









FOSHAN GUANGTENG NEW ENERGY CO., LTD

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DATA SHEET

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

Model number		GT-SKR020KBDC-M32	GT-SKR030KBDC-M32	GT-SKR040KBDC-M32	GT-SKR050KBDC-M32
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	kg	57	72	102	122
Dimension	mm	945*410*600	1010*410*795	1115*470*1020	1165*470*1280

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