

G-Cloud

(GC201811-I)

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Multi VRF Unit G-Cloud

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1 Product Introduction

➔ 1.1 summary

Gree smart home products has expanded gradually. At present, the existing Gree small home appliances and residential air conditioners have joined in Gree smart home. Along with the increase of smart control requirements for commercial VRF unit, Gree has developed WiFi controller of VRF -G-Cloud, which can realize the smart control for VRF units by Gree+ APP.

2 Appearance Photo

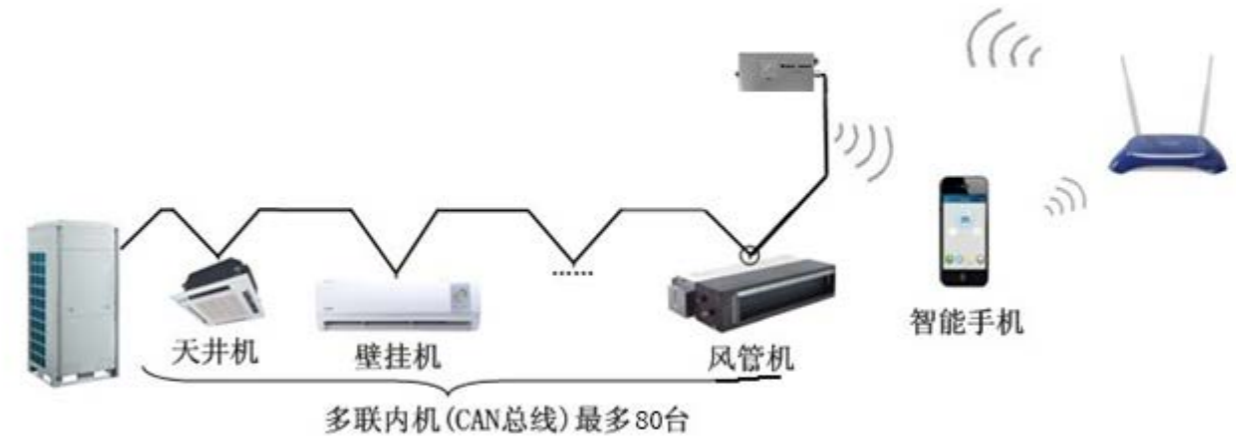
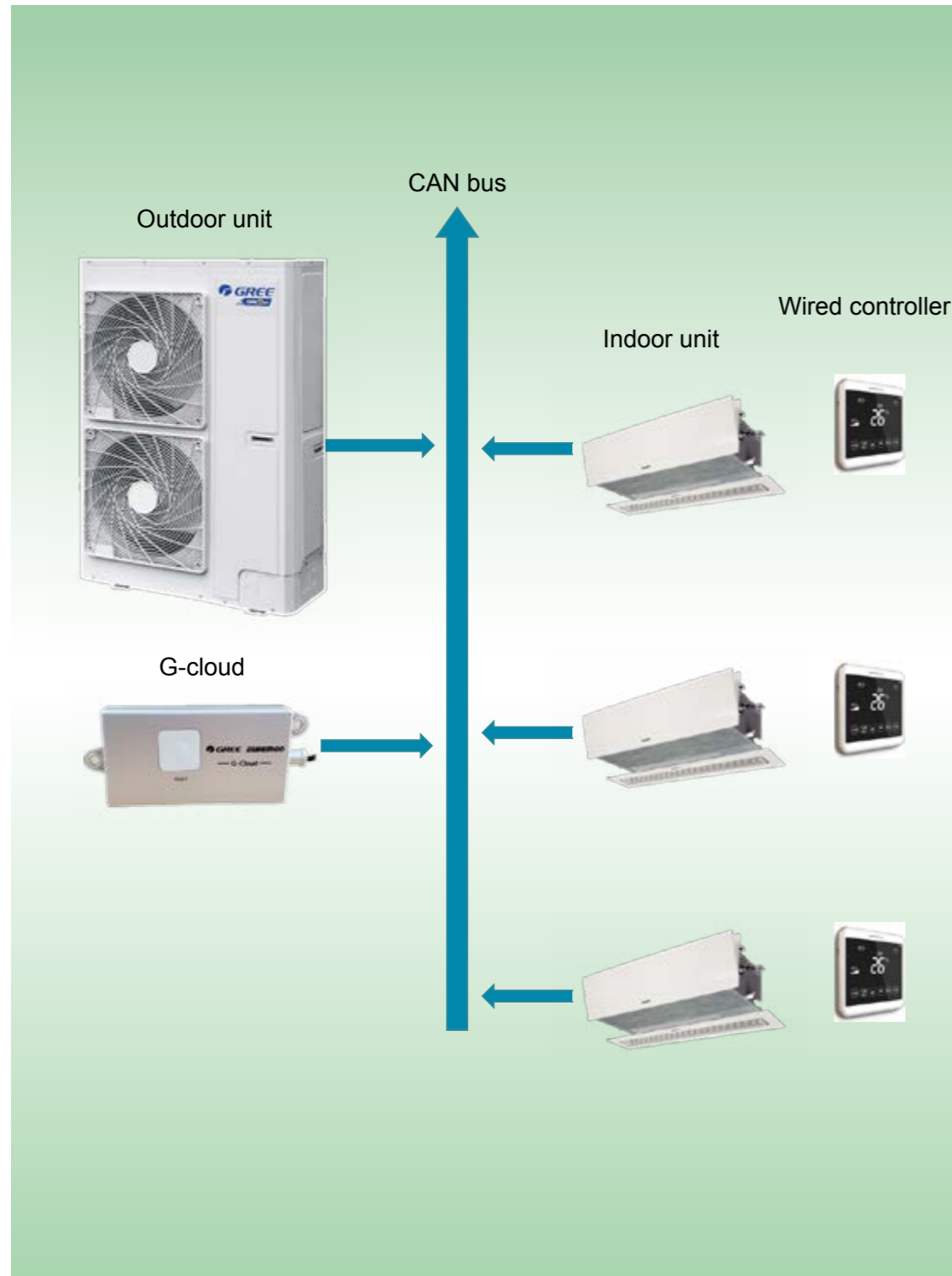


3 Function Introduction

G-Cloud can support 80 VRF indoor units at the most;
 ON/OFF;
 Mode: cool, heat, dry, fan, auto;
 Temperature setting;
 Fan speed: 8 speeds (quiet, auto, low, low-medium, medium, high-medium, high, turbo);
 Preset: can set 10 groups of ON/OFF;
 Others: air, X-fan, sleep, SE;
 Voice: G-Cloud supports the voice control commands by APP (not include preset);
 Note: As for other units which are not belong to air conditioning unit, such as energy-recovery ventilation system, they will be matched with related functions for user operation according to the models.

4 Function Introduction —Network Topology

G-Cloud connects the VRF system by CAN bus . The same system only needs one G-Cloud.



5 Function Introduction —Model Selection

According to the different signal channels in different countries, there are 1-11 and 1-13 signal channel G-Cloud for users to choose. Users select the corresponding model G-Cloud according to the signal channel in the country.

Model	Series code	Certificate	Signal Channel	Applicable model
ME31-00/C3	MC20001790	CE\RED	1-13	GMV5
ME31-00/C7	NC20000070	FCC\IC	1-11	GMV5

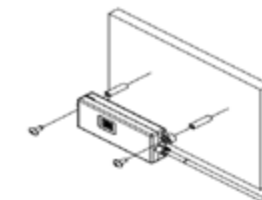
6 Installation Introduction

G-Cloud adopts 12V power;

▲ Install the G-Cloud at the CAN interface (4-core interface with 12V power) of any one indoor unit (close to the router) ;

Note:

1. Do not install it on the metal chassis to avoid signal attenuation and performance degradation.
2. Do not install it in damp environment to avoid short circuit.
3. Please install it close to the wireless router as much as possible (within 15m); There should be no obstacles such as wall between the C-Cloud and the wireless router. The built-in WIFI module needs to connect the wireless router to realize the remote control function.



7 Operation Introduction



Turn on Gree+ APP



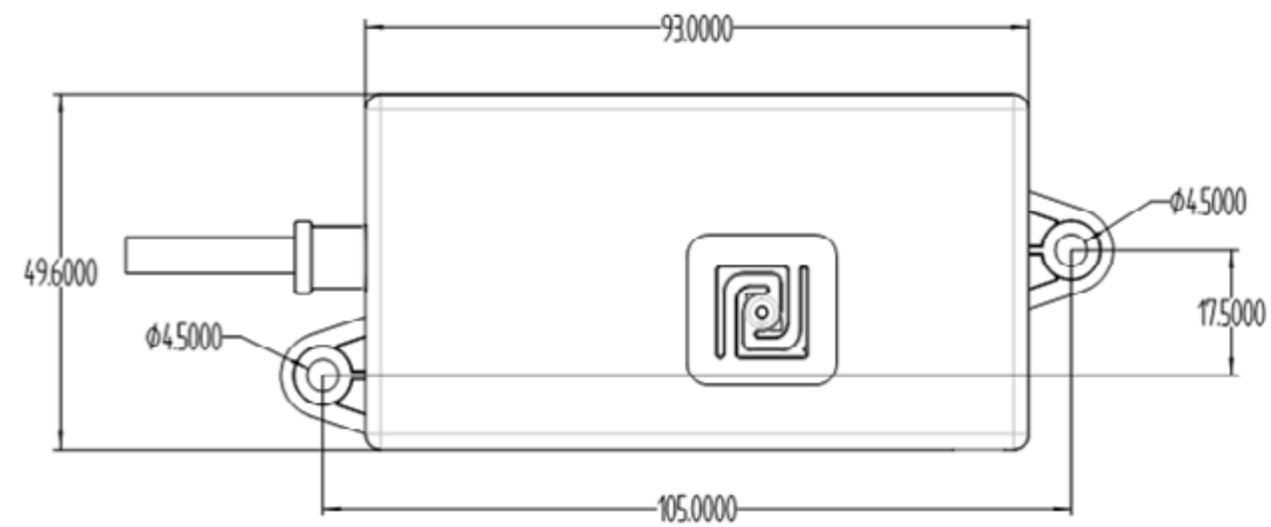
Select commercial air conditioner

5.1 Operation Introduction — APP download



8 Outline Dimension

Length	Width	Demeter of installation hole	Hole distance
93mm	49.6mm	4.5mm	105mm*17.5mm








Connect the network according to the guide of APP



Network is connected

9 Packaging List

Name	Photo	QTY	Unit	Purpose
Tapping screw		2	piece	To secure G-cloud
Rubber particle		2	piece	To secure the screw
High-temperature tieline 200m		3	piece	To fix the wire
Instruction manual		1	copy	Operation instruction manual
G-Cloud		1	set	G-Cloud Controller

10 Packaging Appearance



Gree Electric Appliances, Inc. of Zhuhai, founded in 1991, is the world's largest air conditioner enterprise integrating R&D, manufacturing, marketing and services.

Technology Innovation and quality are always our priority. With efforts of thousands of Gree's engineers, we own more than 3500 patents for our products.

Nowadays, we have 7 production bases in Zhuhai, Chongqing, Hefei and Zhengzhou(China), as well as Brazil, Pakistan and Vietnam, with annual production capacity of 30 million sets of residential air conditioners and 4 million sets of commercial air conditioners.

With the installation of Gree commercial air conditioners in important projects at home and abroad like Media Village for 2008 Beijing Olympic Games, Stadiums for 2010 World Cup in South Africa, as well as India Telecom base station, Gree commercial air conditioners are ready to develop steadily to every corner in the world, to present a more comfortable and harmonious working environment and family atmosphere.



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For continuous improvement in the products, Gree reserves the right to modify the product specification and appearance in this manual without notice and without incurring and obligations.