

ROLLS

Light Commercial

FOUR WAY CASSETTE

Air Conditioning systems and solutions suitable for every business environment offering High Performance, Superior Efficiency, and Low Consumption. Cassettes with A++ energy class in cooling, all DC inverter. Excellent Performance in cooling and heating, even for the most demanding conditions.



High Efficiency / Full DC Inverter

Utilizing a high-efficiency DC Inverter compressor, an adjustable fan motor, and an advanced 180° sine wave vector driver, the system can be higher than 6.1 in SEER and 4.0 in SCOP meeting the new European energy efficiency standards.



Wide Operation Range

Providing superior comfort all year round, the unit operates perfectly between 52°C in hot summer and -15°C in cold winter with advanced system design and strict matching test (cooling in -15°C).



Silent Operation

The technologically innovative 3D spiral wind leaf increases air volume and in combination with the newest DC Motors makes the air supply quieter and smoother.



Fresh Air Intake

Fresh air promotes hygiene, comfort, and productivity among employees. The reserved fresh air intake hole allows 10% of fresh air intake for the indoor unit.



Auto Restart Function

The unit can automatically memorize the setting it is operating on in the case of an unintentional power cut. It will return to the previous setting when power resumes.



Built-In Water Pump

The built-in water pump can lift condensing water up to 1200mm high from the drainage pan.



Optimized Electric Box

Optimized, fire-proof, and easy to maintain.





Intergaz
Energy Solutions
www.intergazenergy.com

Technical Specifications

Sale Model	Indoor		IES/IN-18CLCAC/EU	IES/IN-24CLCAC/EU	IES/IN-48CLCAC/EU
	Outdoor		IES/OUT-18LCAC/EU	IES/OUT-24LCAC/EU	IES/OUT-48LCAC/EU
Capacity	Cooling	Btu/h	18000(5200-19100)	24000(7400-28000)	48000(16241-56298)
	Heating	Btu/h	19100(4800-21200)	27300(6800-31700)	55000(16309-55104)
Performance	Energy Efficiency Class ERP		A++ / A+/+++	A++ / A+/+++	A++ / A+/+++
	SEER/SCOP	W/W	6.3 / 4.0	6.6 / 4.5	6.2 / 4.1
Electric Data Indoor Unit	Power Supply Indoor Unit	V,Hz,Ph	~220-240/50/1	~220-240/50/1	~220-240/50/1
	Power Supply Outdoor Unit	V,Hz,Ph	~220-240/50/1	~220-240/50/1	~380-415/50/3
	Rated Cooling Power Input	KW	1.63(0.47~2.30)	2.18(0.67-3.56)	5.20(1.71-6.7)
	Rated Heating Power Input	KW	1.73(0.46~2.25)	2.10(0.65-3.62)	5.40(1.71-6.8)
Indoor Unit	Indoor Air Flow (Hi/Mi/Lo)	m³/h	700/600/530	1500/1350/1200	2000/1700/1600
	Noise Level (Hi/Mi/Lo)	dB(A)	45/44/36	49/47/44	54/52/48
	Net Dimension (W*D*H)	mm	570x570x260	840x840x246	840x840x288
	Net Weight	Kg	17	26	30
Outdoor Unit	Noise Level	dB(A)	55	58	60
	Net Dimension(WxDxH)	mm	800x315x545	900x350x700	940x370x1325
	Net Weight	kg	37	51	92
Electric Data Outdoor Unit	Model		KSM135D23UFZ	KTM240D57UKP	KTF400D66UMVA
	Type		ROTARY	ROTARY	ROTOR
	Brand		GMCC	GMCC	GMCC
DC Inverter Compressor	Refrigerant Type		R32	R32	R32
	Pipe Liquid Side	mm	6.35(1/4)	9.52(3/8)	9.52
	Pipe Gas Side	mm	12.7(1/2)	15.88(5/8)	19.05
	Max. Length	m	30	50	65
	Max. Height	m	20	25	30
General	Built-In Water Pump		YES	YES	YES
	Wi-Fi		YES	YES	YES

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

-  **R32 Refrigerant**
-  **Wi-Fi Control**
-  **Hydrophilic aluminium fin**
-  **Washable Filter**
-  **Intelligent Defrosting**
-  **Long Distance Air Supply**