



## Diamond Series - Inverter



### GS-DC128X

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<b>Total Cooling Capacity (Btu/h)</b>	12000
<b>Effective Power Input PE (W)</b>	1180
<b>Energy Efficiency Ratio EER (Btu/h)/W</b>	9.07
<b>Measured EER (Btu/h)/W</b>	9.28
<b>Test Voltage (V)</b>	198V and 264V
<b>Test Frequency (Hz)</b>	50Hz
<b>Indoor Test Temp (Dry/Wet °C)</b>	32/23
<b>Outdoor Test Temp (Dry/Wet °C)</b>	52/31
<b>Electric Shock Prevention</b>	Class 1
<b>Climate Type</b>	T3
<b>Power Supply</b>	220-240V~/50Hz

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<b>T1 Cooling Capacity</b>	3.51kW / 12000 Btu/h
<b>T3 Cooling Capacity</b>	3.14kW / 10700 Btu/h
<b>Cooling Running Current (T1/T3)</b>	4.50A   5.20A
<b>Cooling Power Input (T1/T3)</b>	0.96kW   1.18kW
<b>Power Factor</b>	0.98
<b>ACE</b>	2360 kWh/Yr
<b>EER (T1/T3) (Btu/h)/W</b>	12.50 / 9.07
<b>Max Input Current</b>	8.5A
<b>Max Input Power</b>	2.40kW
<b>Max Discharge Pressure</b>	4.3MPa
<b>Max Suction Pressure</b>	1.15MPa
<b>Refrigerant</b>	R410A
<b>Refrigerant Quality</b>	0.75kg
<b>Waterproof Class</b>	IPX4
<b>Net Weight Indoor Unit (kg)</b>	8.5kg
<b>Net Weight Outdoor Unit (kg)</b>	26kg
<b>Gross Weight Indoor Unit (kg)</b>	11kg
<b>Gross Weight Outdoor Unit (kg)</b>	30kg
<b>Rated Power Input PE (E)</b>	1180W
<b>Cooling Power - Effective Power Input PE (W)</b>	1140.2
<b>Rated Cooling Capacity (Btu/h)</b>	10700
<b>Cooling Capacity (Btu/h)</b>	10585.5
<b>Sensible Cooling Capacity (Btu/h)</b>	102838
<b>Latent Cooling Capacity (Btu/h)</b>	301.7
<b>Loading Capacity (40' HC)</b>	214
<b>Compressor Type</b>	Inverter
<b>Compressor MFG</b>	GMCC



## GS-DC188X

<b>Total Cooling Capacity (Btu/h)</b>	18000
<b>Effective Power Input PE (W)</b>	1880
<b>Energy Efficiency Ratio EER (Btu/h)/W</b>	9.043
<b>Measured EER (Btu/h)/W</b>	9.31
<b>Test Voltage (V)</b>	198V and 264V
<b>Test Frequency (Hz)</b>	50Hz
<b>Indoor Test Temp (Dry/Wet °C)</b>	32/23
<b>Outdoor Test Temp (Dry/Wet °C)</b>	52/31
<b>Electric Shock Prevention</b>	Class 1
<b>Climate Type</b>	T3
<b>Power Supply</b>	220-240V~/50Hz
<b>T1 Cooling Capacity</b>	18000 Btu/h
<b>T3 Cooling Capacity</b>	17000 Btu/h
<b>Cooling Running Current (T1/T3)</b>	6.4A   8.5A
<b>Cooling Power Input (T1/T3)</b>	1.45kW   1.88kW
<b>Power Factor</b>	0.98
<b>ACE</b>	3760 kWh/Yr
<b>EER (T1/T3) (Btu/h)/W</b>	12.41 / 9.083
<b>Max Input Current</b>	13.0A
<b>Max Input Power</b>	2.40kW
<b>Max Discharge Pressure</b>	4.3MPa
<b>Max Suction Pressure</b>	1.15MPa
<b>Refrigerant</b>	R410A

<b>Refrigerant Quality</b>	0.93kg
<b>Waterproof Class</b>	IPX4
<b>Net Weight Indoor Unit (kg)</b>	13kg
<b>Net Weight Outdoor Unit (kg)</b>	30kg
<b>Gross Weight Indoor Unit (kg)</b>	17kg
<b>Gross Weight Outdoor Unit (kg)</b>	35kg
<b>Rated Power Input PE (E)</b>	1880W
<b>Cooling Power - Effective Power Input PE (W)</b>	1891.8
<b>Rated Cooling Capacity (Btu/h)</b>	17000
<b>Cooling Capacity (Btu/h)</b>	17612.8
<b>Sensible Cooling Capacity (Btu/h)</b>	17522.4
<b>Latent Cooling Capacity (Btu/h)</b>	90.4
<b>Loading Capacity (40' HC)</b>	156
<b>Compressor Type</b>	Inverter
<b>Compressor MFG</b>	GMCC
<b>Compressor Model</b>	KSN140D33UFZM3

## GS-DC248X

<b>Total Cooling Capacity (Btu/h)</b>	24000
<b>Effective Power Input PE (W)</b>	2140
<b>Energy Efficiency Ratio EER (Btu/h)/W</b>	9.09
<b>Measured EER (Btu/h)/W</b>	9.21
<b>Test Voltage (V)</b>	198V and 264V
<b>Test Frequency (Hz)</b>	50Hz
<b>Indoor Test Temp (Dry/Wet °C)</b>	32/23
<b>Outdoor Test Temp (Dry/Wet °C)</b>	52/31
<b>Electric Shock Prevention</b>	Class 1
<b>Climate Type</b>	T3
<b>Power Supply</b>	220-240V~/50Hz
<b>T1 Cooling Capacity</b>	6.45kW / 24000 Btu/h
<b>T3 Cooling Capacity</b>	5.70kW / 19448 Btu/h
<b>Cooling Running Current (T1/T3)</b>	8.0A   9.30A
<b>Cooling Power Input (T1/T3)</b>	1.77kW   2.14kW
<b>Power Factor</b>	0.98
<b>ACE</b>	4280 kWh/Yr
<b>EER (T1/T3) (Btu/h)/W</b>	12.45 / 9.09
<b>Max Input Current</b>	16A
<b>Max Input Power</b>	-
<b>Max Discharge Pressure</b>	4.3MPa
<b>Max Suction Pressure</b>	1.15MPa
<b>Refrigerant</b>	R410A

<b>Refrigerant Quality</b>	1.25kg
<b>Waterproof Class</b>	IPX4
<b>Net Weight Indoor Unit (kg)</b>	13kg
<b>Net Weight Outdoor Unit (kg)</b>	40kg
<b>Gross Weight Indoor Unit (kg)</b>	17kg
<b>Gross Weight Outdoor Unit (kg)</b>	45kg
<b>Rated Power Input PE (E)</b>	2140W
<b>Cooling Power - Effective Power Input PE (W)</b>	2136.8
<b>Rated Cooling Capacity (Btu/h)</b>	19448
<b>Cooling Capacity (Btu/h)</b>	19671.7
<b>Sensible Cooling Capacity (Btu/h)</b>	19668.3
<b>Latent Cooling Capacity (Btu/h)</b>	3.4
<b>Loading Capacity (40' HC)</b>	143
<b>Compressor Type</b>	Inverter
<b>Compressor MFG</b>	GMCC
<b>Compressor Model</b>	KTN210D61UFUC3