

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

ROLLS

FANTOM

Smart capabilities Superior performance

Technical Specifications



Intergaz
Energy Solutions

www.intergazenergy.com

Indoor Unit	IES2/IN - 09SUI/EU/241	IES2/IN - 12SUI/EU/241	IES2/IN - 18SUI/EU/241	IES2/IN - 24SUI/EU/241	
Outdoor unit	IES2/OUT - 09SUI/EU/241	IES2/OUT - 12SUI/EU/241	IES2/OUT - 18SUI/EU/241	IES2/OUT - 24SUI/EU/241	
Cooling Capacity, BTU/H	9000 (2050-10600)	12000 (2730-14000)	18000 (4430-19450)	24000(6140-25250)	
Cooling Capacity, KW	2.65 (0.6-3.1)	3.5 (0.8-4.1)	5.3(1.3-5.7)	7.2 (1.4-7.5)	
Heating Capacity, BTU/H	9200 (2730-11600)	12970 (3410-14000)	18000 (4430-18760)	24000 (6140-28000)	
Heating Capacity, KW	2.7 (0.8-3.4)	3.8 (1.0-4.1)	5.3(1.3-5.5)	7.2 (0.9-7.3)	
SEER Cooling / Energy Class	6.50 / A++	6.12 / A++	6.8 / A++	6.53 / A++	
SCOP Heating / Energy Class-warmer	5.31 / A++	4.95 / A++	5.25 / A+++	5.25 / A+++	
Power Supply, V/Hz/φ	~220-240/50/1	~220-240/50/1	~220-240/50/1	~220-240/50/1	
Rated Power (Cooling/Heating), KW	0.81(0.1-1.6) / 0.72(0.3-1.5)	1.18 (0.1-1.6) / 1.1 (0.3-1.6)	1.65(0.29-2.1) / 1.47(0.25-1.8)	2.2 (0.37~2.90) / 1.96 (0.44~2.60)	
Rated Current (Cooling/Heating), A	3.5(0.6-8.5) / 3.1(0.8-8.5)	5.4 (0.7~7.8) / 5.1(1.5-8.0)	7.8(2.2-9.3) / 6.5(2.0-8.0)	10.2 (1.60~12.80) / 8.8 (1.90~11.50)	
Annual Electricity Consumption (Cooling), kWh	146	201	273	359	
Max Input Current, A	8.5	9.5	12	16	
Max Air Flow Volume Indoor, m3/h	600	600	900	1300	
Dehumidification capacity, Kg/h	0.9	1	1.86	2.5	
Indoor Unit Noise, dB [A]	24-53	24-53	25-59	26-63	
Outdoor Unit Noise MAX, dB [A]	61	62	62	66	
Indoor Electric Shock Prevention	Class I	Class I	Class I	Class I	
Corrosion Protection	Gold Plating	Gold Plating	Gold Plating	Gold Plating	
Compressor Brand / Model	GMCC / KSN89D28UE4A31	GMCC /KSN98D27UER31	SANYO/ C-1RZ140H3DDF	SANYO / C-6RZ146H3DEF	
Device sizes	Indoor	792x292x201	792x292x201	940x316x224	1132x330x232
(WxHxD), mm	Outdoor	649x450x232	705x530x280	785x555x30015	900x700x350
Net Weight, kg	Indoor	8	8	11	14
	Outdoor	18.5	21	27	49
Refrigerant Type	R32	R32	R32	R32	
Refrigerant Charged Quantity, g	570	570	850	1300	
Design Pressure, Mpa	4.28	4.28	4.28	4.28	
Pipe Diameter (liquid)	ø 6.35 (1/4")	ø 6.35 (1/4")	ø 6.35 (1/4")	ø 6.35 (1/4")	
Pipe Diameter (gas)	ø 9.52 (3/8")	ø 9.52 (3/8")	ø 12.7 (1/2")	ø 15.88 (5/8")	
Maximum pipe length for pre-charge, m	70	70	70	70	
Maximum pipe length, m	20.0	20.0	25.0	25.0	
Maximum height difference, m	10.0	10.0	15.0	15.0	
Additional R32 charge per meter added, g	15.0	15.0	25.0	25.0	
Wi-Fi Enabled	YES	YES	YES	YES	
Anti-Bacterial Filter	YES	YES	YES	YES	
EUROVENT Certified Performance	YES	YES	YES	YES	

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

