



Smart air for smarter living

# Cassette System



# Gree Cassette Air Conditioners

## Why Choose Gree Cassette Air Conditioners?

Gree's Inverter Heat Pump is the next generation of climate control technology. Gree's energy efficient outdoor units are available in a full range of capacities to perfectly match a wide range of climate control challenges.

Each is powered by Gree's energy efficient G10 inverter and variable speed compressor. Our G10 inverter technology saves energy, reduces outdoor noise and keeps room temperatures steady. Harsh start ups have been eliminated with Gree's Closed Loop start up technology. This improves compressor start up reliability under limited start up current.

Combine Gree's G10 technology, closed loop start up, highly efficient DC inverter compressors with DC brushless fan motors and computational fluid design, Gree's world class ISO certified manufacturing facility and our 6 year warranty with local support and you have a compelling reason to choose Gree Cassette Air Conditioners.

## Gree Cassette

Gree's ceiling cassette provides low noise performance through design and innovation. The ceiling cassette is a one-stop solution for acclimatizing small and large commercial spaces. This flexible climate solution conveniently disappears above the surface of any room's ceiling. Features include a highly effective 4-way discharge of air, multi speed fan, swing louver and cleanable air filter giving the ceiling cassette core performance capabilities ideal for commercial climate control. The discreet display reveals only a subtle grille surface.

The cassette is perfect for mid size commercial use, providing ideal climate conditions for medium to large business environments and commercial applications. The cassette is operable by infrared remote control, or by the XK75 wired remote controller. Power failure recovery ensures that the unit will come back online in the event of a power outage. Flexibility, economy of design and innovation make the Ceiling Cassette essential for creating ideal climate conditions

## Energy Efficiency and Reliability



DC brushless fan motors

Efficiency Increased

15%

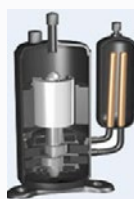


Running in low frequency

30%



Compare with AC motor



High efficiency DC inverter compressor.

180° sine wave space vector inverter drive technology.

Stable running in low frequency 15HZ.

### High Efficiency Digital PFC Control

A unit with a rated power of 5KW will save 50Ws per hour, therefore we can save 1.2Kwh a day.

1%



# Gree Cassette Indoor Units



## GKH24S

Cooling: 7.2kW

Heating: 8.2kW

## GKH36S

Cooling: 10.0kW

Heating: 12.0kW

## GKH42S

Cooling: 11.5kW

Heating: 13.8kW

## GKH48S

Cooling: 14.0kW

Heating: 16.0kW

## Key Features

- 4 way discharge
- Multi speed fan
- Wired Remote Control
- Remote central lockout
- Internal Condensate Drain Pump
- Swing louver
- Sentry Float Switch
- Cleanable filter
- Fresh Air Compatible
- Power failure recovery
- Easy Leveling
- XK75 wired controller
- Simple Maintenance
- Optional Central Controller

The Gree XK75 wired wall controller comes standard with all cassette units

**The Gree XK75 has many programmable functions:**

- Clock – Date and time programmable
- Daily Timer - Allows the programming of 8 segments per day
- Weekly Timer – 7 day programming of 8 segments per day
- Two Weekly Timer - 14 day programming of 8 segments per day
- Countdown Timer – Allows the programming of on and off times
- Fresh Air – Allows for the programming of an external damper for fresh air
- Sleep Mode – Allows for a pre-set sleep curve
- Absence Function, 8°C Temperature Select
- Filter Cleaning



# Gree Cassette Indoor/Outdoor Technical Specifications

Indoor Units		GKH24S	GKH36S	GKH42S	GKH48S
Capacity Cooling	kW	7.2	10.0	11.5	14.0
Capacity Heating	kW	8.2	12.0	13.8	16.0
EER/COP	W/W	3.35 / 3.35	3.33 / 3.43	3.29 / 3.29	3.26 / 3.56
Power Supply	V-Hz-Ph	220-240-50/60-1			
	Min/Max Voltage	198/264			
Sound Pressure Level	SH/H/M/L	50/48/46/43	54/52/49/4		55/5249/47
Air Flow high	l/s	389	528	555	639
Dimension	(WxDxH) mm	840x840x240	840x840x290		910x910x290
Fascia Panel	(WxDxH) mm	952x952x60			1040x1040x65
Outdoor Units		GUHD24N	GUHD36N	GUHD42N	GUHD48N
Input Current	Cooling (kW)	10.4	14.5	17.5	21.0
	Heating (kW)	11.8	17.0	20.5	22.0
Sound Pressure Level	dB(A)	56	60	61	60
Operating Temp	Cooling (°C)	-15 to 48			
	Heating (°C)	-10 to 24			
Pipe Sizes	Liquid	3/8			
	Gas	5/8			
Dimension	(WxDxH) mm	1005x425x790	1105x440x1105		1085x425x1365

## GREE ELECTRIC APPLIANCES INC. OF ZHUHAI

Based in the thriving industrial city of Zhuhai in China, GREE Electric Appliances is the world's largest specialised air conditioning enterprise. With nine manufacturing plants producing over 7,000 different models, sold to over 100 countries.

GREE employs over 5,000 R & D staff. This has allowed them to develop a wide range of quality products featuring energy saving technology, intelligent temperature control, smart defrosting and a wide range of filter options.

GREE's use of quality materials and state of the art manufacturing facilities has resulted in GREE maintaining its No 1 residential air conditioning global sales position since 2005. With more than 200 million users of residential air-conditioners globally, it's a quality you can trust.



For Installation and Sales:



For Parts and Warranty:



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