

| MODEL                                     |                                | SKY 9   |                               |
|---|--------------------------------|---------|-------------------------------|
| Power supply                              |                                | Ph-V-Hz | 220-240V,1Ph,50Hz             |
| Rated Cooling                             | Capacity                       | Btu/h   | 9000(3100~11600)              |
| Cooling Power input                       |                                | W       | 800(100~1240)                 |
| Cooling Current                           |                                | A       | 3.48(0.4~5.4)                 |
| Rated Heating                             | Capacity                       | Btu/h   | 10000(2800~11500)             |
| Heating Power input                       |                                | W       | 930(120~1200)                 |
| Heating Current                           |                                | A       | 4.05(0.5~5.5)                 |
| Seasonal Cooling                          | Pdesignc                       | kW      | 2.6                           |
|   | SEER                           | W/W     | 7.0                           |
|   | Energy Efficiency Class        | kW      | A++                           |
|   |                                | W/W     | 2.3                           |
| Heating(Average )                         | Pdesignh                       |         | 4.1                           |
|   | SCOP                           |         | A+                            |
|   | Energy Efficiency Class        |         | -7                            |
|   | Tbiv                           | °C      | 2.3                           |
| Heating(Warmer )                          | Pdesignh                       | kW      | 5.1                           |
|   | SCOP                           | W/W     | A+++                          |
|   | Energy Efficiency Class        |         | 2                             |
|   | Tbiv                           | °C      | -15                           |
| Tol                                       |                                | °C      | /                             |
| Moisture Removal                          |                                | L/h     | 2150                          |
| Max. input consumption                    |                                | W       | 10                            |
| Max. current                              |                                | A       | /                             |
| Starting current                          |                                | A       | KSK103D32UEZ31                |
| Compressor                                | Model                          |         | ROTARY                        |
|   | Type                           |         | GMCC                          |
|   | Brand                          |         | 3245                          |
|   | Capacity                       | Btu/h   | 850                           |
|   | Input                          | W       | 5.70                          |
|   | Rated current(RLA)             | A       | /                             |
|   | Locked rotor Amp(LRA)          | A       | /                             |
|   | Thermal protector              |         | /                             |
|   | Thermal protector position     |         | ESTER OIL VG74 280            |
|   | Capacitor                      | uF      | ZKFP-30-8-357L                |
|   | Refrigerant oil/oil charge     | ml      | 30                            |
| Indoor fan motor                          | Model                          | W       | /                             |
|   | Output                         | uF      | 1100/900/750                  |
|   | Capacitor                      |         | 2                             |
|   | Speed(Hi/Mi/Lo)                | r/min   | 19.5x11.6                     |
| Indoor coil                               | a.Number of rows               | mm      | 1.2                           |
|   | b.Tube pitch(a)x row pitch(b)  | mm      | Hydrophilic aluminum          |
|   | c.Fin spacing                  | mm      | Φ5,Inner groove tube          |
|   | d.Fin type (code)              |         |                               |
|   | e.Tube outside dia.and type    |         |                               |
|   | f.Coil length x height x width | mm 0x7  | 8x23.2+510x97.5x23.2+510x78x2 |
|   | g.Number of circuits           |         | 3                             |
| Indoor air flow (Hi/Mi/Lo)                |                                | m3/h    | 435/333/259                   |
| Indoor sound pressure level (Hi/Mi/Lo/Si) |                                | dB(A)   | 37/32/25/21.5                 |
| Indoor sound power level (Hi)             |                                | dB(A)   | 50                            |
| Indoor unit                               | Dimension(W*D*H)               | mm      | 715x194x285                   |
|   | Packing (W*D*H)                | mm      | 780x270x365                   |
|   | Net/Gross weight               | Kg      | 6.7/8.8                       |
| Outdoor fan motor                         | Model                          | W       | ZKFN-25-10-5L                 |
|   | Output                         | uF      | 25                            |
|   | Capacitor                      |         | /                             |
|   | Speed                          | r/min   | 780/600                       |
| Outdoor coil                              | a.Number of rows               | mm      | 1                             |
|   | b.Tube pitch(a)x row pitch(b)  | mm      | 18x17.3                       |
|   | c.Fin spacing                  | mm      | 1.3                           |
|   | d.Fin type (code)              |         | Hydrophilic aluminum          |

|                              |                                 |                   |                             |
|------------------------------|---------------------------------|-------------------|-----------------------------|
|                              | e. Tube outside dia. and type   | mm                | Φ5, Inner groove tube       |
|                              | f. Coil length x height x width | mm                | 745x468x17.3                |
|                              | g. Number of circuits           | m <sup>3</sup> /h | 3                           |
| Outdoor air flow             |                                 | dB(A)             | 1750                        |
| Outdoor sound pressure level |                                 | dB(A)             | 55                          |
| Outdoor sound power level    |                                 | mm                | 59                          |
| Outdoor unit                 | Dimension(W*D*H)                | mm                | 720x270x495                 |
|                              | Packing (W*D*H)                 | Kg                | 835x300x540                 |
|                              | Net/Gross weight                |                   | 21/22.8                     |
| Refrigerant                  | Type                            |                   | R32                         |
|                              | GWP                             |                   | 675                         |
| Design pressure              | Charged quantity                | Kg                | 0.47                        |
| Refrigerant piping           | Liquid side/ Gas side           | MPa               | 4.3/1.7                     |
| Connection wiring            | Max. refrigerant pipe length    | mm(inch)          | 6.35mm(1/4in)/9.52mm(3/8in) |
| Plug type                    | Max. difference in level        | m                 | 25                          |
| Thermostat type              |                                 | m                 | 10                          |
|                              |                                 |                   | 1.5x5//                     |
|                              |                                 |                   | //no-plug                   |
|                              |                                 |                   | Remote Control              |
|                              |                                 |                   | 17 ~ 32/0 ~ 30              |
| Operation temperature        | Indoor(cooling/ heating)        | °C                | -15 ~ 50/-20 ~ 30           |
|                              | Outdoor(cooling/heating)        | °C                | 12 ~ 18                     |
| Application area             | minimum-maximum                 | m <sup>2</sup>    | 138/284/312                 |
| Qty'per 20' /40' /40'HQ      |                                 |                   |                             |

| <b>SKY 12</b>                   | <b>SKY 18</b>               |
|---------------------------------|-----------------------------|
| 220-240V,1Ph,50Hz               | 220-240V,1Ph,50Hz           |
| 12000(3800~13400)               | 18000(6200~21000)           |
| 1320(83~1600)                   | 1550(140~2300)              |
| 5.8(0.8~7.3)                    | 6.7(0.6~10)                 |
| 13000(3700~14200)               | 19000(4400~23000)           |
| 1190(167~1400)                  | 1570(220~2350)              |
| 5.3(1.4~6.4)                    | 6.8(0.95~10.2)              |
| 3.5                             | 5.2                         |
| 6.5                             | 7.4                         |
| A++                             | A++                         |
| 2.8                             | 4.1                         |
| 4.1                             | 4.0                         |
| A+                              | A+                          |
| -7                              | -7                          |
|                                 | 4.4                         |
| 3.0                             | 5.1                         |
| 5.2                             | A+++                        |
| A+++                            | 2                           |
| 2                               | -15                         |
| -15                             | /                           |
| /                               | 2500                        |
| 2150                            | 13                          |
| 10                              | /                           |
| /                               | KSN140D21UFZ                |
| KSK103D32UEZ31                  | ROTARY                      |
| ROTARY                          | GMCC                        |
| GMCC                            | 4385                        |
| 3245                            | 1140                        |
| 850                             | 7.50                        |
| 5.70                            | /                           |
| /                               | /                           |
| /                               | /                           |
| /                               | VG74 440                    |
| /                               | ZKFP-30-8-3                 |
| ESTER OIL VG74 280              | 30                          |
| ZKFP-30-8-357L                  | /                           |
| 30                              | 1130 / 900 / 800            |
| /                               | 2.0                         |
| 1130/950/750                    | 21x13.37                    |
| 2                               | 1.2                         |
| 19.5x11.6                       | Hydrophilic aluminum        |
| 1.2                             | Φ7,Inner groove tube        |
| Hydrophilic aluminum            |                             |
| Φ5,Inner groove tube            |                             |
| 5x78x23.2+595x117x23.2+595x78x2 | 750x189x26.74+750x105x26.74 |
| 4                               | 3                           |
| 530/430/310                     | 840/680/540                 |
| 39.5/35.5/25/21.5               | 42.5/36/26/20               |
| 54                              | 56                          |
| 805x194x285                     | 957x213x302                 |
| 870x270x365                     | 1035x295x385                |
| 7.3/9.5                         | 10/13                       |
| ZKFN-25-10-5L                   | ZKFN-34-10-1-3              |
| 25                              | 34.0                        |
| /                               | /                           |
| 780/600                         | 740/650                     |
| 1                               | 2.0                         |
| 18x17.3                         | 21x22                       |
| 1.3                             | 1.3                         |
| Hydrophilic aluminum            | Hydrophilic aluminum        |

| Φ5,Inner groove tube        | Φ7,Inner groove tube        |
|-----------------------------|-----------------------------|
| 745x468x17.3                | 860*504*44                  |
| 3                           | 4                           |
| 1750                        | 2100                        |
| 55                          | 56                          |
| 64                          | 63                          |
| 720x270x495                 | 805x330x554                 |
| 835x300x540                 | 915x370x615                 |
| 21/22.8                     | 32.7/35.4                   |
| R32                         | R32                         |
| 675                         | 675                         |
| 0.52                        | 1.08                        |
| 4.3/1.7                     | 4.3/1.7                     |
| 6.35mm(1/4in)/9.52mm(3/8in) | 6.35mm(1/4in)/12.7mm(1/2in) |
| 25                          | 30                          |
| 10                          | 20                          |
| 1.5x5//                     | 1.5x5//                     |
| //no-plug                   | //no-plug                   |
| Remote Control              | Remote Control              |
| 17 ~ 32/0 ~ 30              | 17 ~ 32/0 ~ 30              |
| -15 ~ 50/-20 ~ 30           | -15 ~ 50/-20 ~ 30           |
| 16 ~ 23                     | 24 ~ 35                     |
| 132/274/305                 | 84/180/208                  |
|                             |                             |

|                             |
|-----------------------------|
| <b>SKY 24</b>               |
| 220-240V,1Ph,50Hz           |
| 24000(7100~27000)           |
| 2600(420~3150)              |
| 11.5(1.8~13.8)              |
| 25000(5500~27000)           |
| 2400(300~2750)              |
| 11(1.3~12.2)                |
| 7.0                         |
| 6.1                         |
| A++                         |
| 4.8                         |
| 4.0                         |
| A+                          |
| -7                          |
| 5.6                         |
| 5.1                         |
| A+++                        |
| 2                           |
| -15                         |
| /                           |
| 3500                        |
| 15.5                        |
| /                           |
| KTM240D43UKT                |
| Twin-ROTARY                 |
| GMCC                        |
| 7600                        |
| 2045                        |
| 9.30                        |
| /                           |
| /                           |
| NA                          |
| /                           |
| ESTER OIL VG74 620          |
| ZKFP-58-8-1-5               |
| 58                          |
| /                           |
| 1130 / 900 / 800            |
| 2.0                         |
| 21x13.37                    |
| 1.3                         |
| Hydrophilic aluminum        |
| Φ7,Inner groove tube        |
| 780x210x26.74+780x105x26.74 |
| 4                           |
| 980/817/662                 |
| 45/40.5/36/29.5             |
| 59                          |
| 1040x220x327                |
| 1120x405x315                |
| 12.3/15.8                   |
| ZKFN-80-8-3                 |
| 80.0                        |
| /                           |
| 830/700/550                 |
| 1.6                         |
| 21x22                       |
| 1.3                         |
| Hydrophilic aluminum        |
|                             |
|                             |
|                             |

|                             |
|-----------------------------|
| Φ7,Inner groove tube        |
| 900*609*44                  |
| 5                           |
| 3500                        |
| 59                          |
| 67                          |
| 890x342x673                 |
| 995x398x740                 |
| 42.9/45.9                   |
| R32                         |
| 675                         |
| 1.42                        |
| 4.3/1.7                     |
| 9.52mm(3/8in)/15.9mm(5/8in) |
| 50                          |
| 25                          |
| 2.5x5//                     |
| //no-plug                   |
| Remote Control              |
| 17 ~ 32/0 ~ 30              |
| -15 ~ 50/-20 ~ 30           |
| 32 ~ 47                     |
| 66/137/156                  |
|                             |