

A woman and a child are playing in a bright, sunlit room. The woman is on the left, and the child is on the right. In the foreground, a small, fluffy white dog is sitting and looking towards the camera with its tongue out. The background is slightly blurred, showing a window and some furniture.

Carrier

COMFORT **ZONE**
intelligence

CARRIER ZONE CONTROL SYSTEM

OPTIMIZED
XPOWER DUCTEDS
INVERTER



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WHY COMFORT ZONE?

Economical & efficiency



A family home is full of rooms and areas that aren't always in use. Without zoning, you could be keeping areas conditioned that you don't need to, which sends up your running costs. You can get rid of unnecessary extras from your energy bills and control the temperature in relevant areas of your household with COMFORT ZONE zoning.

Customised comfort



Not everyone enjoys the same level of cooling or heating. COMFORT ZONE zoning system allows you to set different temperatures in different rooms, which is especially useful if you and your family members do not share the same comfort preference

Extend unit performance



By choosing to condition only specific areas, your HVAC system won't have to exert as much effort as it would when cooling or heating the entire house. This approach not only prolongs the lifespan of the HVAC system but also reduces maintenance or repairs needed.

INTUITIVE DESIGN



7IN TOUCHSCREEN

Designed for more user-friendly interaction & decreasing misoperation.

INTUITIVE INTERFACE

Information management interface is simple, intuitive, and easy to use.

PRECISE COMFORT CONTROL

Set temperature in 0.5°C increments or decreases, allowing you to choose the temperature that suits you best.

HUMIDITY & TEMP SENSORS

Displays precise indoor room temperature and humidity levels.

DIGITAL TEMPERATURE SLIDE

Simply place your finger on the toggle of the dial and slide left or right to increase or decrease the temperature.

INTEGRATED ZONE DISPLAY

Control all of your zones within one device and each zone can easily be updated with a custom name that suits you best.

SMART DETECTION

Contactless position transmitters detect when a person is moving towards the controller and automatically turns on.

OVER THE AIR UPDATES

Software updates happen securely and effortlessly via Wi-Fi. So you can always have the latest software version.

DUAL MASTER CONTROL

Suitable for big house and commercial need that required up to 16 zoning control.



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Optimized for Carrier Xpower

Carrier's COMFORT ZONE system is designed for houses with multiple rooms that need air conditioning. It allows you to select zones that you want to heat or cool and set the airflow and temperature on every vent.

COMFORT ZONE can exclusively access practical functions that our Carrier Xpower ducted systems are packed with, which third-party zoning controllers can't (e.g., trouble reminder, energy-saving function, automatic self-cleaning, OTA).

The master controller is easy to use, intuitive, and packed with Carrier's intelligent COMFORT ZONE control technology. The flexible system can cater to large homes or small private dwellings.

COMFORT



Adaptability

Efficiently save on your electricity bill by turning off the A/C in the rooms that are not frequently used. This ensures that you are only using energy where it's needed, maximizing efficiency without sacrificing comfort.

The system's adaptability means that whether you're hosting a large gathering or enjoying a quiet evening at home, the climate in each room can be tailored to suit your needs.

Plus, with its seamless integration with smart home technology, you can make adjustments with just a few words or taps on your smartphone, making it not only a smart investment but also a convenient one.

ENERGY SAVINGS



Allows your ducted system stay efficient by turning on built-in ECO mode.



ZONE CONTROL CPU



- Up to 8 zones control for 1 zone controller
- Up to 16 zones control after uplink with another zone controller
- Meet the RJ12 6P6C terminal for dampers
- 0-100% position control for dampers
- 17-30°C control for dampers (must installed with sub controller)
- 915MHz RF communication ability
- Support 4 wires & 2 wires communication to the indoor unit
- Up to communicate with 8 sub controllers

COMFORT ZONE

SIMPLISTIC

The COMFORT ZONE control system uses Carrier's intelligent zone control algorithm to meet varying air volume needs in each room. It automatically adjusts air output to conserve energy when demand is low, enhancing user comfort and minimizing noise from excessive airflow.

Able to run up to 16 air valves by expanding capacity via additionally connect with another zone control box.

Built-in 915MHz wireless communication enable communicate with indoor unit with four-core RS485 / two-core Homebus.



COMFORT, CONTROL

Carrier

Lower Noise Level

COMFORT ZONE is optimized to take advantage of Carrier Xpower Ducted features. Xpower ducted units are designed with up to 4db noise reduction.

Sub controllers

COMFORT ZONE allows multiple controller options in the home cater to your needs, or to match each space. The sleek, intuitive sub controllers allows you to effortlessly manage your environment, ensuring that every room feels just right. These controllers also integrate with smart home systems, allowing you to adjust settings from your smartphone or voice-controlled devices for ultimate convenience. This flexibility ensures that maintaining comfort is always at your fingertips, adapting to both your preferences and the aesthetic of your home.



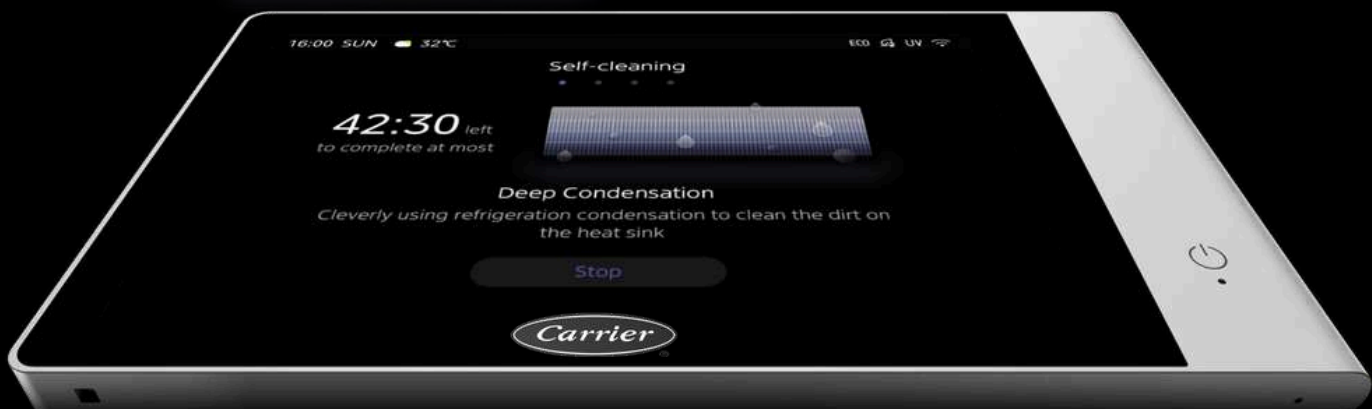
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COMFORT ZONE

Access to More Practical Features:

SELF CLEANING FUNCTIONS

05:06	High-temperature defrosting Automatic high-temperature melting of frost, eliminating dirt and dust
16:08	Air supplying cooling Exhausts moisture and dirt to restore optimal refrigeratic performance
31:15	Frosting Adsorb dirt by frosting heat sink

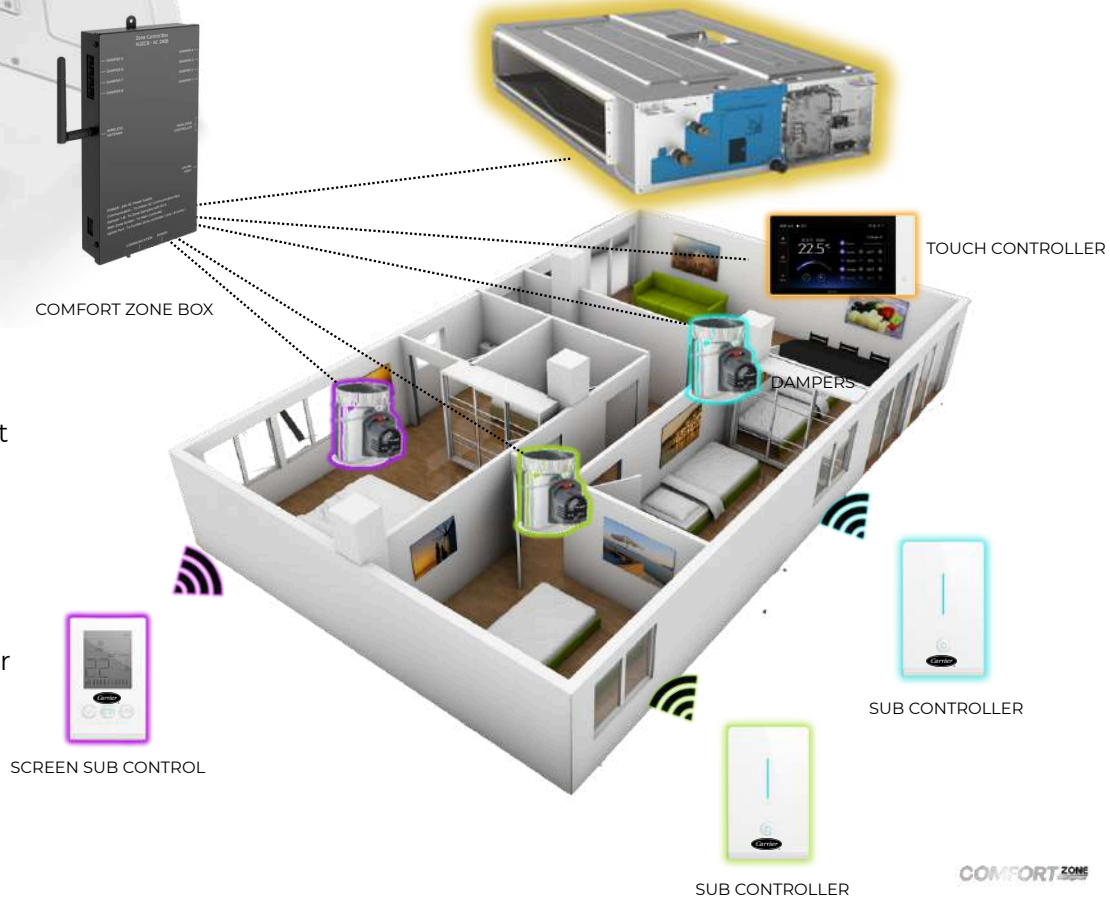


CONNECTIVITY



Getting connected

The COMFORT ZONE touch controller connects to the zone controller via a left bucket RJ12 wire, providing power and communication (12m RJ12 wire included). COMFORT ZONE zone master controller should be near the indoor unit, requiring a power adapter (provided by FMCC) for 24V AC power and can communicate with the indoor unit using either 4 wires RS485 or 2 wires home bus, with cables supplied. The sub controller uses 915MHz wireless RF to communicate with the zone controller, with a maximum indoor range of 50m, which may vary by building structure and type.



Staying connected

Carrier COMFORT ZONE integrates seamlessly with Carrier Smart Control, offering comfort, energy conservation, and connection. Homeowners can manage their COMFORT ZONE system from home via the advanced Touch Zone panel, voice control via Alexa or Google home or remotely using the SMART Control app. Whether you're at home or away, Carrier Smart Control keeps your comfort within easy reach.

This seamless integration of COMFORT ZONE technology into your home environment provides complete control over your heating and cooling needs, enhancing both efficiency, convenience and control.



COMFORT ZONE



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SPECIFICATION

Functions	Description	Master Controller	App (SMART HOME)	Zone Control BOX	Zone Controller (with screen)	Zone Controller (on/off type)
Dimensions (WxHxD)		203mm x 110mm x 17.5mm		244mm x 126mm x 39mm	69.85mm x 114mm x 17.5mm	69.85mm x 114.3mm x 17.5mm
Temperature Sensor Adjustment Range	17oC-30oC	●			●	●
Minimum Temperature Setting	±0.5oC	●	●		●	
Damper Adjustment Range	0%-100%	●	●			
Minimum Damper Setting	±5%	●	●			
Available Mode	Cooling / Heating / Fan / Dehumidifying / Auto	●	●			
ON/OFF	Turn ON/OFF all the dampers of ducted system	●	●			
Fan Speed		●	●	●		
Group Control	Allows individual control and group control for 2~16 dampers	●	●			
Child Lock	Turn ON/OFF by 4-digit password on master controller	●		●		
Information Display	Indoor humidity / indoor temperature /weather 7 day forecast	●	●			
Time Display		●				
Notification Display	Weekly timer for broadcasting / red dot reminder (reminder for error, OTA, self-cleaning completing, etc.) / error code	●	●			
Functions Activation	Energy saving / UV lamp / self cleaning / electric auxiliary heating / 8 degrees heating	●	●			
Schedule Setting		●	●			
Mode Customization	DIY favorite / sleep mode / leave home mode / back home mode etc.	●	●			
Filter Reset		●	●			
Third-party Control	Compatible with Alexa & Google Assistant		●			
Room Management	Customize the name of each room	●	●			
General Setting	Date, time, temperature, language setting (English only) etc.	●				
Wireless communication		WIFI & Bluetooth		RF915MHZ	RF915MHZ	RF915MHZ
Over-the-air Function	Version information view / Automatic or Manual OTA	●		●		
Restart/ Restore		●				
Device Information	SN code / User Agreement and Privacy Policy	●				

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