









FOSHAN GUANGTENG NEW ENERGY CO., LTD

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DATA SHEET

Split R32 refrigerant DC inverter heat pump with WiFi function (heating, cooling and DHW)

| Model number | | GT-SKR020KBDC-S32 | GT-SKR030KBDC-S32 | GT-SKR040KBDC-S32 | GT-SKR050KBDC-S32 |
|-------------------------------|---------|---|---|---|---|
| Product photo | |  |  |  |  |
| Energy label (EN14825) | |  |  |  |  |
| Heating at A7/W35 | | | | | |
| Heating capacity (min~max) | KW | 6.80 (3.36~7.93) | 9.00 (4.50~10.66) | 12.80 (6.05~14.30) | 17.00 (8.60~20.30) |
| Power input (min~max) | KW | 1.62 (0.82~1.91) | 2.05 (1.07~2.50) | 2.97 (1.51~3.52) | 3.86 (1.91~4.45) |
| COP | W/W | 4.20 (3.30~5.40) | 4.40 (3.30~5.30) | 4.30 (3.20~5.20) | 4.40 (3.30~5.50) |
| Heating at A2/W35 | | | | | |
| Heating capacity (min~max) | KW | 6.25 (2.92~7.42) | 8.32 (3.74~9.52) | 11.80 (5.30~13.30) | 15.70 (7.37~18.80) |
| Power input (min~max) | KW | 1.60 (0.82~1.96) | 2.03 (1.02~2.45) | 2.95 (1.45~3.50) | 3.84 (1.89~4.56) |
| COP | W/W | 3.90 (2.30~4.60) | 4.10 (2.40~4.60) | 4.00 (2.20~4.40) | 4.10 (2.40~4.80) |
| Heating at A-7/W35 | | | | | |
| Heating capacity (min~max) | KW | 5.03 (2.52~5.90) | 6.53 (3.28~7.71) | 9.64 (4.85~11.38) | 12.65 (6.34~14.93) |
| Power input (min~max) | KW | 1.57 (0.79~1.96) | 1.98 (0.99~2.48) | 2.92 (1.46~3.45) | 3.72 (1.86~4.65) |
| COP | W/W | 3.20 (2.56~3.84) | 3.30 (2.64~3.96) | 3.30 (2.64~3.95) | 3.40 (2.72~4.08) |
| Cooling at A35/W7 | | | | | |
| Cooling capacity (min~max) | KW | 5.00 (2.75~6.50) | 6.50 (3.58~8.45) | 10.20 (5.61~13.26) | 12.90 (7.10~18.7) |
| power input (min~max) | KW | 1.78 (1.07~2.58) | 2.28 (1.37~3.31) | 3.64 (2.18~5.28) | 4.45 (2.67~6.45) |
| EER | W/W | 2.80 (2.40~3.15) | 2.85 (2.45~3.15) | 2.80 (2.40~3.10) | 2.90 (2.45~3.20) |
| Power supply | V/Ph/Hz | 220~240/1/50 | 220~240/1/50 | 220~240/1/50 | 380~415/3/50 |
| Compressor | N/A | MISUBISHI | MISUBISHI | MISUBISHI | MISUBISHI |
| Compressor type | N/A | DC Inverter | DC Inverter | DC Inverter | DC Inverter |
| Compressor quantity | pc | 1 | 1 | 1 | 1 |
| Fan type | N/A | DC Inverter | DC Inverter | DC Inverter | DC Inverter |
| Fan quantity | pc | 1 | 1 | 2 | 2 |
| Refrigerant | N/A | R32 | R32 | R32 | R32 |
| Refrigerant regulation | N/A | Electronic expansion valve | | | |
| Defrosting | N/A | Auto-defrosting | Auto-defrosting | Auto-defrosting | Auto-defrosting |
| Heat exchanger | N/A | SWEP | SWEP | SWEP | SWEP |
| Heat exchanger type | N/A | Brazed plate heat exchanger | | | |
| Water connection | Inch | 1 | 1 | 1 | 1 |
| Water flow switch | N/A | SIKA | SIKA | SIKA | SIKA |
| Norminal water flow | m3/h | 1.4 | 1.8 | 2.7 | 3.6 |
| Operating outdoor temperature | °C | -20~43 | -20~43 | -20~43 | -20~43 |
| Max heating water temperature | °C | 60 | 60 | 60 | 60 |
| Max DHW temperature | °C | 55 | 55 | 55 | 55 |
| Min cooling water temperature | °C | 8 | 8 | 8 | 8 |
| Sound level | dB(A) | 52 | 54 | 56 | 56 |
| Degree of protection | N/A | IPX4 | IPX4 | IPX4 | IPX4 |
| Net weight of outdoor unit | kg | 57 | 72 | 102 | 122 |
| Net weight of indoor unit | kg | 21 | 22 | 22.5 | 23 |
| Dimension of outdoor unit | mm | 945*410*600 | 1010*410*795 | 1115*470*1020 | 1165*470*1280 |
| Dimension of indoor unit | mm | 460*230*640 | 460*230*640 | 460*230*640 | 460*230*640 |

Test condition:

- A7/W35: outdoor air temperature 7°C DB/6°C WB, water inlet/outlet temperature 30°C/35°C
- A2/W35: outdoor air temperature 2°C DB/1°C WB, water inlet/outlet temperature 30°C/35°C
- A-7/W35: outdoor air temperature -7°C DB/-8°C WB, water inlet/outlet temperature 30°C/35°C
- A35/W7: outdoor air temperature 35°C, water inlet/outlet temperature 12°C/7°C