

ROLLS

FANTOM

Cutting-edge compressors with leading-design, Japanese Technology that ensures reliability for extensive use in extreme conditions

Superior performance | High efficiency | Elegant design

Advanced Air Conditioning Split-Unit System with Inverter Technology. Outstanding Performance in both Cooling and Heating Mode at the Highest Energy Efficiency Class A++/A+++.

Enjoy ultimate comfort at home, thanks to smart capabilities and an elegant design that blends in with your environment. Moisture, dust, and bacteria extracting technology helps considerably improve the air quality of your space, creating a healthy environment for increased productivity and well-being.



SEER
A++

SCOP
A+++

R32
Refrigerant

DC
Inverter

DESIGN
Durable

www.intergazenergy.com



Wi-Fi Ready



Quiet



Anti-Bacterial Filter



Gold Fin (Anti-Corrosion)



iClean



Intelligent Defrost

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Energy Solutions

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Technical Specifications

Indoor Unit		IES2/IN - 12SUI/EU	IES2/IN - 18SUI/EU	IES2/IN - 24SUI/EU
Outdoor unit		IES2/OUT - 12SUI/EU	IES2/OUT - 18SUI/EU	IES2/OUT - 24SUI/EU
Cooling Capacity, BTU/H		12000 (2730-12284)	18000 (4095-20814)	24000 (4777-25591)
Cooling Capacity, KW		3.6 (0.8-3.6)	5.3 (1.2-6.1)	7.2 (1.4-7.5)
Heating Capacity, BTU/H		12624 (1700-11260)	19100 (4095-22520)	24566 (3071-24909)
Heating Capacity, KW		3.7 (1.0-3.8)	5.6 (1.2-6.6)	7.2 (0.9-7.3)
SEER Cooling / Energy Class		6.12 / A++	6.48 / A++	6.89 / A++
SCOP Heating / Energy Class-warmer		4.95 / A++	5.21 / A+++	5.25 / A+++
Power Supply, V/Hz/φ		~220-240/50/1	~220-240/50/1	~220-240/50/1
Rated Power (Cooling/Heating), KW		1.09 (0.1-1.6) / 0.97 (0.2-1.6)	1.73 (0.09-2.2) / 1.73 (0.2-2.2)	2.2 (0.37-2.90) / 1.96 (0.44-2.60)
Rated Current (Cooling/Heating), A		4.8 (0.6-7.0) / 4.3 (0.9-6.5)	7.5 (0.90-7.70) / 7.5 (1.40-8.80)	10.2 (1.60-12.80) / 8.8 (1.90-11.50)
Max Input Current, A		9.5	12	16
Air Flow Volume Indoor / Outdoor, m ³ /h		600/1800	850 / 2700	1150 / 3200
Dehumidification capacity, L/h		1.2	1.75	2.5
Indoor Unit Noise, dB (A)		24-42	25-46	26-47
Outdoor Unit Noise MAX, dB (A)		49	53	54
Indoor Electric Shock Prevention		Class I	Class I	Class I
Corrosion Protection		Gold Plating	Gold Plating	Gold Plating
Compressor Brand / Model		GMCC / KSK89D59UFZE	GMCC / KSM135D23UFZA	HIGHLY / GTD186UKQA9LT6
Device sizes (WxHxD), mm	Indoor	792x292x201	940x316x224	1132x330x232
	Outdoor	720x540x260	800x545x315	900x343x681
Net Weight, kg	Indoor	8.5	11.5	15
	Outdoor	25	34	45
Refrigerant Type		R32	R32	R32
Refrigerant Charged Quantity, Kg		0.60	1.28	1.44
Design Pressure, Mpa		4.28	4.28	4.28
Pipe Diameter (liquid)		ø 6.35 (1/4")	ø 6.35 (1/4")	ø 6.35 (1/4")
Pipe Diameter (gas)		ø 9.52 (3/8")	ø 12.7 (1/2")	ø 15.88 (5/8")
Maximum pipe length for pre-charge, m		7.0	7.0	7.0
Maximum pipe length, m		20.0	25.0	25.0
Maximum height difference, m		10.0	15.0	15.0
Additional R32 charge per meter added, g		15.0	25.0	25.0
Wi-Fi Enabled Control Board		YES	YES	YES
Anti-Bacterial Filter		YES	YES	YES

*The data above is only a reference. For model specifications, please refer to the nameplate on the unit.