



GREE
HEAT PUMPS

*U-Match R32
Cassette*



Find out more at www.greeac.co.nz



Gree NZ supports
BirdCare Aotearoa

Gree U-Match R32 Cassette

Gree's new range of U-Match R32 Cassette Heat Pumps incorporates Gree's latest climate control technology. New compressors, new coil designs, all DC components and dynamic fluid design for greater and quieter airflow.

This means a more efficient heat pump, with less intrusion into your home or office.

5.1	7.1	10.0	12.5	16.0
				
840*840*200H	840*840*240H	840*840*290H		

The Gree U-Match R32 Cassette heat pumps come in 5 different models from 5.3 to 15.4kW, with adjustable air flows, there is a perfect model for your home or office.





Gree G10 Inverter Module

Each new U-Match is powered by Gree’s G10 inverter module connected to a new, high efficiency DC inverter compressor. Gree have paid great attention to improving the efficiency and durability of their new range of compressors.



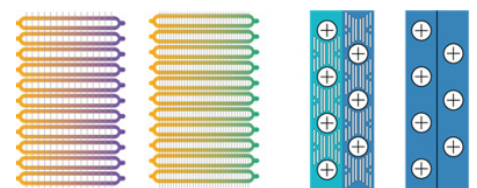
Energy Efficiency

All DC componentry improves energy efficiency, from the DC Inverter compressor with its step less capacity output, to brushless DC fan motors providing greater energy savings over older AC motors, to the DC electronic expansion valve offering precise control, each component contributes to better energy use.



New Gree Climate Control Technology

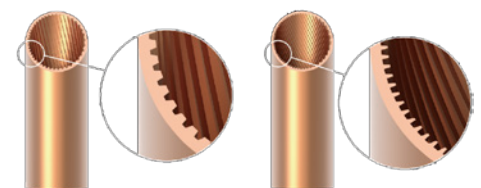
Gree’s new range of U-Match R32 Cassette Heat Pumps incorporates Gree’s latest climate control technology. New compressors, new coil designs, all DC components and dynamic fluid design for greater and quieter airflow. This means a more efficient heat pump, with less intrusion into your home.



Others Gree Others Gree

Improved Design

Each small step improves energy efficiency. From Improved rifling on the inner copper tubes to increase the internal heat transfer surface area, to low resistant refrigerant distribution within the coil, new coil fins with an optimised wind field design, Bionic fan blades with improved aerodynamic performance and a new “rain drop” grille for low wind resistance, all together these steps contribute to increased heat exchange efficiency and better use of your energy.



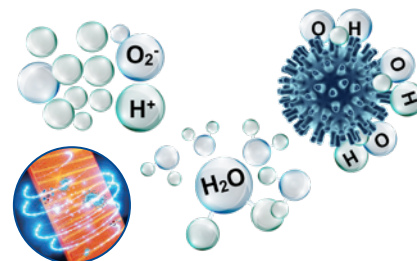
Old series New series

Enjoy Comfort All Year Round

Plasmacluster Ion Sterilisation & Fresh Air Intake Control

Everyone's focus has been on healthy, clean air in the last few years. Gree have responded to this with several new features to help keep your family safe.

The optional fresh air panel can be added to all Gree cassette units. It enables the introduction of fresh air into the conditioned space, pushing out stale air. This air passes by the Plasma Cluster Ion generator, this generator produces high energy ions and hydroxyl (OH) These ions and hydroxyls are absorbed on the surface of germs, and they extract hydrogen in the form of water, thus killing the germs. Each new U-Match Cassette unit also comes with a self-rinsing feature to make sure the indoor coil is kept clean and free of bacteria and germs.



Superb Comfort Features

Gree U-Match R32 Cassette Heat Pumps have several features for greater user comfort.



Standard
XE7C-24/HC
(Wi-Fi)



Optional
Touch Screen Controller
XE73-24/HC



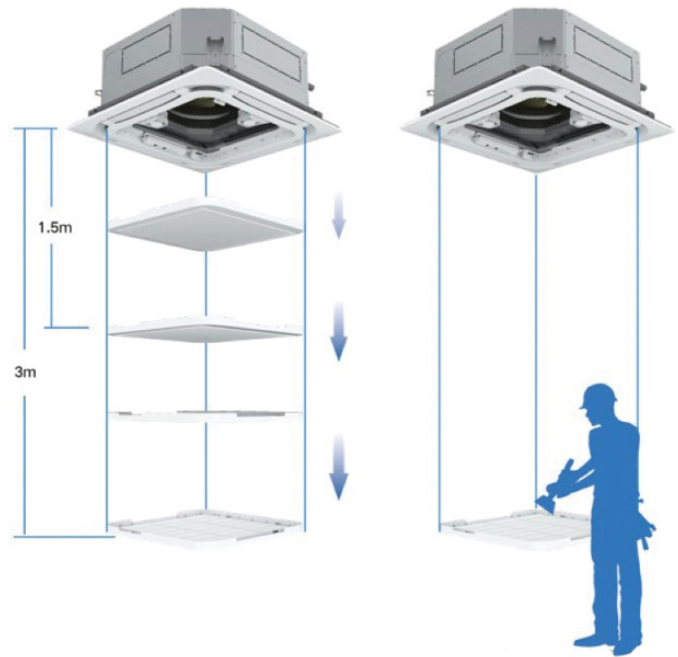
Optional
YAP1F7
(Wi-Fi)

Fast cooling and heating, the turbo mode will quickly heat or cool your home and once it gets to the correct temperature, will return automatically back to normal operation. All Gree units come with the I-Feel mode, this allows for the selection of where the temperature is detected, at the unit or at the wall controller. A humidity sensor is fitted as standard and works in cohesion with the temperature sensors to effectively control the effect of humidity on thermal comfort.

Gree U-Match R32 Cassette

Auto Lifting Panel*

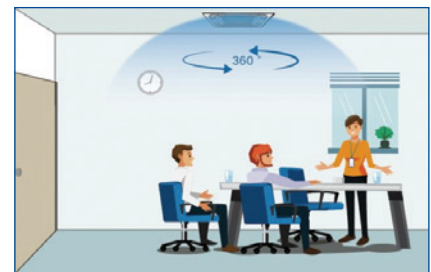
Auto lifting panel is optional for cassette units with large panels. To clean the filter, you can lower it to a designated height at just a push of a button. Filter cleaning is simpler and safer.



*Note: The lifting panel is optional.

Adjustable Airflow

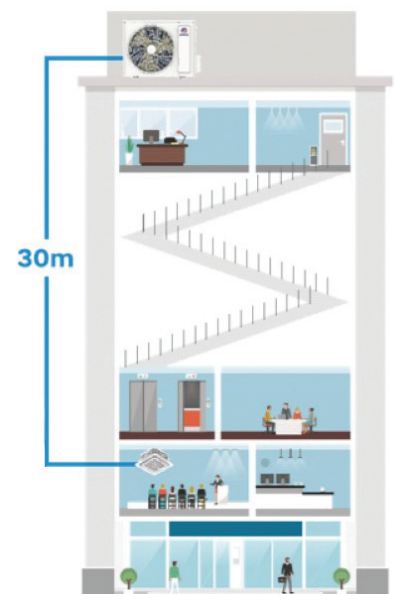
The airflow is adjustable via each louvre to give independent air supply and 360° airflow (programmable wired controller is required). The indoor comes with 11 fan speed setting to compensate for ceiling height.



Unified Power Supply & Long Piping Length

It is convenient to connect wires with the long-distance power line communication technology and unified power supply from the outdoor unit to indoor units.

Up to 75m piping length and 30m height difference.



Why Choose Gree U-Match Cassette?

Why choose Gree U-Match Cassette Heat Pumps?

At Gree New Zealand we offer a six-year warranty; our confidence in offering this warranty goes back to the sound engineering that goes into the development of all Gree products.

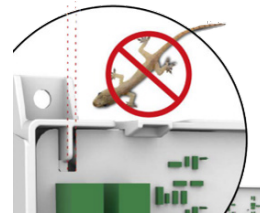
The new Gree U-match range comes with refrigerant cooling of the outdoor PCB to prevent overheating and a fire, rodent proof electrical box. The outdoor PCB is coated with three layers of Aus Guard to prevent corrosion. There is a full suite of safety features as standard with self-diagnosis to make servicing easier. The outdoor chassis is made of zinc coated and painted mild steel. The coils fin stock is protected by a hydrophilic coating. The unit will operate under a wide voltage and temperature range and has auto restart and a closed loop start-up program.



Before Coating



After Coating



Gap < 3mm
Insect-proof Design

Features



Wifi Control



X-fan



Lock



7 Fan Speeds



I Feel



Three Sleep Modes



3DC Inverter



Timer



Turbo Button



Self-Diagnosis



Soft Start

Control Options

No KIT Needed for Multi-split Application

Multi-split kit is no longer needed for U-Match VI. Current standard wired controllers can satisfy the needs for controlling multiple indoor units with one single controller, providing more convenience for installation.



Central Controller Optional

Gree offer a range of controllers including a Central Controller to manage several units at once.



CE52-24/F(C)

Wi-Fi Intelligent Control Standard

Through the use of the Gree+ app, the Gree cassette can be controlled via the mobile app. Wi-Fi is standard on all Gree Cassettes.



Dry Contact Gateway Optional

The dry contact controller (optional) provides signal output contacts for fire alarms, remote on/off. Operating status, running mode and error indicating.



ME60-42/H1

Type		U-Match Cassette				
Range		U-Match	U-Match	U-Match	U-Match	U-Match
RE Part #	Ind	AC5760	AC5761	AC5762	AC5763	AC5765
RE Part #	Out	AC5740	AC5741	AC5742	AC5743	AC5745
Model		GUD50T/C-S	GUD71T/C-S	GUD100T/C-S	GUD125T/C-S	GUD160T/C-S
		GUD50W1/NhC-S	GUD71W1/NhC-S	GUD100W1/NhC-S	GUD125W1/NhC-S	GUD160W1/NhC-S
Panel Model		TF06 (Standard) TF04A (Auto Lifting)				
GEMS Reg #		AAC7723	AAC7651	AAC7699	AAC7597	AAC7632
Performance						
Cooling Capacity (Range)	kW	5.3 (2.4~6.0)	7.1 (2.46~7.8)	10.0 (3.0~11.7)	12.5 (3.6~14.0)	14.0 (4.2~16.0)
Heating Capacity (Range)	kW	5.8 (2.2~7.0)	8.0 (2.2~8.8)	12.0 (3.6~13.5)	14.0 (4.2~15)	15.4(4.8~17.0)
Cooling Power Input	kW	1.25	1.97	2.9	3.85	4.18
Heating Power Input	kW	1.25	2.00	3.45	4.20	4.7
Cooling AEER	W/W	4.23	3.61	3.41	3.18	3.29
Heating ACOP	W/W	4.72	3.97	3.4	3.3	3.2
Heating Capacity H2	kW	5.5	5.9	9.60	11.4	12.2
Power Input Heating H2	kW	1.97	1.94	3.51	4.2	5.05
SERL Star Label	Cool	4.5/4.0/4.0	4.0/3.5/3.5	4/3.5/4	3.5/3.5/3.5	3/3/3
Hot/Ave/Cold	Heat	4.0/3.5/2.5	4.0/2.5/2	3.5/2.5/2	3.5/2.5/2	3/2/1.5
Dehumidifying Volume	L/Hr	1.7	2.4	3	3.5	4
Air Flow Volume (Max)	L/Sec	361	388	527	638	638
Sound Pressure (Min/Max) Ind	dB(A)	35 ~ 43	46 ~ 44	40 ~ 42	39 ~ 42	41 ~ 45
Sound Pressure / Power Out	dB(A)	57 / 67	57 / 68	58 / 72	59 / 73	59 / 72
Sound Pressure (Min/Max) Ind	dB(A)	35 ~ 41	46 ~ 44	40 ~ 42	39 ~ 42	41 ~ 45
Sound Pressure / Power Out	dB(A)	57 / 67	57 / 68	58 / 72	59 / 73	59 / 72
Electrical						
Power Supply	V-Hz-Ph	220~240/50/1				
Recommended Circuit Breaker	A	16	20	32	32	40
Nominal Current (Cool / Heat)	A	5.7 / 5.7	9.0 / 9.1	13.2 / 15.8	17.6 / 19.3	19.2 / 21.4
Control Wiring		3 Core + Earth				
Dimensions and Weights						
Indoor Dimensions (WxHxD)	mm	840 x 200 x 840	840 x 200 x 840	840 x 240 x 840	840 x 290 x 840	840 x 290 x 840
Indoor Net Weight	kg	21	21	23	25	25
Panel Dimensions (WxHxD)	mm	950 x 52 x 950	950 x 52 x 950	950 x 52 x 950	950 x 52 x 950	950 x 52 x 950
Panel Net Weight	kg	10	10	10	10	10
Outdoor Dimensions (WxHxD)	mm	889 x 660 x 340	889 x 660 x 340	940 x 820 x 370	940 x 820 x 370	900 x 1260 x 340
Outdoor Net Weight	kg	42	42	67	67	97
Installation						
Operating Temp Range Cool	°C	-15° ~ 52°	-15° ~ 52°	-15° ~ 52°	-15° ~ 52°	-15° ~ 52°
Operating Temp Range Heat	°C	-15° ~ 24°	-15° ~ 24°	-15° ~ 24°	-15° ~ 24°	-15° ~ 24°
Refrigerant Type		R32	R32	R32	R32	R32
Refrigerant Charge	kg	1.4	1.4	2.2	2.4	3.3
Max Pipe Length (pre-charged)	M	30(15)	30(15)	75 (15)	75 (15)	75 (15)
Max height		20	20	30	30	30
Additional Refrigerant	g/m	16	16	25	25	35
Pipe Connection	mm	9.52 ~ 15.88	9.52 ~ 15.88	9.52 ~ 15.88	9.52 ~ 15.88	9.52 ~ 15.88

For Installation and Sales:

For Parts and Warranty:



www.greeac.co.nz

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