

HITACHI

# airCore 700

## Whole-Home Air Conditioning

Ducted single split systems

Cooling & Heating

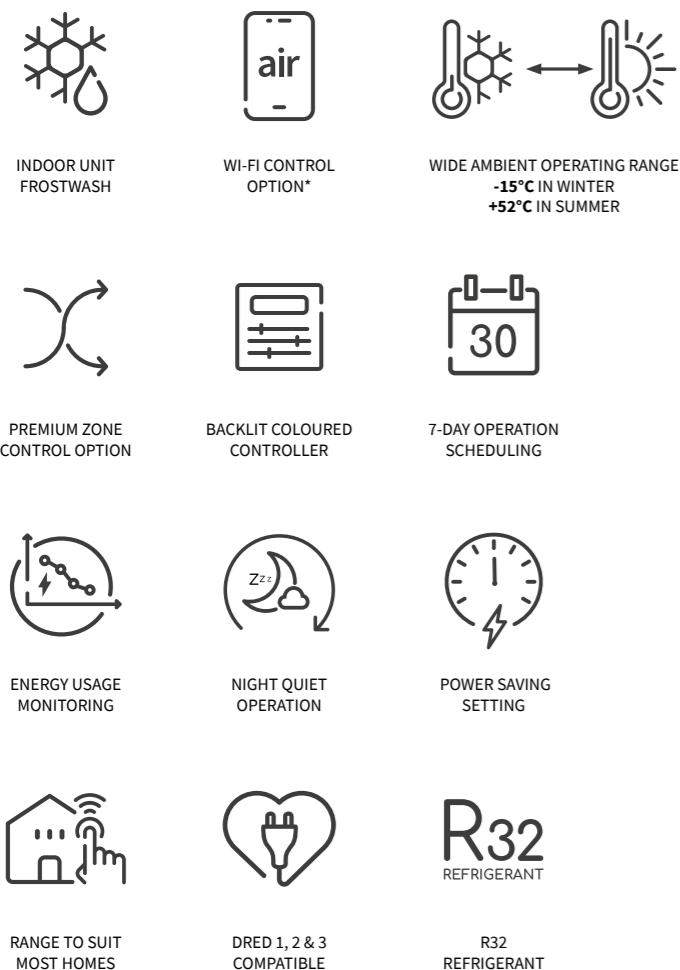


6 YEAR  
WARRANTY



The **airCore 700** stands as Hitachi's flagship residential ducted split system range. It delivers outstanding cooling and heating performance, showcasing a wide capacity range and efficient operation in diverse ambient temperatures, while guaranteeing uncompromised comfort.

Utilising **R32** refrigerant, **airCore 700** units have a lower global warming potential compared to R410A refrigerant products.



\*Wi-Fi Control Option coming soon

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### Peace of Mind with a 6 Year Warranty

The **airCore 700** ducted split range comes with a comprehensive **6 Year Warranty** on parts and labour, so you can be assured of the reliability and quality of your **airCore 700** system.

# airCore 700 Ducted Systems



Hitachi Ducted Single Split Systems

## Product Lineup

Nominal Cooling/Heating Capacity	<b>5.0/6.0 kW</b>	<b>6.0/7.5 kW</b>	<b>7.2/8.6 kW</b>	<b>10.0/11.5 kW</b>	<b>12.5/14.0 kW</b>	<b>14.0/16.0 kW</b>	<b>16.0/18.0 kW</b>
Cooling Capacity Range (Min-Max)	1.5~6.0 kW	1.5~7.5 kW	2.5~8.6 kW	3.2~12.0 kW	4.0~14.2 kW	5.0~16.0 kW	6.0~18.0 kW
Heating Capacity Range (Min-Max)	1.5~7.5 kW	1.5~9.0 kW	3.5~10.4 kW	3.5~14.0 kW	4.0~16.2 kW	5.5~18.0 kW	6.5~20.0 kW

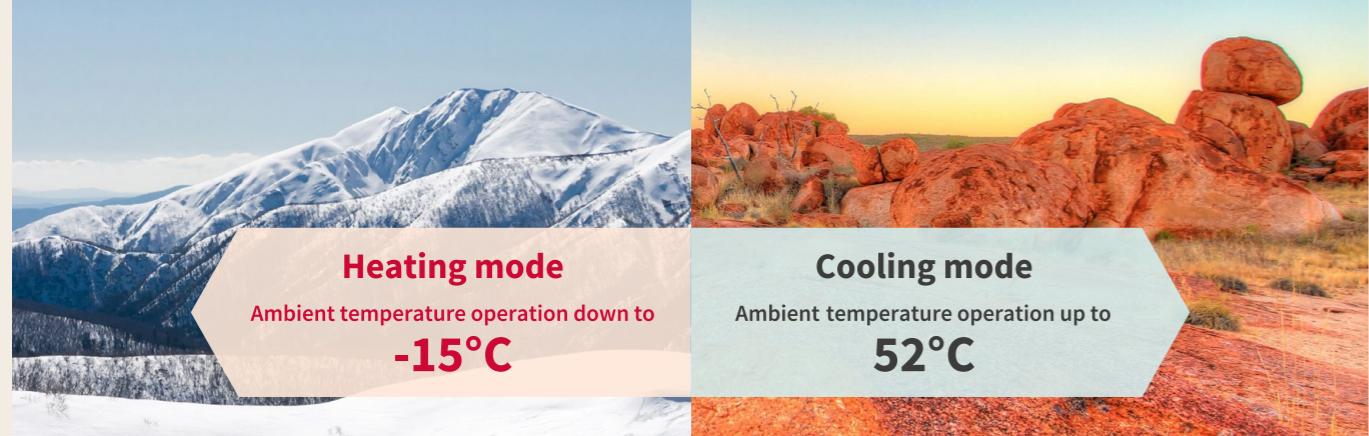
Indoor Unit	Ducted	Mid-Static Pressure (Standard Homes)						
		High-Static Pressure (Large Homes)						
Outdoor Unit	PAS-**UFASNQ1 (Single Phase) PAS-**UFASMQ1 (Three Phase)					 PAS-4.0UFASMQ1	 PAS-5.0UFASMQ1	 PAS-6.0UFASMQ1
			PAS-2.0UFASNQ1	PAS-2.5UFASNQ1	PAS-3.0UFASNQ1	PAS-4.0UFASNQ1 PAS-4.0UFASMQ1	PAS-5.0UFASNQ1 PAS-5.0UFASMQ1	PAS-6.0UFASNQ1 PAS-6.0UFASMQ1

Controllers			<b>With Premium Zone Kit:</b> GC-ZKT Zone Thermostat + PC-ARFG2-Z Zone Controller available on all ducted units (See Page 11)
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# Extreme Temperature Operation

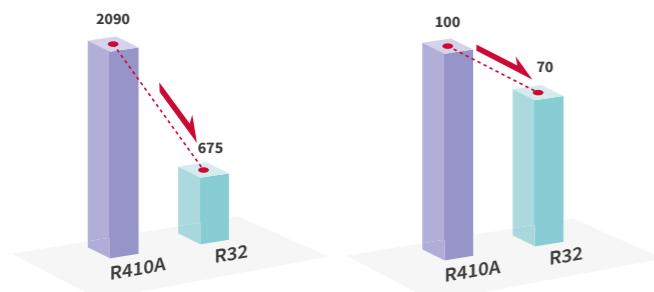
## Wide Operation Range

Designed for the harshest conditions, Hitachi **airCore 700** units are designed to operate in ambient temperatures from -15°C to 52°C to ensure you're always comfortable, whatever the weather.



## R32 Low GWP Refrigerant

Reducing environmental impact, **airCore 700** systems use R32 refrigerant which has a lower global warming potential (GWP) than traditional R410A refrigerant.



	Global Warming Potential	Charge Ratio %
<b>R32</b>	675	70
<b>R410A</b>	2,090	100

## Energy Efficient Precise Comfort

To achieve superior efficiency of pre-heating in low ambient conditions and reducing startup time, Hitachi's new R32 DC inverter compressors incorporate Hitachi's exclusive compressor control technology with advanced multi-pulse control.

For improved unit efficiency, **airCore 700** heat exchangers incorporate a new fin shape design and an improved refrigerant path



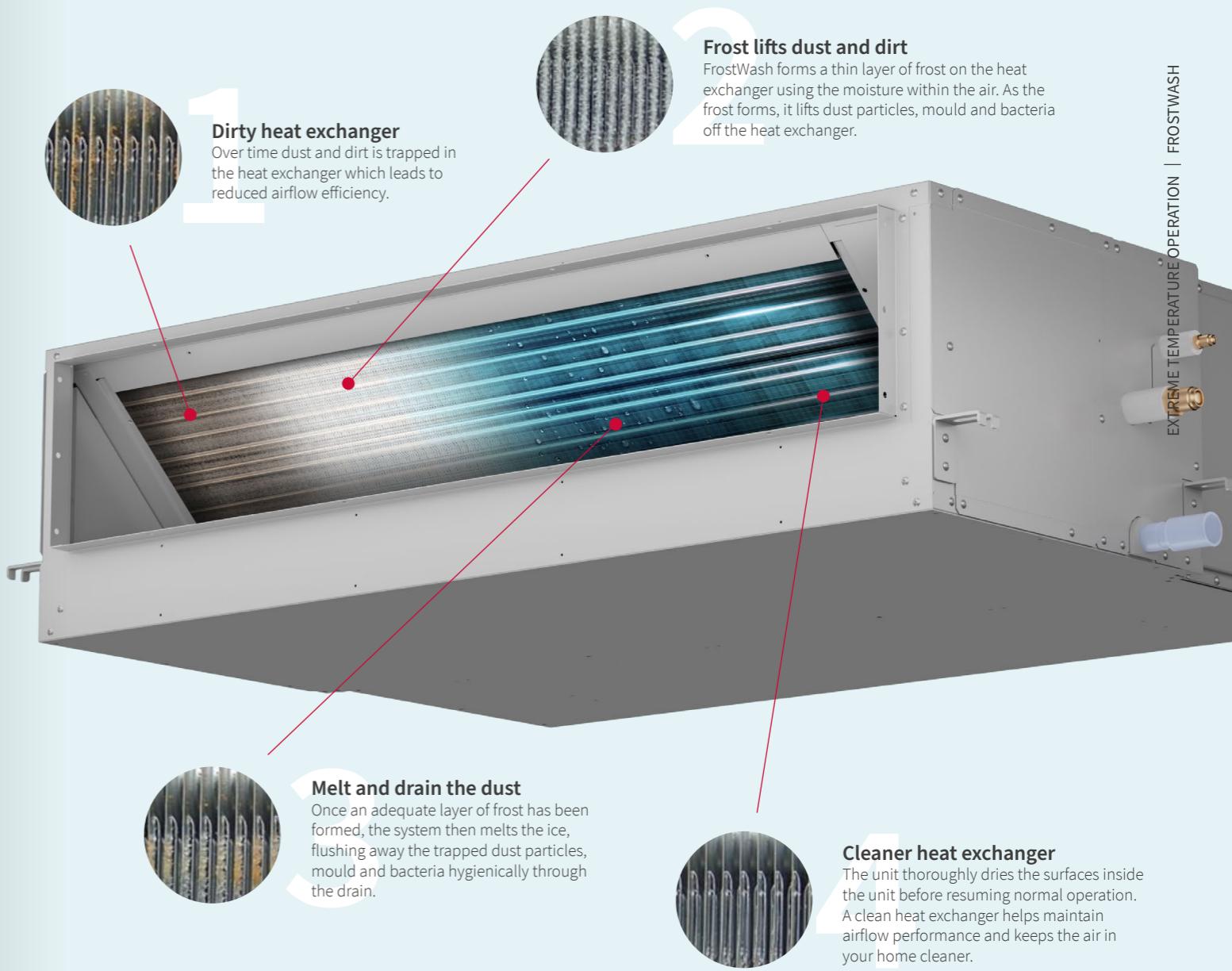
For more accurate temperature control, **airCore 700** units feature high precision electronic expansion valves.

# FrostWash™ Self-Cleaning Technology

## airCore 700 Ducted Indoor Units

All indoor ducted units are equipped with FrostWash. FrostWash freezes the dirt and dust trapped in the indoor unit heat exchanger, which is drained away with the condensate when it defrosts – effectively cleaning the heat exchanger and helping to safeguard long-term performance by maintaining good airflow.

FrostWash can be activated manually or automatically at scheduled intervals.



# Advanced Control



## Award winning...

- Colour screen
- 0.5°C temperature setting
- Visual interface
- Simple navigation
- Feature rich



## airPoint Room 700

MODEL PC-ARFG2-Z

### Functions

Function Menu	Simple Timer Operation Schedule Power Saving Setting Night Quiet Operation Power Saving/Night Quiet Schedule Power Consumption Display AutoBoost * Motion Sensor Setting ** Setback Setting Filter Clean Reminder FrostWash Setting Adjust Date/Time Run Indicator Brightness Display Adjustment Temperature Keypad Touch Sound Language Setting Chinese (Simplified/Traditional), Japanese, English (°C/F), French, Portuguese, Spanish (English only with Premium Zoning System)
Screen Display Setting	Zone Selection Zone Operation Setting Zone Set Temperature Setting Zone Schedule
Premium Zone Kit Function	

### Display Adjustment

Function	Action
Backlight Brightness	Adjust the brightness of the backlight
Backlight Dim Time	Dim Backlight after inactivity
Backlight Off Time	Turn Backlight off after inactivity
Screen Theme	Set screen theme as light or dark

\*Not available with premium zoning system

\*\*Motion sensor setting requires optional motion sensors installed

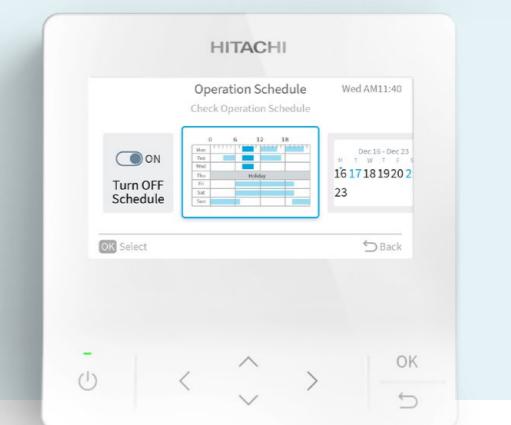
### Power Consumption Display

**Power consumption displays** the power consumption of the outdoor unit compressor. The value of each displayed in Graph/List format is 1 day (every 2 hrs.), 1 week (7 days), and 1 year (12 months).



### Operation Schedule Setting

**Operation schedule** function is a 7-day timer used to automatically start or stop the unit operation at the set time. The temperature can also be set. Up to 5 schedules can be set for each day of the week including scheduling for a holiday, six days in advance.



### Power Savings Setting

**Power Savings** setting helps reduce energy consumption with low, medium or high settings available..



### Night Quiet Operation

**Night Quiet Operation** significantly reduces the noise levels of the outdoor unit and offers the feature to schedule Night Quiet Operation for indoor units.

### Power Saving/Night Quiet Schedule

**Power Saving/Night Quiet Schedule** setting starts and stops power savings control and operation noise reduction control at the desired time. Up to 5 Power saving/night quiet schedules can be set for each day of the week.

### AutoBoost Setting\*

**AutoBoost** function provides powerful cooling and heating for 30 minutes once the operation starts to rapidly cool or heat your home.

### Setback Setting

**Setback** setting is designed to maintain a minimum level of comfort in a room when it is not occupied reducing unnecessary power usage.

\*Not available with premium zoning system

# Wi-Fi Control



## airCloud Go

### Smarter Air From Anywhere

Connect your Hitachi AC to **airCloud Go** via Wi-Fi and remotely control individual indoor units or premium zoning systems.

More **airCloud Go** features for better indoor climate control from the convenience of your phone

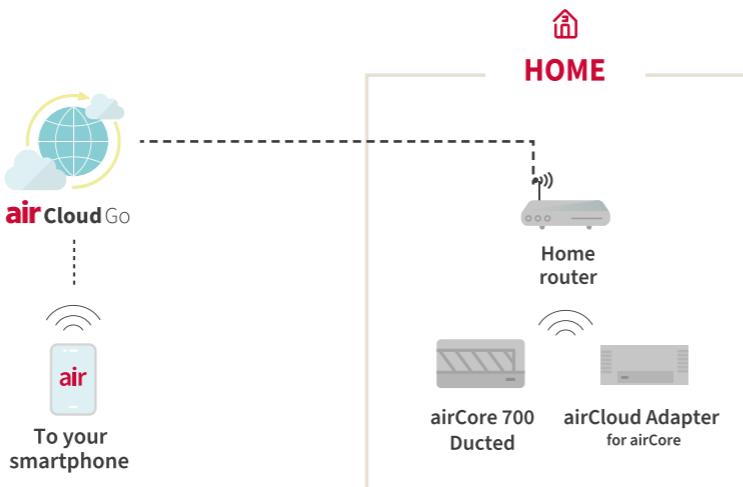
- Turn the air conditioner on/off and set the desired temperature and fan speed.
- Program your air conditioning operation with the Simple Timer and/or Weekly Timer.
- Pair your account with unlimited air conditioners.
- Invite up to 20 users to manage each air conditioner.



## airCloud Adapter

MODEL (GA-WFG)

**airCloud** Adapter is compatible with the **airCloud** Go App, enabling remote control of **airCore 700** ducted systems.



### Command with your voice

Connect with your smart speaker.

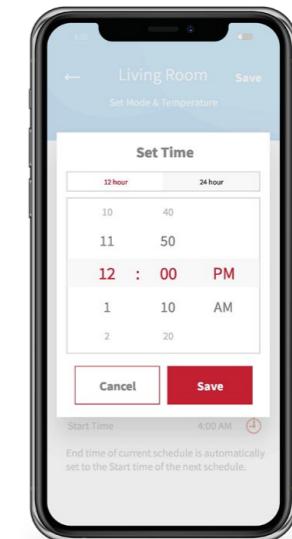
**airCloud** Go is fully-compatible with Amazon Alexa and Google Assistant, enabling you to change the temperature hands-free while you cook, clean, or exercise.



Amazon Echo



Google Home



### Plan to save energy

Intuitive scheduling options work around your needs

Use the simple timer before bed and save energy while you sleep, and use the weekly timer to schedule AC operation around your daily routine.

\***airCloud Go** SmartFence & energy monitoring  
not available with **airCore 700**

# Premium Zoning Systems with Modulating Damper Control

The Premium Zoning Kit is compatible with the **airCore 700** ducted system, designed for both standard home (mid-static pressure) and large home (high-static pressure) indoor units.

## Individual Room Temperature Setpoint

Allows connection of up to 8 zones with individual temperature setpoints for each zone. Zone's can be fitted with their own thermostats for comfort control.

## Capable of optimising airflow into each zone

Optimising comfort with modulating damper control for each zone and regulates airflow based on set point temperature on thermostat.

## Zoning Control

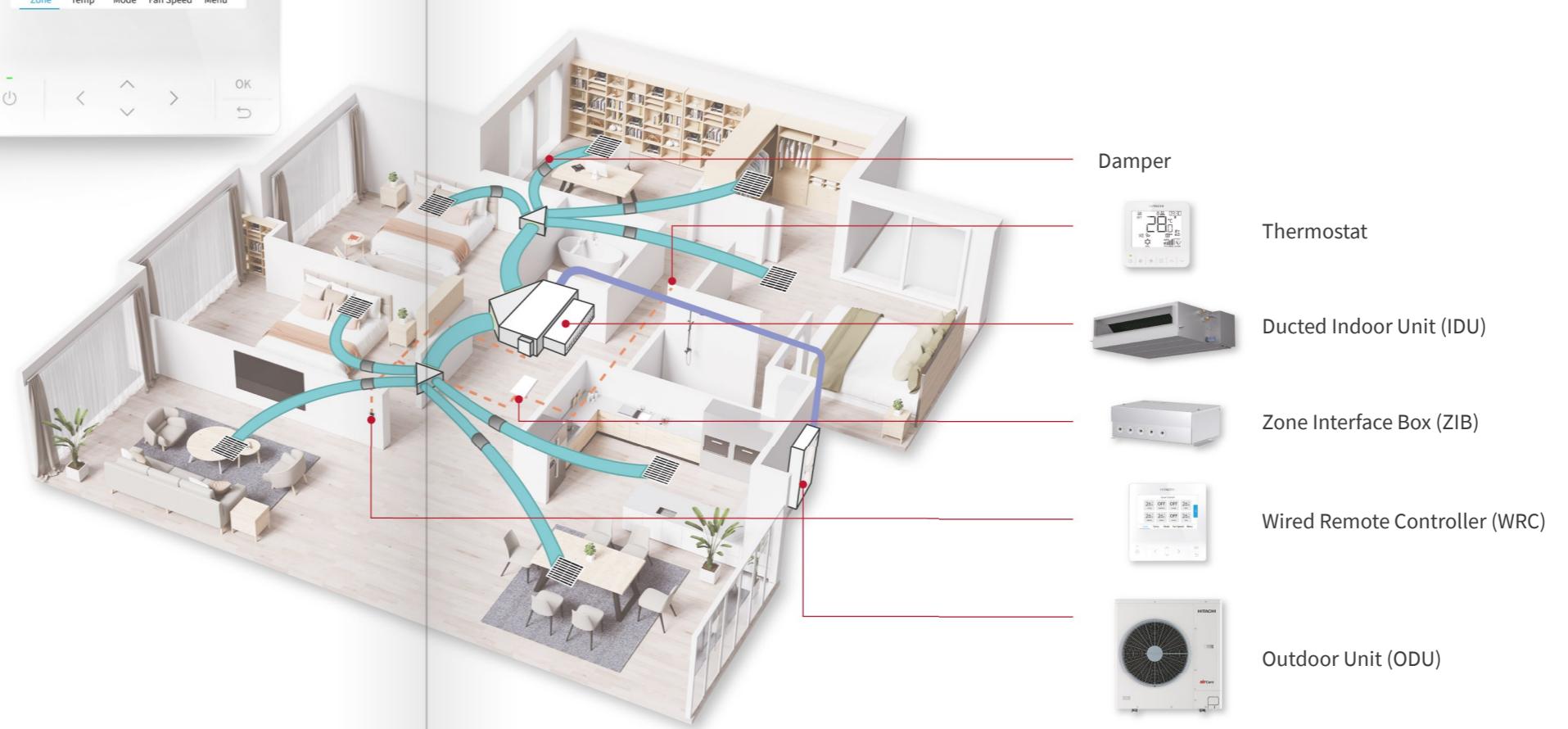
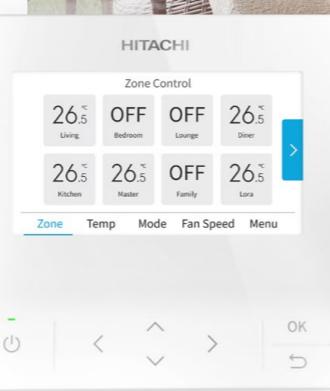
- PC-ARGF2-Z controller enables central control of all zones through the **Premium Zoning Kit**. When enabled, the home screen with zone control icon and set temperature in each zone will be displayed.
- **Monitoring all individual zone status** is available from the zone control screen. ON/OFF, Set temperature, Fan speed can be set for each individual zone from PC-ARGF2-Z.
- **Weekly operation schedule** can be set to control the zoning system. Individual zones can be selected to program different operation times and temperatures in each.

## Apps



COMING SOON

- Remotely control premium zoning system by **airCloud Go**.
- Control your AC from anywhere
  - Schedule operation times
  - Control cooling and heating for each zone



# Features & Options

	STANDARD HOME MID-STATIC	LARGE HOME HIGH-STATIC
6 Year Warranty	●	●
Indoor Unit Frostwash	●	●
Wi-Fi Control Option	■	■
52°C High Ambient Temperature Cooling Operation	●	●
-15°C Low Ambient Temperature Heating Operation	●	●
Premium Zone Kit Option	■	■
Power Usage Monitoring	●	●
Backlit Coloured Display Wall Controller	●	●
AutoBoost Setting **	●	●
On/Off Timer	●	●
7-Day Operation Scheduling	●	●
Power Saving Setting	●	●
Night Quiet Operation	●	●
Power Saving/Night Quiet Scheduling	●	●
Setback Setting	●	●
Dry Mode Operation	●	●
Automatic Fan Speed	●	●
Automatic Operation (Cool/Heat) *	●	●
Auto Restart Function	●	●
Set Temperature Auto Reset *	●	●
Temperature Setpoint Limits *	●	●
+/-0.5°C Temperature Setting	●	●
Child Keypad Lock	●	●
Self-Diagnostics	●	●
Filter Clean Reminder	●	●
Motion Sensor Option	■	■
DRED 1, 2 & 3 Compatible	●	●
Room/Zone Naming	●	●
NFC Setup *	●	●
Auto ESP Adjustment	●	●

● Standard

■ Optional Accessory

\*Must be activated through the controller at installation

\*\*Not available with premium zoning system









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