

# KAISAI<sup>1</sup>eco



ENVIRONMENT-FRIENDLY KAISAI ECO AIR CONDITIONERS

# ECO NOMICAL CHOICE

**A++**

ENERGY EFFICIENCY



MULTI

MULTIFUNCTION REMOTE  
CONTROL UNIT



QUIET OPERATION



SLEEP FUNCTION

**TURBO**

TURBO MODE

kaisai.eco



## TECHNICAL DATA

MODEL		KEM-09KTA	KEM-12KTA	KEM-18KTA	KEM-24KTA
Cooling performance	W	2600 (1000-3200)	3500 (1100-4100)	5200 (1800-6100)	7000(2600-7800)
Power consumption in cooling mode	W	879 (100-1240)	1256 (100-1580)	1630 (140-2360)	2680 (100-1580)
Operating current in cooling mode	A	0.4-5.4	0.4-6.9	0.6-10.3	1.0-13.2
Heating performance	W	2900(800-3300)	3800(900-4200)	5500(1400-6700)	7300 (1600-8800)
Power consumption in heating mode	W	887(120-1200)	1154(130-1510)	1540(200-2410)	1154(130-1510)
Operating current in heating mode	A	0.5-5.2	0.6-6.6	0.9-10.5	1.1-13.7
SEER	W/W	6,2	6,1	6,4	6,1
Energy efficiency class in cooling mode		A++	A++	A++	A++
SCOP	W/W	4	4	4	4
Energy efficiency class in heating mode		A+	A+	A+	A+
Compressor Model		ASK89D53UEZ	ASK89D53UEZ	ASM135D23UFZ	ATF235D22UMT
Producent		GMCC	GMCC	GMCC	GMCC
Air flow of indoor unit	m3/h	420/320/270	570/470/370	840/680/540	980 / 800 / 640
Sound pressure of indoor unit	dB(A)	40/34/29,5	41/36/28	47/40/35	45/39/34
Dimensions of indoor unit (width x depth x height) mm		715x194x285	805x194x285	957x213x302	1040x220x327
Net / gross weight of indoor unit	Kg	6,8/8,9	7,2/9,6	9,5/12,5	11,9/15,2
Air flow of outdoor unit	m3/h	1800	1800	2100	2700
Sound pressure of outdoor unit	dB(A)	55,5	56	56	60
Dimensions of outdoor unit (width x depth x height) mm		770x300x555	770x300x555	800x333x554	845x363x702
Net / gross weight of outdoor unit	Kg	25.2/27.4	25.5/27.7	37.8/40.5	48.4/51.6
Cooling medium		R410A	R410A	R410A	R410A
Cooling medium amount	Kg	0.8	0.8	1.48	1,85
Max. length of installation	m	25	25	30	50
Max. difference in levels	m	10	10	20	25
Range of operating temp. of indoor unit	°C	17~32/0~30	17~32/0~30	17~32/0~30	17~32/0~30
Range of operating temp. of outdoor unit	°C	-15~-50/-15~30	-15~-50/-15~30	-15~-50/-15~30	-15~-50/-15~30

## MOST IMPORTANT FUNCTIONS



### A++ ENERGY EFFICIENCY

The energy saving technology allows the unit to operate in eco mode, which allows savings of even up to 70% when compared to conventional mode.



### MULTIFUNCTION REMOTE CONTROL UNIT

Thanks to it you can easily set the appropriate air parameters in the room. The remote control unit features some useful functions, such as: evaporator self-cleaning (SELF CLEAN), constant heating 8°C (HEATING 8°C), temperature sensor (FOLLOW ME).



### QUIET OPERATION

Thanks to the use of a modern fan construction, KAISAI ECO air conditioners have a very low noise level. The units may be used in rooms designed for work needing concentration (e.g. in libraries, reading rooms) or in sleeping rooms.



### SLEEP FUNCTION

This function ensures quiet and efficient sleep, protecting the room against overheating or overcooling.

### TURBO TURBO MODE

Function that allows attaining the desired cooling or heating effect in shorter time, and thus quick cooling or heating of the room.