



CS-RE9GKR/RE12GKR



CS-RE24HKR/RE28HKR

Advanced, Energy-Saving Inverter Models with Super Quiet Indoor and Outdoor Units

Advanced Inverter Performance

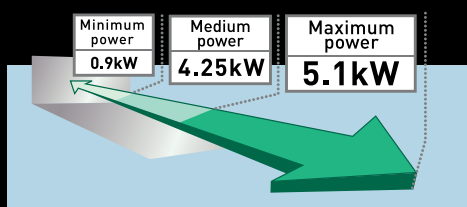
—The Difference in Power and Comfort

The Inverter circuit provides optimum power control and extremely efficient operation by changing the compressor speed. So even though you get speedy, flexible operation, you use less electricity than non-inverter models.



Even Wider Output Power Range

The graph shows the CS-RE12GKR's wide power output range during heating.



Super Quiet



The indoor unit delivers whisper quiet operation and the noise of the outdoor unit has also been reduced during cooling and heating. Better still, using the Quiet Mode lowers noise even further to just 22dB for the indoor unit and 47dB for the outdoor unit. So now you can enjoy a comfortable night's sleep without bothering the neighbours.



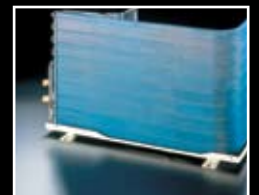
*1 CS-RE9/RE12GKR: In the Quiet mode during cooling operation with low fan speed

*2 CU-RE9GKR: In cooling mode, CU-RE24HKR: In the Quiet mode during cooling/heating operation with low fan speed.

Blue Fin Condenser

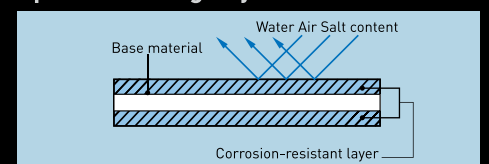


Condensers can take a beating from exposure to salty air, rain and other corrosive factors. Panasonic has tripled the life of its condensers with an original anti-rust coating.



Note: According to Panasonic test result.

Special Coating Layer (Fin Cross-section)



Single Inverter Split Wall-Mounted Models



CU-RE9GKR/RE12GKR

CS-RE9GKR CS-RE12GKR



CS-RE9GKR/RE12GKR

Features

- Inverter Control
- SUPER all-rounder Filter
- One-Touch Air Filter
- Odour-Removing Function
- Removable, Washable Panel
- Quiet Mode (Indoor Unit)
- Powerful Mode
- Soft Dry Operation Mode
- Airflow Direction Control (Up & Down)
- Manual Horizontal Airflow Direction Control
- Auto Changeover
- Hot Start Control
- 12-Hour ON & OFF Timer
- LCD Wireless Remote Controller
- Random Auto Restart
- Blue Fin Condenser
- 15m Long Piping
- Top-Panel Maintenance Access
- Self-Diagnostic Function



CU-RE24HKR
CU-RE28HKR

CS-RE24HKR CS-RE28HKR



CS-RE24HKR/RE28HKR

CU-RE24HKR

CU-RE28HKR

Features

- Inverter Control
- SUPER all-rounder Filter
- One-Touch Air Filter
- Odour-Removing Function
- Removable, Washable Panel
- Quiet Mode (Indoor/Outdoor Unit)
- Powerful Mode
- Soft Dry Operation Mode
- Personal Airflow Creation
- Auto Changeover
- Hot Start Control
- 24-Hour ON & OFF Real Setting Timer
- LCD Wireless Remote Controller (Large)
- Random Auto Restart
- 30m Long Piping
- Blue Fin Condenser
- Top-Panel Maintenance Access
- Self-Diagnostic Function

Specifications

Cooling / Heating

Model		(50Hz/240V)	CS-RE9GKR (CU-RE9GKR)	CS-RE12GKR (CU-RE12GKR)	CS-RE24HKR (CU-RE24HKR)	CS-RE28HKR (CU-RE28HKR)	
Cooling Capacity		kW	2.60 [0.90 - 3.00]	3.50 [0.90 - 3.90]	7.40 [0.90 - 7.70]	8.00 [0.90 - 8.40]	
		Btu/h	8,860 [3,060 - 10,230]	11,930 [3,060 - 13,300]	25,200 [3,070 - 26,300]	27,300 [3,070 - 28,600]	
Energy Efficiency Rating (EER)		W/W	3.46	3.33	3.05	3.02	
Star Rating Cooling			5.5	5.0	4.0	3.5	
Heating Capacity		kW	3.30 [0.90 - 4.10]	4.25 [0.90 - 5.10]	8.60 [0.90 - 9.40]	9.60 [0.90 - 10.40]	
		Btu/h	11,250 [3,060 - 13,980]	14,490 [3,060 - 17,390]	29,300 [3,070 - 32,100]	32,700 [3,070 - 35,500]	
COP		W/W	4.02	3.72	3.43	2.95	
Star Rating Heating			6.0	5.5	3.5	2.5	
Running Current		A	3.3 / 3.9	4.6 / 5.0	11.0 / 11.3	12.0 / 14.9	
Power Input		W	750 [190 - 880]	1,050 [170 - 1,150]	2,430 [350 - 2,700]	2,650 [350 - 2,950]	
			820 [170 - 1,150]	1,140 [150 - 1,460]	2,510 [360 - 3,200]	3,250 [360 - 3,790]	
Noise	Sound Pressure Level*1	Indoor (Hi/Lo/S-Lo)	dB(A)	42/27/22 / 42/27/25	42/30/22 / 42/33/25	47/38/35 / 47/38/35	49/38/35 / 48/38/35
		Outdoor (Hi/S-Lo)	dB(A)	47 / - / 48 / -	48 / - / 50 / -	52/47 / 52/47	53/48 / 53/48
	Sound Power Level	Outdoor (Hi)	dB	60 / 61	61 / 63	66 / 66	67 / 67
Dehumid		L/h	1.5	2.0	4.3	4.7	
Air Flow (Indoor/Hi)		L/s	163 / 172	165 / 173	282 / 305	295 / 312	
Dimensions	Indoor H x W x D	mm	280x799x183	280x799x183	275x998x230	275x998x230	
	Outdoor H x W x D	mm	540x780x289	540x780x289	795x875x320	795x875x320	
Net Weight	Indoor (Outdoor)	kg	8.5 [29]	8.5 [31]	11 [59]	11 [60]	
Pipe Extension Length	Min.~Max.	m	3~15	3~15	3~30	3~30	
Pipe Length for Additional Gas		m	7.5	7.5	10	10	
Additional Gas Amount		g/m	20	20	30	30	
Power Supply			Indoor	Indoor	Outdoor	Outdoor	

*1 Sound Pressure Level is measured according to JIS C 9612.

Rating Conditions

	Cooling	Heating
Inside air temperature	27°C DB/19°C WB	20°C DB
Outside air temperature	35°C DB	7°C DB/6°C WB

- Power plugs are not supplied with the unit.
- Electrical work must be installed by a licensed electrician. Be sure to use the correct rating of the power plug and mains circuit for the model to be installed.
- Please read the Installation Instructions carefully before installing the unit, and read the Operating Instructions before using.

Specifications are subject to change without notice. While every effort has been made to represent product colours accurately, slight variation may occur due to the printing process. The contents of this catalogue are effective as of June, 2008.