ROLLS
Light Commercial

FOUR WAY CASSETTE

Air conditioning systems and solutions designed for every professional environment, offering **high performance, superior energy efficiency**, and **low power consumption.** Equipped with **A++ energy class in cooling**, all units feature **DC inverter technology.** Delivering excellent performance in both cooling and heating even under the most demanding conditions.



High Efficiency / Full DC Inverter

Thanks to the high-efficiency DC Inverter compressor and the adjustable fan motor, the system can achieve a SEER above 6.1 and a SCOP above 4.0, fully meeting the new European energy efficiency standards.

Wide Operation Range

Providing superior comfort all year round, the unit operates flawlessly at temperatures up to 52°C during hot summers and down to -15°C in cold winters, thanks to its advanced system design and rigorous compatibility testing (cooling operation even at -15°C).

Silent Operation

The technologically innovative 3D spiral wind blade increases air volume and, in combination with the latest DC motors, makes the air supply quieter and smoother.

Fresh Air Intake

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

Auto Restart Function

The unit can automatically memorize the settings it was operating on in the event of an unintentional power cut. It will return to the previous settings once the power is restored.

Built-In Water Pump

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

Optimized Electric Box

Optimized, fireproof, and easy to maintain.

R32 Refrigerant | Wi-Fi Control | Hydrophilic aluminium Fin | Washable Filter | Intelligent Defrosting | Long Distance Air Supply | Wireless Control



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Technical Specifications

Sale Model	Indoor		IES/IN-18CLCAC/EU	IES/IN-24CLCAC/EU	IES/IN-36/NDR3HYCB/EU	IES/IN-48CLCAC/EU
	Outdoor		IES/OUT-18CLCAC/EU	IES/OUT-24CLCAC/EU	IES/OUT-36/NDR3C2(U)/EU	IES/OUT-48CLCAC/EU
Capacity	Cooling	Btu/h	18000(5200-19100)	24000(7400-28000)	36000 (9800-39200)	48000(16241-49474)
		KW	5.28(1.53-5.60)	7.00(2.16-8.20)	10.55(2.90~11.50)	14.00(4.76-14.5)
	Heating	Btu/h	19100(4800-21200)	27300(6800-31700)	38000 (8800-40900)	55000(16309-59028)
		KW	5.60(1.40-6.20)	8.00(1.98-9.30)	11.15(2.60~12.00)	16.00(4.78-17.3)
Performance	Energy Efficiency Class ERP	W/W	A++/A+/+++	A++/A+/+++	A++/A+/+++	A++/A+/+++
	SEER/SCOP	W/W	6.1/4.0	6.6/4.5	6.1/4.0	6.2/4.1
Electric Data Indoor Unit	Power Supply Indoor Unit	V~,Hz,Ph	220-240/50&60/1	220-240/50&60/1	220-240/50&60/1	220-240/50&60/1
	Rated Cooling Power Input	KW	1.55(0.47～2.30)	2.18(0.67-3.56)	3.30(0.71~4.20)	4.65 (1.71-5.90)
	Rated Heating Power Input	KW	1.51(0.46～2.25)	2.10(0.65-3.62)	3.00(0.47~3.70)	4.58 (1.71-6.05)
Indoor Unit	Indoor Air Flow (Hi/Me/Lo)	m3/h	760/650/580	1500/1350/1200	2000/1700/1600	2000/1700/1600
	Sound Pressure Noise(Hi/Me/Lo)	dB(A)	44/41/38	49/47/44	52/50/48	51/49/47
	Net Dimension (W*D*H)	mm	570x570x260	840x840x246	840x840x288	840x840x288
	Net Weight	Kg	15.5	26	29	29.5
Outdoor Unit	Sound Pressure Noise Level	dB(A)	55	58	59	60
	Net Dimension (W*D*H)	mm	785x300x555	900x350x700	970x395x805	940x370x1325
	Net Weight	Kg	29	51	61	81
	Power Supply Outdoor Unit	V~,Hz,Ph	220-240/50&60/1	220-240/50&60/1	220-240/50&60/1	380-415/50&60/3
Compressor	Model		KSN140D53UFZM3	KTM240D57UKP	KTM240D43UKP	KTF310D43UMT
	Type		ROTARY	ROTARY	ROTARY	ROTOR
	Brand		GMCC	GMCC	GMCC	GMCC
Refrigerant Pipe	Type		R32	R32	R32	R32
	Liquid Side	mm	6.35(1/4)	9.52(3/8)	9.52(3/8)	9.52(3/8)
	Gas Side	mm	12.7(1/2)	15.88(5/8)	15.88(5/8)	15.88(5/8)
	Max. Length	m	30	50	65	65
	Max. Height	m	20	25	30	30
General	Build-In Water Pump		YES	YES	YES	YES
	Wi-Fi		YES	YES	YES	YES

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