

**60Hz ON/OFF  
Light Commercial A/C**

**CCU, NEO, CCT, ENC**

# General Features

# 60Hz ON/OFF LCAC-Top discharge Outdoor Unit

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**24K/36K**






















**48K/60K**



- **Cooling only;**
- **Compact design for the outdoor unit;**
- **Universal design.**

# 60Hz ON/OFF LCAC-Indoor Unit

Item	18k	24k	36k	48k	60k
4-way Cassette (compact)					
4-way Cassette					
Floor & Ceiling					
Low static pressure Ducted					
Medium static pressure Ducted					
High static pressure Ducted					

# 60Hz ON/OFF LCAC-Indoor Unit

Type	Model	Capacity	SEER
Outdoor Unit	CCU24-410C	24000	13
	CCU36-410C	36000	13
	CCU48-410C	48000	13
	CCU60-410C	60000	13
	CCU60-410C-3	60000	13
Floor Ceiling	NEO24SC-C	24000	13
	NEO36SC-C	36000	13
	NEO48SC-C	48000	13
	NEO60SC-C	60000	13
Cassette	CCT24-24-C	24000	13
	CCT36-24-C	36000	13
	CCT48-24-C	48000	13
	CCT60-24-C	60000	13
Ducted	ENC24-1-C	24000	13
	ENC36-1-C	36000	13
	ENC48-1-C	48000	13
	ENC60-1-C	60000	13

# Advantages of New Design

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## New design for Top discharge Outdoor unit

- 24V electronic control communication connection, safe and simple.



- Metal grille

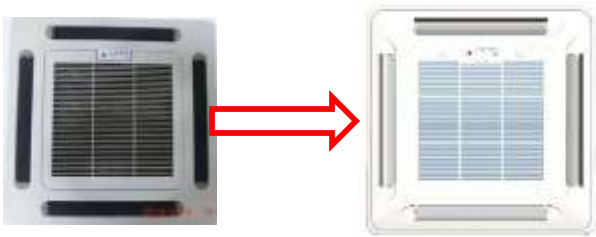


# **Technical introduction for indoor units**

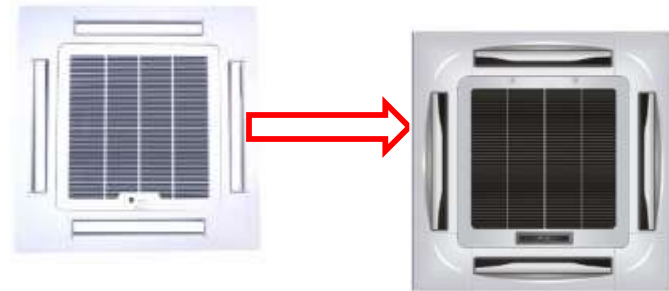
# 1. Technical Introduction for 4-way Cassette

## New developed panel

- Indoor unit use uniform standard panel, simple and convenient.
- 18kBtu~60kBtu, standard type, 950\*950mm 18kBtu, compact type, 650\*650mm.



**Compact Panel**  
**650\*650mm**



**Standard Panel**  
**950\*950mm**

- New maintenance panel.



Compact type



Standard type



# 1. Technical Introduction for 4-way Cassette

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## New developed panel

### ➤ New louver.



**Compact type**



**Standard type**

### ➤ New light panel for standard type.



**(option)**

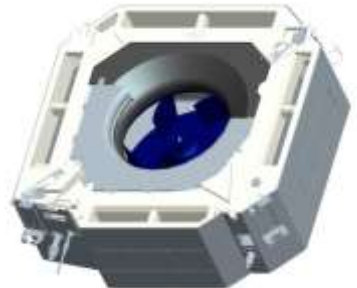
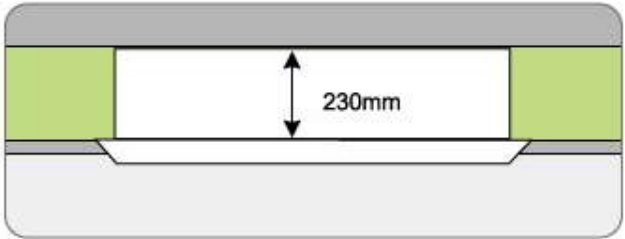


**(standard)**

# 1. Technical Introduction for 4-way Cassette

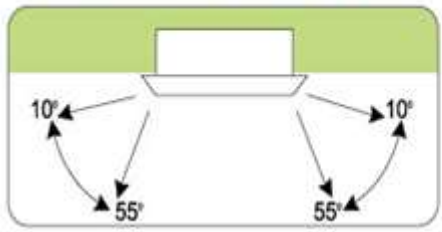
## New body, Slim design, saving installation space

- Ultra-thin body design, the thickness of the indoor unit (18kBtu~24kBTU) is only 230mm
- Occupied a small installation space, saving interior space.
- Use the Oblique inserting type evaporator, 3 rows  $\phi 7$ mm evaporator for 48KBtu/60KBtu.

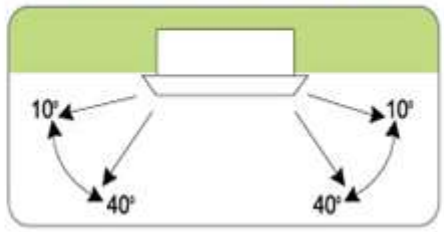


## Intelligent auto-swing function, three modes for choice

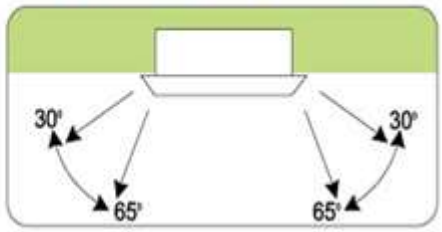
standard position, set in the factory



prevention direct air flow position



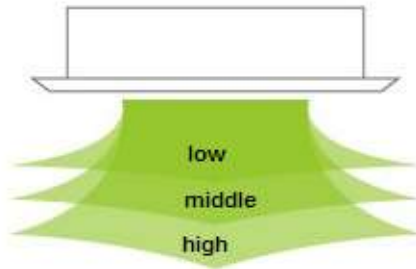
prevention dirty ceiling position



# 1. Technical Introduction for 4-way Cassette

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## Three fan speed selection



## New streamlined fan design



## 4-way air flow

- 4-way air flow, cold air can reach each corner of the room, providing a stable and comfortable environment.
- Use two stepper motors to control four louvers, stable air flow.



# 1. Technical Introduction for 4-way Cassette

## Convenient Installation

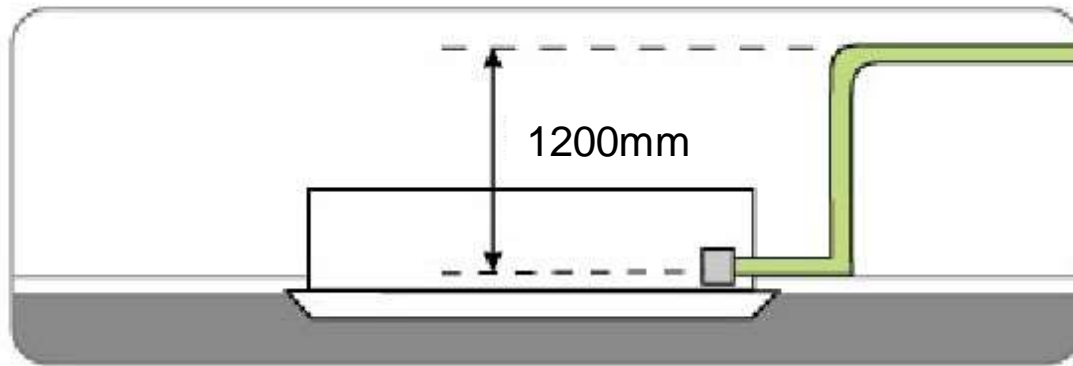
- Filter can be easily taken from the panel, convenient for installation. And filter is washable and durable, easy for use and clear.



# 1. Technical Introduction for 4-way Cassette

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## Built-in drain pump



- 18kBtu~60kBtu, standard type, pumping head is up to 1200mm.  
18kBtu, compact type, pumping head is up to 700mm.
- Condensing water can be drained completely, convenient for installation.

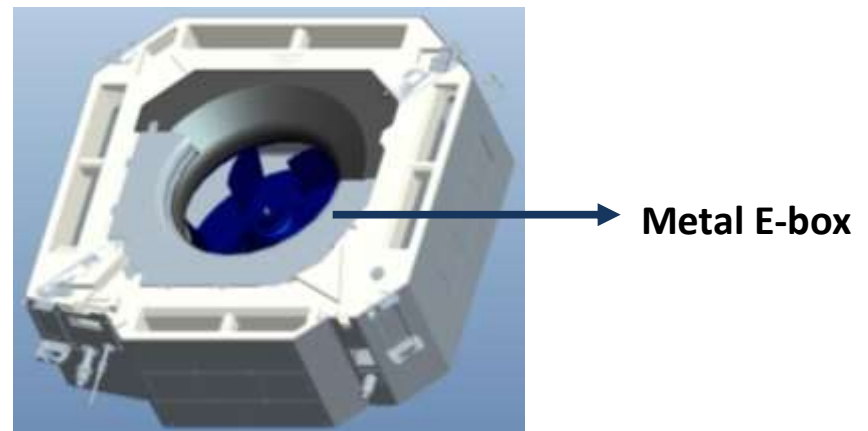
# 1. Technical Introduction for 4-way Cassette

- Fresh air makes air quality more healthy and more comfortable.
- Add 4 holes in body, can be connect with the duct to another room.



## Electronic box inside

- Integrated electric control box, The E-box is safely covered by metal plate, for better fire-resistance.



## 2. Technical Introduction for Floor & Ceiling

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### Flexible Installation



- The unit can be installed either horizontally on the ceiling or vertically against the wall.

## 2. Technical Introduction for Floor & Ceiling

### 3-dimension Air Flow

- Two way auto-swing function, built-in two louver motor, vertical and horizontal air-flow adjustment.



Adopting centrifugal fans, higher ESP and longer air flow distance.





## 2. Technical Introduction for Floor & Ceiling

Filter can be taken out easily for clear



### Functions

- Adopting waterproof plastic film on water collector, avoiding water leakage.
- Self-diagnostic and multi protection.
- Auto-restart function.
- The upper plastic wheel case can be removed Alone, which is convenient adjust the wheel motor .



## 2. Technical Introduction for Floor & Ceiling

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### LED display



### Functions

- More intuitive and simple, and the error code can be show in the display.
- Optional, Can be customized according to customer requirements.

# 3. Technical Introduction for Duct

Ultra-thin body design



Low ESP Type



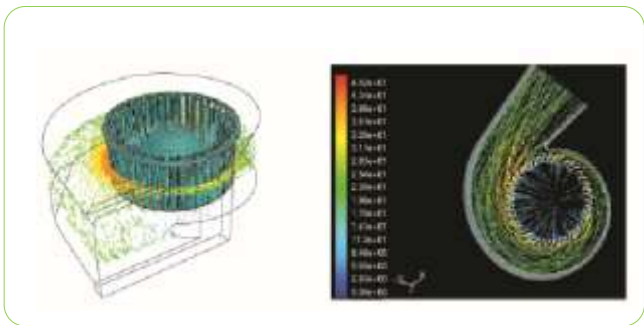
Medium ESP Type



High ESP Type

# 3. Technical Introduction for Duct

## Low ESP Type



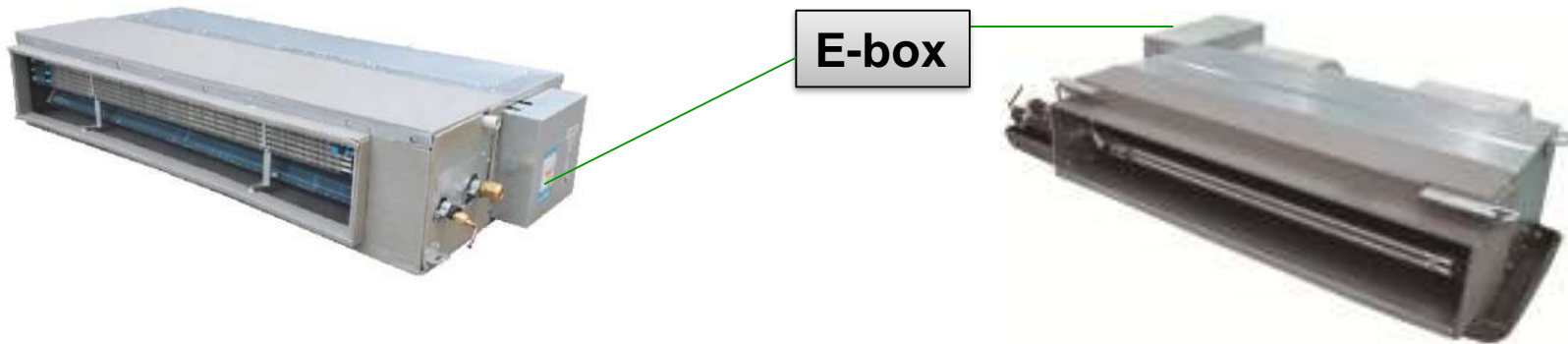
➤ CFD technology design, increasing air-volume and decreasing noise level, noise level only 29dB(A).

Three fan speed, meet different requirement.

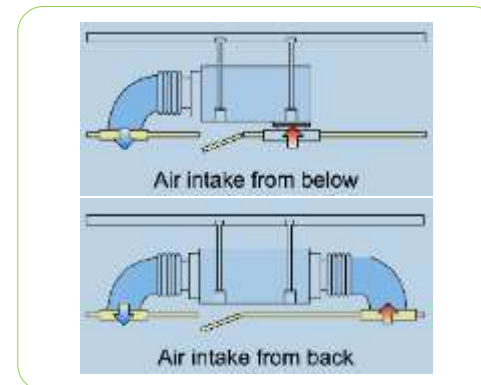


### 3. Technical Introduction for Duct

E-box is body-side design, convenient installation and maintenance.



Two air intake way: from below or back.



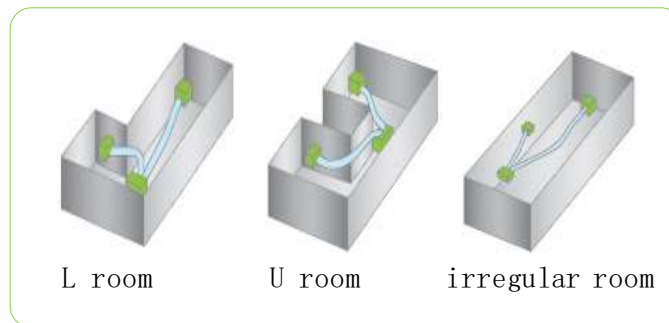
## 2. Technical Introduction for Duct

### Medium ESP Type

#### Filter (Option)



- Filter can be taken out easily for clear.
- Easy maintenance.
- Rated ESP is 50Pa. It's easy to connect a duct.

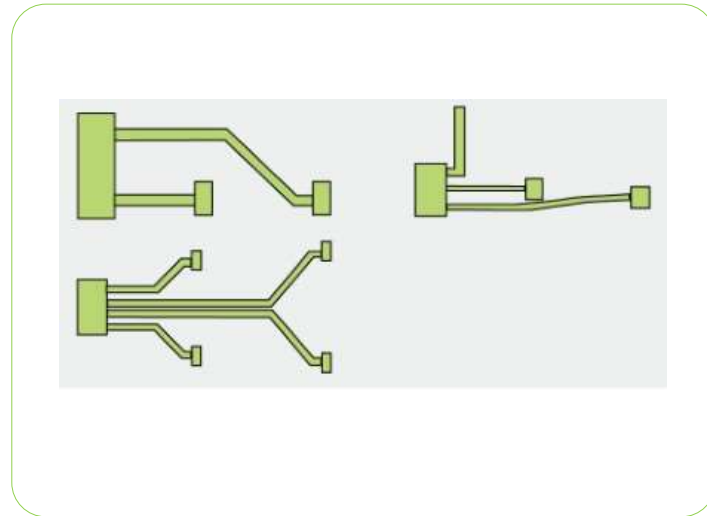
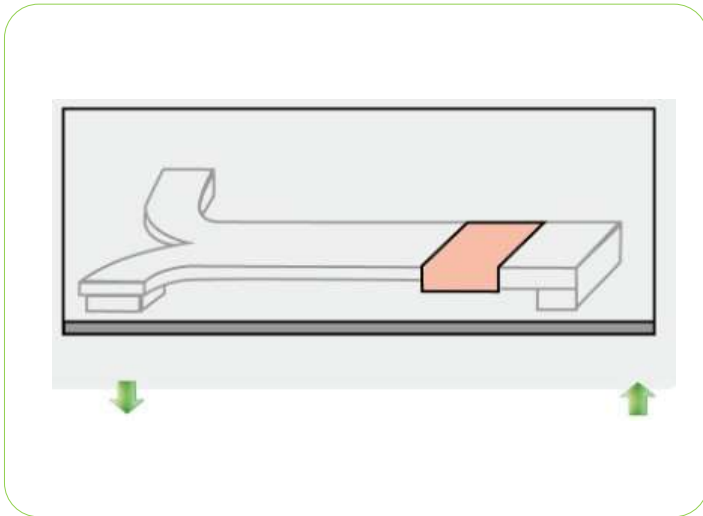


## 2. Technical Introduction for Duct

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### High ESP Type

- 120Pa ESP design for the High ESP Ductd Unit.
- Duct connect installational meet for different room structure.



# 4. Controller

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## Remote controller

- Wireless 8m transmission.
- Mode: Auto, Cooling, Dehumidification, Heating, Fan.
- Timer ON/OFF setting up to 24Hr.
- Temperature control range 16-32°C.
- Three fan speed selection.
- Sleep mode function



Standard

Standard for 4-way cassette and Floor & Ceiling, option for Duct



# 4. Controller

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## Wired controller

- LCD display.
- 5m wire length.
- Mode: Auto, Cool, Dehumidification, Heat, Fan.
- Timer ON/OFF setting up to 24Hr.
- Temperature control range 16-32°C.
- Three fan speed selection.



Standard for Duct type

Option for 4-way cassette and Ceiling & Floor