2(1.7-15.5)                 |
| Seasonal Cooling           | Pdesignc                                       | W        | 2600                          | 3400                         | 5200                         | 7000                          |
|                            | SEER                                           | W/W      | 6.3                           | 6.1                          | 6.5                          | 6.5                           |
|                            | Energy Class                                   |          | A++                           | A++                          | A++                          | A++                           |
| Heating                    | Annual energy consumption                      | kwh/a    | 144                           | 195                          | 280                          | 377                           |
|                            | Heating capacity                               | W        | 2630(940-3360)                | 3430(1000-3810)              | 5300(1250-6200)              | 7100(1850-8000)               |
|                            | Power consumption                              | W        | 706(240-1550)                 | 922(290-1730)                | 1403(340-2550)               | 1870(390-3200)                |
| Seasonal Heating (Average) | Operating current                              | A        | 4.2(1.2-9.0)                  | 4.7(1.5-10.0)                | 6.3(1.6-13.0)                | 8.2(1.7-17.0)                 |
|                            | PdesignH                                       | W        | 2100                          | 2400                         | 3900                         | 5800                          |
|                            | SCOP                                           | W/W      | 4.0                           | 4.0                          | 4.0                          | 4.1                           |
| Indoor unit                | Energy Class                                   |          | A+                            | A+                           | A+                           | A+                            |
|                            | Annual energy consumption                      | kwh/a    | 735                           | 840                          | 1365                         | 1981                          |
|                            | Declare capacity(-10℃)                         | W        | 2000                          | 2200                         | 3600                         | 5500                          |
| Outdoor                    | Back up heating capacity(-10℃)                 | W        | 100                           | 200                          | 300                          | 300                           |
|                            | Moisture removal                               | Liters/h | 1                             | 1.2                          | 1.8                          | 2.5                           |
|                            | Sound power(S/H/H-M/M/M-L/L/Mute)              | dB(A)    | 51/47/45/43/39/35/32          | 51/47/45/43/39/35/32         | 56/53/49/46/42/39/37         | 58/52/50/48/46/44/41          |
| Connections                | Sound pressure(S/H/H-M/M/M-L/L/Mute)           | dB(A)    | 41/37/35/33/29/25/22          | 41/37/35/33/29/25/22         | 47/43/39/36/33/30/27         | 47/42/40/38/36/34/31          |
|                            | Air circulation (S/H/H-M/M/M-L/L/Mute) Cooling | m³/h     | 560/530/480/450/420/390/340   | 560/530/480/450/420/390/34   | 820/742/675/621/573/525/482  | 1100/1020/960/890/830/770/68  |
|                            | Air circulation (S/H/H-M/M/M-L/L/Mute) Heating | m³/h     | 560/490/470/450/430/400/380   | 560/490/470/450/430/400/380  | 820/742/675/621/573/525/482  | 1100/1020/960/900/850/790/720 |
| Others                     | Indoor fan motor Type                          |          | AC                            | AC                           | DC                           | DC                            |
|                            | Net weight                                     | kg       | 8.5                           | 8.5                          | 10                           | 14                            |
|                            | Gross weight                                   | kg       | 10.5                          | 10.5                         | 12                           | 17                            |
| Outdoor                    | Net dimensions (W x H x D)                     | mm       | 790×275×192                   | 790×275×192                  | 920×306×195                  | 1100×333×222                  |
|                            | Compressor Type                                |          | Rotary                        | Rotary                       | Rotary                       | Rotary                        |
|                            | Model                                          |          | KSK103D33UEZC3                | KSK103D33UEZC3               | C-4RZ120H3AAF                | C-6RZ180H3AAF                 |
| Connections                | MFG                                            |          | GMCC                          | GMCC                         | SANYO                        | SANYO                         |
|                            | Type                                           |          | R32                           | R32                          | R32                          | R32                           |
|                            | Charge                                         | kg       | 0.57                          | 0.57                         | 0.96                         | 1.07                          |
| Outdoor                    | GWP                                            |          | 675                           | 675                          | 675                          | 675                           |
|                            | CO2 equivalent                                 |          | 0.385                         | 0.385                        | 0.648                        | 0.723                         |
|                            | Outdoor air circulation                        | m3/h     | 1900                          | 1900                         | 2600                         | 3000                          |
| Connections                | Outdoor fan motor Type                         |          | DC                            | DC                           | DC                           | DC                            |
|                            | Outdoor sound power                            | dB(A)    | 60                            | 60                           | 65                           | 69                            |
|                            | Outdoor sound pressure                         | dB(A)    | 50                            | 50                           | 55                           | 59                            |
| Others                     | Expansion device                               |          | Capillary                     | Capillary                    | capillary                    | capillary                     |
|                            | Net weight                                     | kg       | 24                            | 24                           | 30                           | 39                            |
|                            | Gross weight(Without pipe)                     | kg       | 26                            | 26                           | 32.5                         | 42.5                          |
| Connections                | Gross weight(With pipe)                        | kg       | 27                            | 27                           | 34                           | 44                            |
|                            | Net dimensions (W x H x D)                     | mm       | 777×498×290                   | 777×498×290                  | 853×602×349                  | 920×699×380                   |
|                            | Connecting Wiring (Core x Size)                | mm²      | 4×0.75mm²                     | 4×0.75mm²                    | 4×0.75                       | 4×0.75mm²                     |
| Others                     | Power supply cable(Core x Size)                | mm²      | 3×1.5                         | 3×1.5                        | 3×1.5                        | 3×2.5                         |
|                            | Drainage pipe diameter                         | mm²      | 16                            | 16                           | 16                           | 16                            |
|                            | Connecting Gas                                 | Inches   | 3/8"                          | 3/8"                         | 3/8"                         | 1/2"                          |
| Connections                | Pipe Liquid                                    | Inches   | 1/4"                          | 1/4"                         | 1/4"                         | 1/4"                          |
|                            | Application area                               | m²       | 9-16                          | 14-22                        | 20-35                        | 27-45                         |
|                            | Max. refrigerant pipe length                   | m        | 25                            | 25                           | 25                           | 25                            |
| Others                     | Max. difference in level                       | m        | 10                            | 10                           | 10                           | 10                            |
|                            | Standard precharge total pipe length           | m        | 5                             | 5                            | 5                            | 5                             |
|                            | Additional refrigerant charge                  | g/m      | 15                            | 15                           | 25                           | 25                            |
| Connections                | Operation temperature range                    | m        | 16-31                         | 16-31                        | 16-31                        | 16-31                         |
|                            | Ambient temperature Outdoor                    | ℃        | Cooling:-15~53/Heating:-20~30 | Cooling:-15~53/Heating:-20~3 | Cooling:-15~53/Heating:-20~3 | Cooling:-15~53/Heating:-20~3  |
|                            | Ambient temperature Indoor                     | ℃        | Cooling:17~32/Heating:0~30    | Cooling:17~32/Heating:0~30   | Cooling:17~32/Heating:0~30   | Cooling:17~32/Heating:0~30    |