



### Haier Commercial Air Conditioning



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Haier reserves the right to make change without any notice.

2017 General Catalogue

T1 50Hz R22



Version 2.0

# T1

50Hz R22



## 2017 General Catalogue

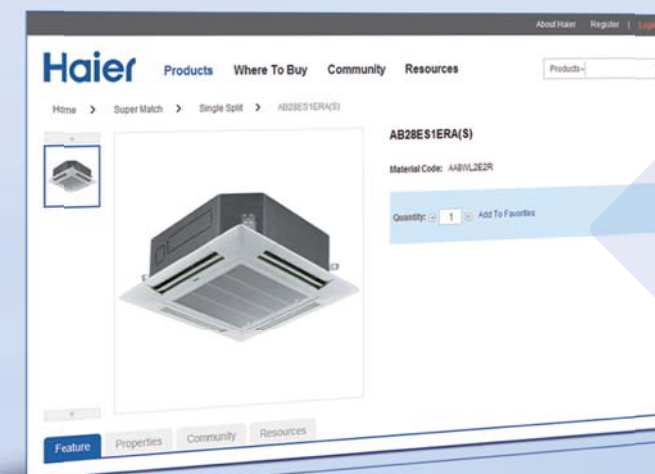
### Haier Commercial Air Conditioning

## Haier B2B Platform

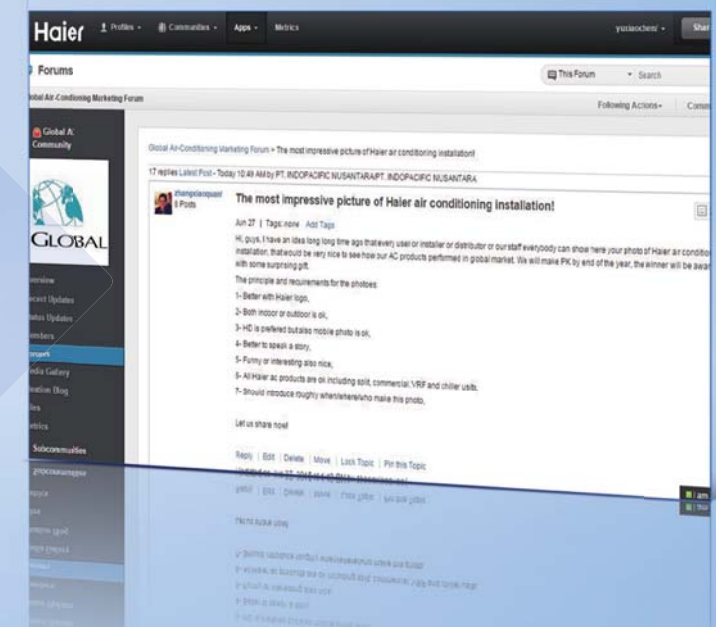
The Haier Air-conditioning dealer portal ([www.haierac.com](http://www.haierac.com)) is a platform to help Haier distributors, installer and professional personnels better understand and make business with Haier globally.



The portal becomes the official new product release channel, offering the latest materials of Haier A/C products with high resolution pictures, project reference to help our business partners understand how our solutions help the end users globally.



This platform offers an opportunity for our business partners to share projects, applications and other exciting stories with Haier.



This platform offers a community environment for our business partner to attain valuable resources, including catalogue, brochures, leaflet and other marketing documents. Moreover, the platform is a convenient place where all business partners can communicate with Haier directly.

<http://www.haierac.com>





## Haier Brand Story

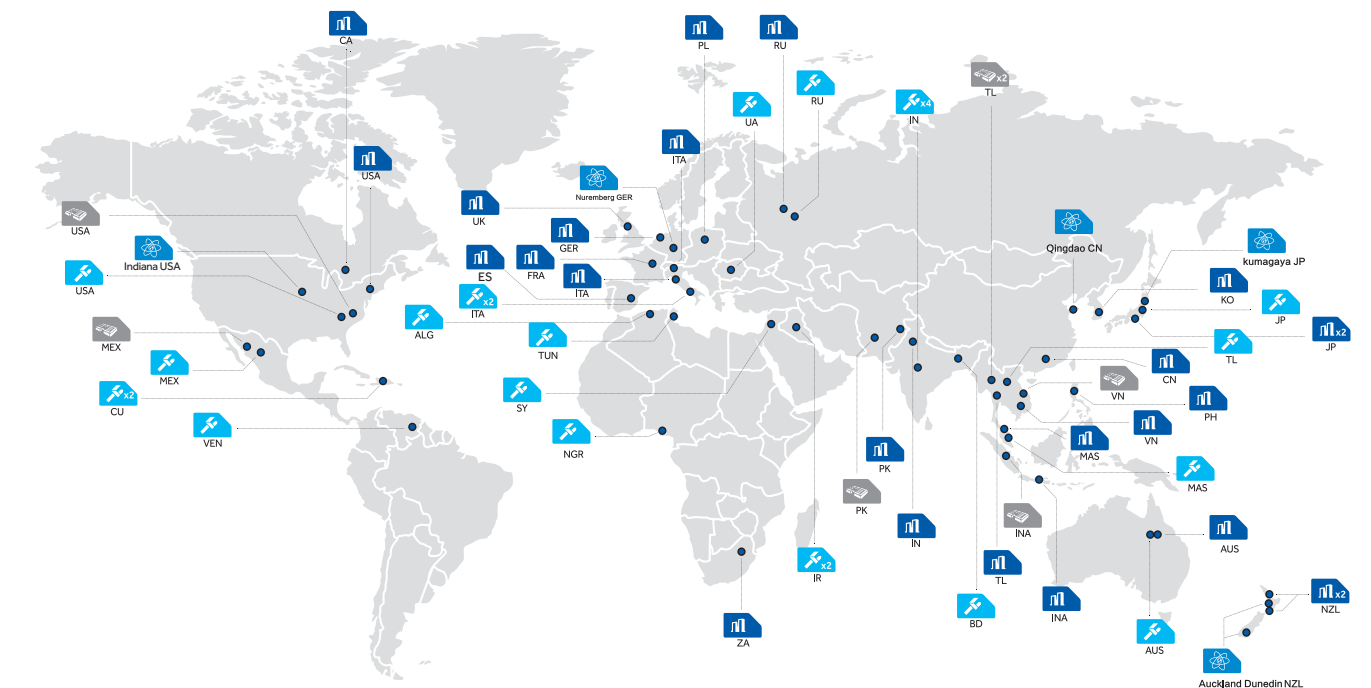
The Internet era is a diverse and unconventional time, where “one size fits all” products and solutions simply aren’t enough. Customers want to be treated as individuals and respected for who they are. Everyone wants their unique lifestyle acknowledged. That is why Haier listens closely to you in order to gain a genuine understanding of what is going on in your life and what is on your mind. So each of you can get the smart home experience you deserve: be it simple, sophisticated, organized or enjoyable.

As a worldwide industry leader, Haier innovates beyond products and solutions and turns the organization into a wholly connected platform. In doing so, internal and external resources are connected quickly and easily. We believe only by doing so, we can best meet our consumers’ expectations in this rapidly evolving world. Be part of the Haier Network. Create new possibilities.

## Haier Global Network

Haier Group

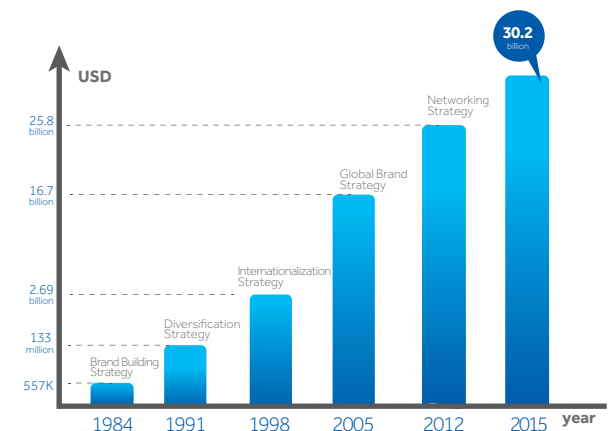
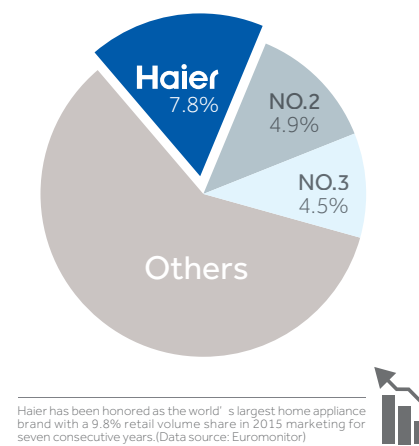
Haier has built up its infrastructures globally to meet the customers' quick evolving demands, including R&D centers, production facilities, trading companies and sales networks etc. Haier's five R&D centers around the world have forged strategic partnerships with first-class suppliers, research institutions, and prestigious universities to create an innovative ecosystem composed of internal and external scientists and engineers connected by virtual and physical networks.



Worldwide Network	Overseas	Global
Trading Company	24	66
R&D Center	4	5
Manufactory	24	24
Industry Park	7	21
Sales Network	37.683	143.330

## Haier Global Revenue

Established in 1984, Haier is the world's No. 1 major appliance brand. In the Internet age, Haier aims to become a Networked Enterprise and its global revenue reaching 30.2 billion USD in 2015.





# Haier AC Milestones





## Brief of R&D Center

Setting New Standards: Haier's new state of the art HVAC R&D Center commences operation in March, 2014



Driving across the world's longest bridge into the beautiful coastal city of Qingdao and taking the off-ramp to the massive Haier Industrial Park, you will find the world's most advanced HVAC R&D center and its adjacent height drop testing facility towering over other buildings in the park. The commencement of the R&D center puts Haier in the leadership position to provide the best HVAC product solutions suitable for different climates and environments around the globe.

Entering the lobby you will be awed by the installation and display of Haier's world leading magnetic bearing oil free centrifugal chiller that cools the building. Also in display are Haier's latest innovation of residential and commercial products and BMS control solutions.

The 6 story building houses 1,000 plus experienced engineers and technicians, and is equipped with 120 test labs. From psychrometric labs that accurately measure product capacity and efficiency to acoustic labs that reduces sound level; from environment simulators to sustainability test labs that ensure product reliability under the harshest ambient conditions, Haier engineers work hand in hand with international team of experts to turn out green and user friendly climate control solutions.

The height drop test tower, standing 106 meters tall, is the tallest test tower of its kind. It allows Haier's latest MRV products to test under all kinds of installation scenarios.

The stage is set, and Haier is ever more ready to provide global customers with world class products. The new R&D Center is the testament of Haier's commitment and vision in being the leading player in the global HVAC industry.

## Global Manufacturing Capacity

Domestically, Haier AC is running 9 factories, 1 of which is MHAQ, a JV between Haier and Mitsubishi Heavy. In overseas markets, Haier is running 7 manufacturing plants.

With all these factories, Haier AC has a product capacity amounts to 20.1 million sets per year.







# HIGH EFFICIENCY

## COOLING ONLY

 High Efficiency Series	03
 Cassette Type	05
 Convertible Type	11
 Cabinet Type	15





# HIGH EFFICIENCY SERIES

COOLING ONLY 

SERIES	Btu/h kW	12000	18000	24000	24000	30000		36000	36000	40000	40000	48000
		3.5	5.2	7.2	7.2	8.8		10.5	10.5	11.7	11.7	14.0
Power supply		1/220~240/50	1/220~240/50	1/220~240/50	3/380~415/50	1/220~240/50		1/220~240/50	3/380~415/50	1/220~240/50	3/380~415/50	3/380~415/50
Outdoor units												
4-way Cassette Type												
			HBU-18CS03	HBU-24CS03								HBU-48CS03
Convertible Type												
		HCFU-12CS03	HCFU-18CS03	HCFU-25CS03		HCFU-30CS03		HCFU-36CS03	HCFU-36CT03	HCFU-40CS03	HCFU-40CT03	
Cabinet Type												
					HPU-24CP03							HPU-48CN03

\*The outdoor unit is not universal outdoor unit, the showed outdoor unit picture is for reference only;



# CASSETTE TYPE

## High Efficiency

### High COP compressor

Haier R22 high efficiency series units use compressors from famous brands. Most of the compressors are with COP above 3, some COP even get **3.19**



### Venturi tube refrigerant distributor

Venturi tube high tech refrigerant distributor improves energy efficiency.

## Comfort

### Fast cooling

In cooling model the fan of unit operated in high speed, which makes indoor temperature rising. When indoor reaches a certain temperature, the fan start normal operation.

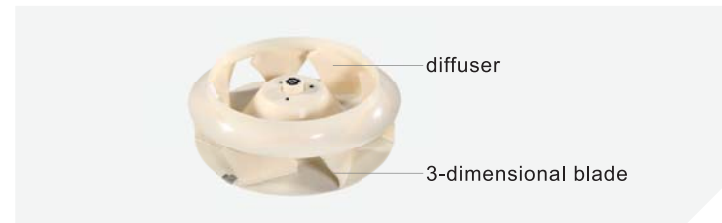


### Quiet operation

Pre-set fresh air outlet, can introduce the outside fresh air into the room, greatly improve the indoor air quality (optional).

Airflow pass through the outlet smoothly and fluently owing to the streamline air outlet, bring you a much more quiet space.

The fan blade adopts the design of irregular helix; the indoor unit can run at the lowest sound level.



## Comfort

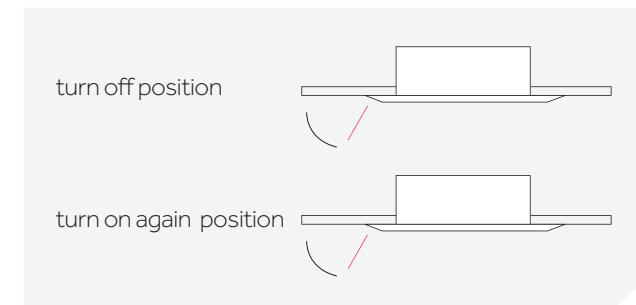
### Fresh air inlet

Pre-set fresh air inlet can introduce the outside fresh air into the room, which can greatly improve the indoor air quality & keep people away from "air conditioner symptom".



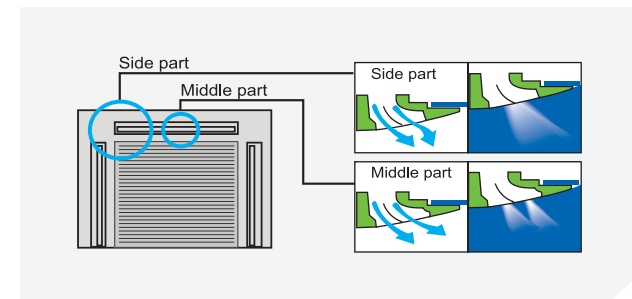
### Convenience swing control

Memory function in swing direction make the flap come to the desired direction when the cassette unit is turned on.



### Autifouling and movable blade

The movable blade has antifouling design and can effectively control the airflow and air direction. It is clean to use without polluting the ceiling. It has standard long acting filter screen to make the cleaning time largely extended. When there are many units, the operation of cleaning and maintenance will be largely reduced.



## Easy Installation & Maintenance

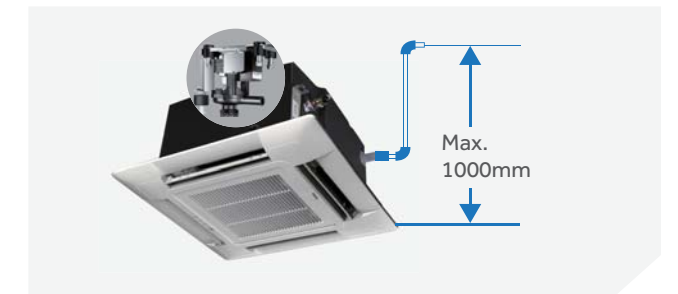
### Branch outlet

It is possible to use 1 or 2 branches for better air distribution(optional).



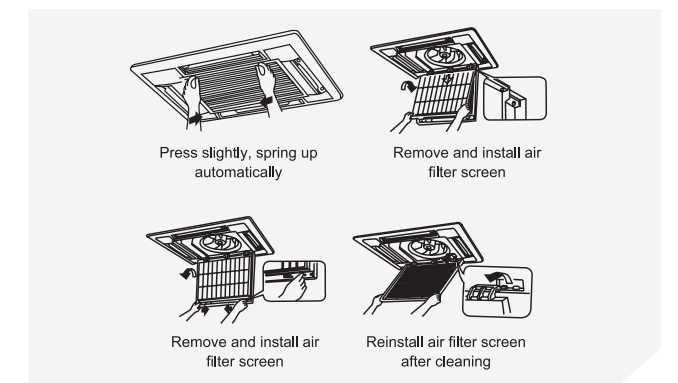
### Built-in high head drain pump

A standard drain-head height up to 1000mm is possible. Creat the ideal solution for perfect water drainage.



### Easy cleaningand installation

The suction grille can be rotated by 90 degree and its installation direction can be selected randomly.

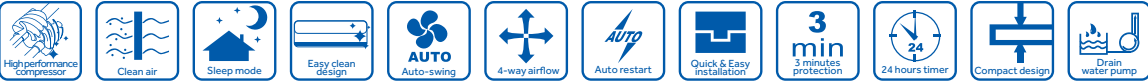




CASSETTE TYPE



STANDARD FUNCTION



OPTIONAL FUNCTION



Energy saving and high efficiency

The unit adopt high COP compressor and venturi tube refrigerant distributor.

Particular panel design

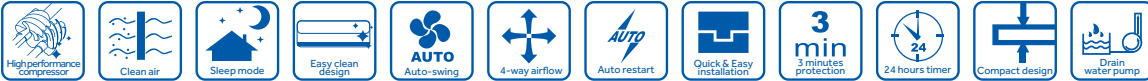
From 18 to 50 model, the same appearance panel, harmony with the environment and with consistance appearance.

Model			HBU-18CS03
Capacity	Cooling	Btu/h	17800
		kW	5.2
	Rated power input	kW	1.6/-
		Ph/V/Hz	1/220-240/50
Air flow	Air volume (H)	W/W	3.19/-
		m³/h	900
Noise level	Indoor (H/M/L)	dB(A)	44/41/38
	Outdoor	dB(A)	55
Net dimensions	Indoor(W/D/H)	mm	570/570/260
	Panel(W/D/H)	mm	700/700/60
	Outdoor(W/D/H)	mm	780/245/680
Shipping dimensions	Indoor(W/D/H)	mm	718/680/380
	Panel(W/D/H)	mm	740/740/115
	Outdoor(W/D/H)	mm	945/406/745
Net weight Gross weight	Indoor	kg	18/22
	Panel	kg	2.8/4.5
	Outdoor	kg	48/52
Piping connection	Gas	mm	15.88
	Liquid	mm	9.52
	Max pipe length	m	20
	Max drop	m	10
	Controller model		YR-H005

CASSETTE TYPE



STANDARD FUNCTION



OPTIONAL FUNCTION



Energy saving and high efficiency

The unit adopt high COP compressor and venturi tube refrigerant distributor.

Auto-swing

The heating or cooling wind can blown to the floor, the high can reach 3m. For cooling operation auto deflection control provides comfortable cool air up and down to every corner of the room.

Model			HBU-24CS03
Capacity	Cooling	Btu/h	24570
		kW	7.2
	Rated power input	kW	2.32/-
		Ph/V/Hz	1/220-240/50
Air flow	Air volume (H)	W/W	3.1/-
		m³/h	1300
Noise level	Indoor (H/M/L)	dB(A)	46/42/38
	Outdoor	dB(A)	56
Net dimensions	Indoor(W/D/H)	mm	840/840/240
	Panel(W/D/H)	mm	950/950/60
	Outdoor(W/D/H)	mm	948/340/840
Shipping dimensions	Indoor(W/D/H)	mm	930/930/330
	Panel(W/D/H)	mm	995/992/110
	Outdoor(W/D/H)	mm	1095/410/945
Net weight Gross weight	Indoor	kg	25/32
	Panel	kg	5.3/7.7
	Outdoor	kg	71/77
Piping connection	Gas	mm	15.88
	Liquid	mm	9.52
	Max pipe length	m	30
	Max drop	m	15
	Controller model		YR-H005

# CASSETTE TYPE

❄️ HBU-48CS03



### STANDARD FUNCTION



### OPTIONAL FUNCTION



### Energy saving and high efficiency

The unit adopt high COP compressor and venturi tube refrigerant distributo.

### High efficient filter

The unit adopt high efficient folded filter design, in the full filter the air dust, smoke and tiny particles at the same time, extend the filter cleaning cycle, greatly reduce the cleaning maintenance work, make you fell comfortable enjoy clean fresh air.

Model			HBU-48CS03
Capacity	Cooling	Btu/h	48000
		kW	14
	Rated power input	kW	4.5/-
	Power supply	Ph/V/Hz	3/380-415/50
	EER	W/W	3.11/-
Air flow	Air volume (H)	m³/h	1800
Noise level	Indoor (H/M/L)	dB(A)	50/46/41
	Outdoor	dB(A)	58
Net dimensions	Indoor(W/D/H)	mm	840/840/295
	Panel(W/D/H)	mm	950/950/60
	Outdoor(W/D/H)	mm	960/340/1250
Shipping dimensions	Indoor(W/D/H)	mm	930/930/390
	Panel(W/D/H)	mm	995/992/110
	Outdoor(W/D/H)	mm	1095/410/1400
Net weight Gross weight	Indoor	kg	31/37
	Panel	kg	5.3/7.7
	Outdoor	kg	102/114
Piping connection	Gas	mm	19.05
	Liquid	mm	9.52
	Max pipe length	m	50
	Max drop	m	30
	Controller model		YR-H005



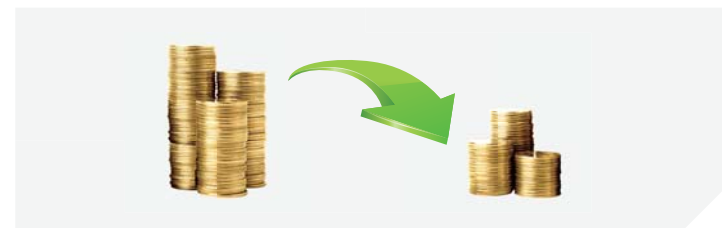


# CONVERTIBLE TYPE

## Energy Saving

### High efficiency

New products adopt high EER compressor, the series EER above **3.20**



## Design Flexibility

### Installation friendly

The indoor unit can be installed on the floor or on the ceiling, it is determined by your actual need. It greatly decreases the space needed and also it can provide the same level of comfort, at the same time make service and installation more convenient and flexible.



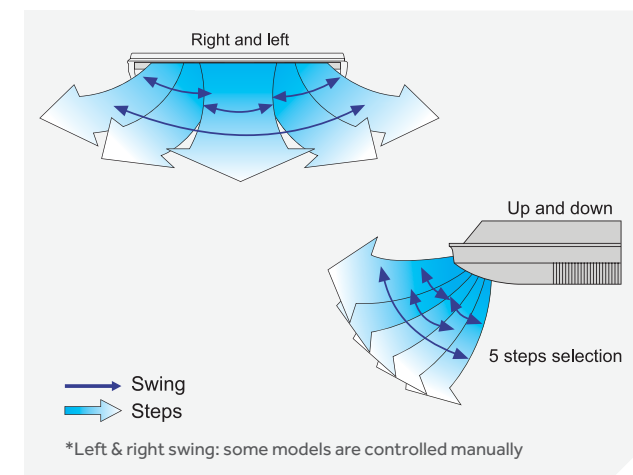
## Comfort

### 3D airflow \*

In order to realize the comfortable space with uniform temperature, the air conditioner uses two stepping motors to adjust the airflow automatically, send the air to every corner of the room.

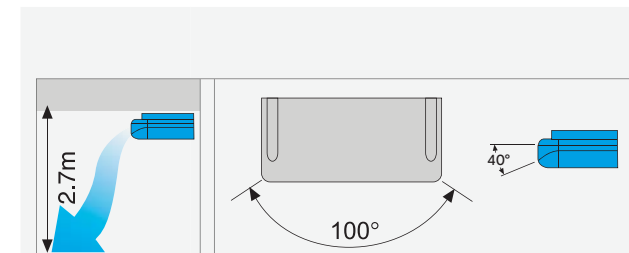
When heating, it will supply large quantity of warm air in order to quickly and effectively warm up the floor, and it will send the airflow from top to bottom until the cool air reach every corner of the room at the cooling mode.

The airflow direction can be controlled in 5 stepping motors from up & down, from left & right. More selectable, more flexible.



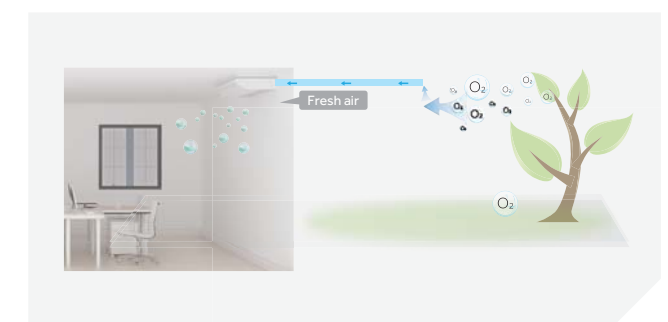
### Wide angle air supplying

100° wide angle louvers and 70° wide angle blades design to make a precise control of the airflow, it distributes the comfort air equally to every corner of the room.



### Fresh-air intake (25K/30K/36K/40K)

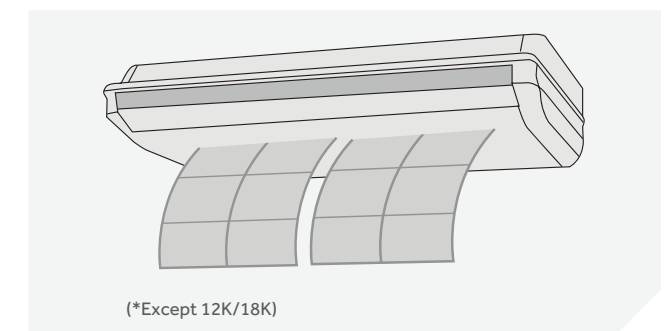
There are fresh air intake holes in the unit, which can make the air more comfortable.



## Easy Maintenance

### Taken-out air purify filter

The filter can be easily take out, you need not take down the unit or open the air inlet grill, and realize convenient cleaning work.



CONVERTIBLE TYPE



STANDARD FUNCTION



OPTIONAL FUNCTION



Taken-out air purify filter

The filter can be easily take out, you need not take down the unit or open the air inlet grill, and realize convenient cleaning work.

Model			HCFU-12CS03	HCFU-18CS03	HCFU-25CS03
Capacity	Cooling	Btu/h	12000	18000	25000
		kW	3.5	5.2	7.3
	Rated power input	kW	1.03	1.55	2.15
	Power supply	Ph/V/Hz	1/220~240/50	1/220~240/50	1/220~240/50
	EER	W/W	3.40	3.40	3.40
Air flow	Air volume (H)	m³/h	780	850	1400
Noise level	Indoor (H/M/L)	dB(A)	43/39/34	44/40/35	46/44/42
	Outdoor	dB(A)	54	56	58
Net dimensions	Indoor(W/D/H)	mm	990/665/199	990/665/199	1298/700/244
	Outdoor(W/D/H)	mm	780/291/550	810/352/682	948/413/840
Shipping dimensions	Indoor(W/D/H)	mm	1150/750/300	1150/750/300	1439/775/335
	Outdoor(W/D/H)	mm	930/340/614	949/406/745	1090/440/940
Net weight	Indoor	kg	26/33	28/35	40/48
	Outdoor	kg	34/39	46.5/51.5	70/78
Piping connection	Gas	mm	12.7	15.88	15.88
	Liquid	mm	6.35	9.52	9.52
	Max pipe length	m	20	20	30
	Max drop	m	5	5	10
	Controller model		YR-E20	YR-E20	YR-E20

CONVERTIBLE TYPE



STANDARD FUNCTION



OPTIONAL FUNCTION



Large angle air supplying

100° wide angle louvers and 40° wide angle blades design to make a precise control of the airflow, it distributes the comfort air equally to every corner of the room.

Model			HCFU-30CS03	HCFU-36CS03	HCFU-36CT03	HCFU-40CS03	HCFU-40CT03
Capacity	Cooling	Btu/h	30000	36000	36000	40000	40000
		kW	8.8	10.5	10.5	11.7	11.7
	Rated power input	kW	2.73	3.28	3.28	3.64	3.64
	Power supply	Ph/V/Hz	1/220~240/50	1/220~240/50	3/380~415/50	1/220~240/50	3/380~415/50
	EER	W/W	3.22	3.20	3.20	3.21	3.21
Air flow	Air volume (H)	m³/h	1750	1850	1850	1850	1850
Noise level	Indoor (H/M/L)	dB(A)	46/42/36	49/44/40	49/44/40	50/46/43	50/46/43
	Outdoor	dB(A)	61	61	61	61	61
Net dimensions	Indoor(W/D/H)	mm	1590/700/244	1590/700/244	1590/700/244	1590/700/244	1590/700/244
	Outdoor(W/D/H)	mm	1008/480/830	1008/480/830	1008/480/830	948/413/1250	948/413/1250
Shipping dimensions	Indoor(W/D/H)	mm	1725/805/329	1725/805/329	1725/805/329	1725/805/329	1725/805/329
	Outdoor(W/D/H)	mm	1130/490/930	1130/490/930	1130/490/930	1080/440/1375	1080/440/1375
Net weight	Indoor	kg	47/57	47/57	47/57	47/57	47/57
	Outdoor	kg	89/98	87/96	87/96	104/112	102/110
Piping connection	Gas	mm	19.05	19.05	19.05	19.05	19.05
	Liquid	mm	9.52	9.52	9.52	9.52	9.52
	Max pipe length	m	30	50	50	50	50
	Max drop	m	10	20	20	20	20
	Controller model		YR-E20	YR-E20	YR-E20	YR-E20	YR-E20



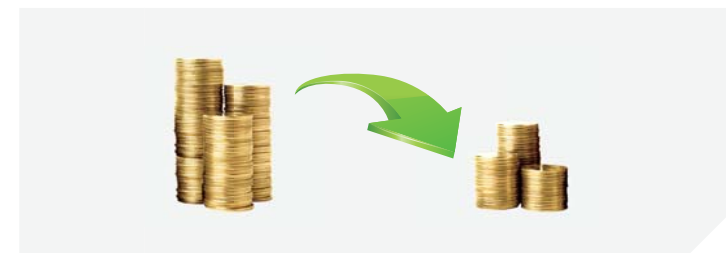


# CABINET TYPE

## High Efficiency, Energy Saving

### High COP compressor

High Efficiency: EER up to **3.19**



### Venturi tube refrigerant distributor

Venturi tube high tech refrigerant distributor improves energy efficiency.

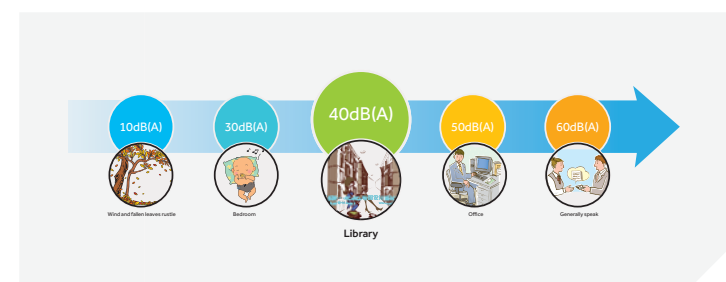
## Comfort

### Touch screen handle easily (48K)



### Quiet operation(48K)

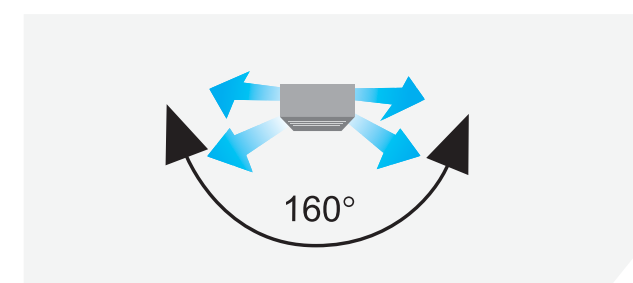
The unit noise is only 42dB, which is lower 2dB than normal cabinet type.



## Comfort

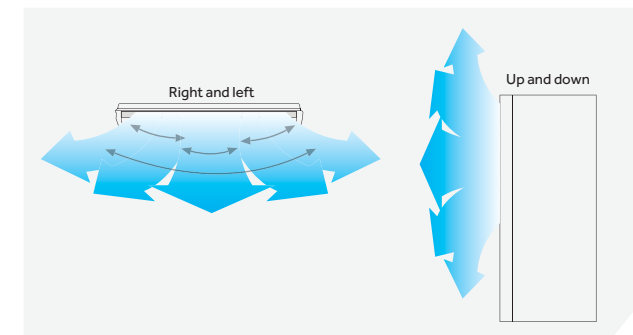
### Wide angle 160° air sending

Rounding 3-dimensional, 160 wide angle air sending, reach every corner of the room.



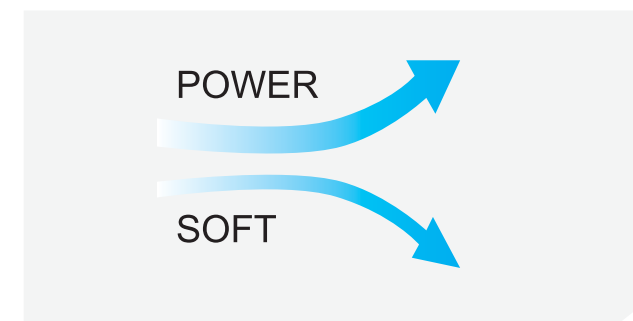
### 3D airflow

The cabinet type adopts two stepping motors to combines vertical and horizontal auto-swing to circulate cool/warm air to the every corner of the room.



### Power/Soft

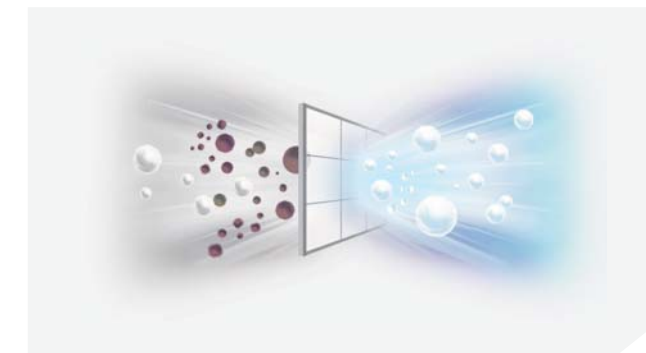
Special button on remote controller is used to set powerful working or soft working.



## Health

### High efficiency air purify filter

High efficiency air purify filter effectively prevents the smaller dust articles, insects and other materials.



## Reliability

### Reliable protection

The system has many protect functions to achieve reliable running:High-pressure protection;Low-pressure protection;Phase protection;Over-current protection.



### Child lock

After you set this function, the working statues can not be changed either by the remote controller or the touch screen, unless this setting is canceled.



CABINET TYPE



STANDARD FUNCTION



OPTIONAL FUNCTION



Double system exchange function

The precision air conditioning system is equipped with double system exchange function. with this function, two systems can work in turn.

Precision air conditioning system

The unit is the precision air conditioning system specializing in data centres and mobile phone network exchanges, their cost-efficient, cotinuous operation reliably ensures the high availability of computer systems.

Model			HPU-24CP03
Capacity	Cooling	Btu/h	24500
		kW	7.2
	Rated power input	kW	2.255/-
	Power supply	Ph/V/Hz	3/380~415/50
Air flow	EER	W/W	3.19/-
	Air volume (H)	m³/h	1300
Noise level	Indoor	dB(A)	54
	Outdoor	dB(A)	56
Net dimensions	Indoor(W/D/H)	mm	530/340/1820
	Outdoor(W/D/H)	mm	948/340/840
Shipping dimensions	Indoor(W/D/H)	mm	620/420/1920
	Outdoor(W/D/H)	mm	1095/410/945
Net weight	Indoor	kg	46/56
	Outdoor	kg	70/78.7
Piping connection	Gas	mm	15.88
	Liquid	mm	9.52
	Max pipe length	m	20
	Max drop	m	10
	Controller model		YR-H71

CABINET TYPE



STANDARD FUNCTION



OPTIONAL FUNCTION



Quiet operation

The unit noise is only 42dB, which is lower 2dB than normal cabinet type.

Easy to installation

Four direction pipeline design: left, under, the right, on the back of the unit design for convenience to installation.  
Touch screen handle easily.

Model			HPU-48CN03
Capacity	Cooling	Btu/h	48100
		kW	14.1
	Rated power input	kW	4.42/-
	Power supply	Ph/V/Hz	3/380~415/50
Air flow	EER	W/W	3.19/-
	Air volume (H)	m³/h	1750
Noise level	Indoor	dB(A)	49
	Outdoor	dB(A)	59
Net dimensions	Indoor(W/D/H)	mm	530/380/1820
	Outdoor(W/D/H)	mm	960/340/1250
Shipping dimensions	Indoor(W/D/H)	mm	625/465/1965
	Outdoor(W/D/H)	mm	1095/410/1400
Net weight	Indoor	kg	53/62
	Outdoor	kg	95/105
Piping connection	Gas	mm	19.05
	Liquid	mm	9.52
	Max pipe length	m	50
	Max drop	m	30
	Controller model		YR-H005





# STANDARD SERIES

## COOLING ONLY

 Models Line-up	21
 Cassette Type	23
 Convertible Type	31
 Duct Type	35
 Cabinet Type	43



# MODELS LINE-UP

COOLING ONLY 

SERIES	Btu/h kW	9000 2.6	12000 3.6	18000 5.2	24000 7.1		36000 10.5	48000 14.0	60000 16.0	96000 25.0
Power Supply		1/220~240/50	1/220~240/50	1/220~240/50	1/220~240/50		1/220~240/50	3/380~415/50	3/380~415/50	3/380~415/50
Outdoor Units								 		
4-way Cassette Type				HBU-18CA03T3 	HBU-24CA03T3 		HBU-36CA03T3 	HBU-48CH03  	HBU-60CA03T3 	
Convertible Type								HCFU-48CH03 		
Slim ESP Duct Type		HDU-09CS03 	HDU-12CS03 	HDU-18CS03 	HDU-24CS03 					
Low ESP Duct Type				HDU-18CA03T3 	HDU-24CA03T3 					
Medium/High Static Pressure							HDU-36CA03T3/H 	HDU-48CJ03/H  	HDU-60CA03T3/H 	HDU-96CT03/H 
Cabinet Type							HPU-36CA03T3 	HPU-48CJ03  	HPU-60CA03T3 	HPU-96CT03 

\*The outdoor unit is not universal outdoor unit, the showed outdoor unit picture is for reference only;



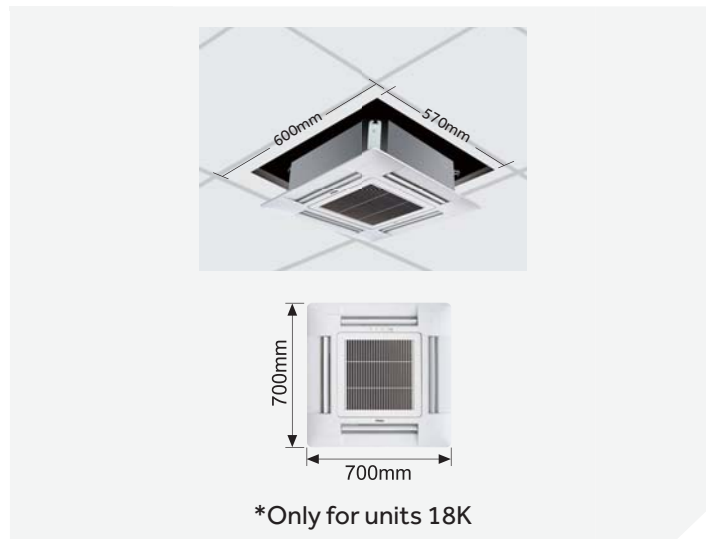
# CASSETTE TYPE

## Compact Size

### New panel design

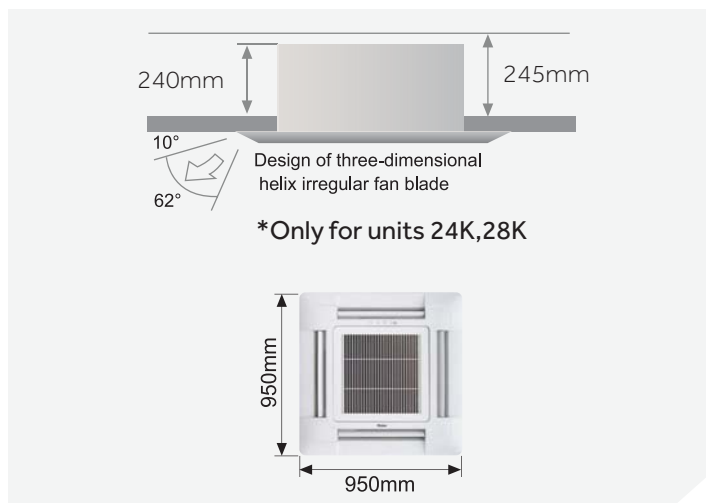
The panel dimension is 700mm x 700mm, smaller and universal harmony with the environment.

The unit dimension is 570mm x 570mm x 260mm for easy installation. It is universal and harmonious with standard ceiling 600mm x 600mm, which avoids the breakage for ceiling during installation.



## Compact design

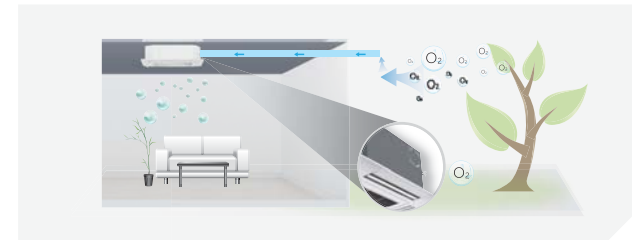
Adopt compact design, the thickness of the main body is only 240 mm. Even if the inner space of ceiling is narrow, the unit can also be installed easily.



## Health

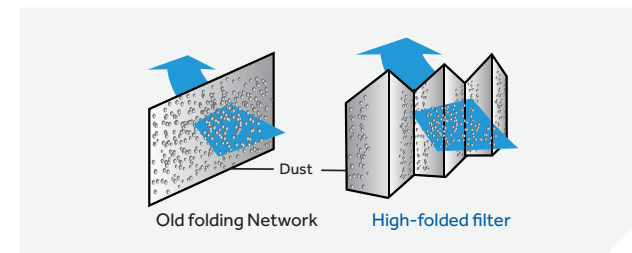
### Fresh air inlet

Pre-set fresh air inlet can introduce the outside fresh air into the room, which can greatly improve the indoor air quality & keep people away from "air conditioner symptom".



### High efficient filter

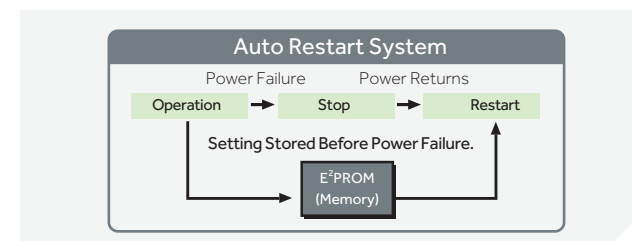
The unit adopt high efficient folded filter design, in the full filter the air dust, smoke and tiny particles at the same time, extend the filter cleaning cycle, greatly reduce the cleaning maintenance work, make you feel comfortable enjoy clean fresh air.



## Easy Installation & Maintenance

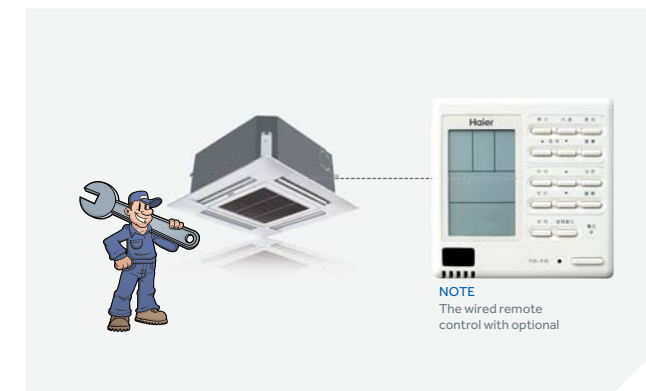
### Auto restart function

This function permits automatic return to previous operation conditions after sudden power blackout. You can now sleep peacefully all through the night without having to get up and turn your air conditioner back on.



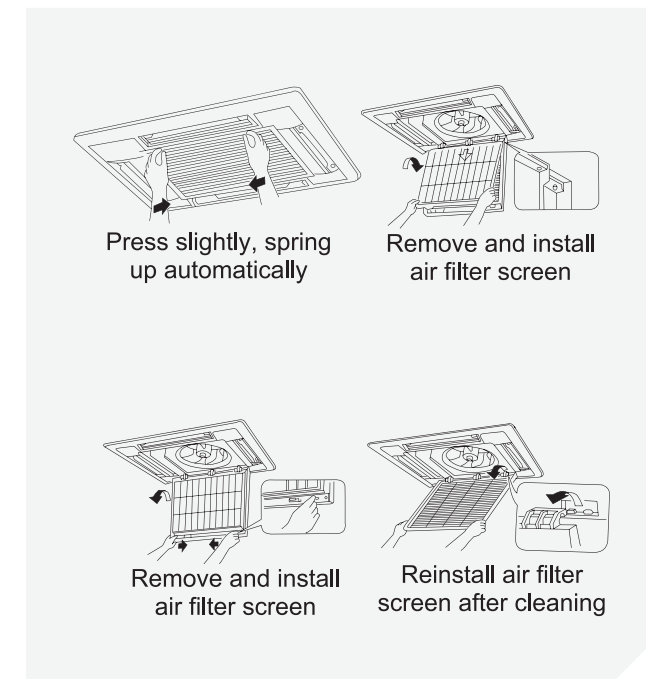
### Self-diagnosis function

If there is a failure of indoor and outdoor units in operating, the control system can self check to air conditioner, inspection result into the corresponding fault code showed in the control panel, and then through the manual fault code can easily find the cause of the problem, and eliminate it.



### Easy cleaning and installation

The suction grille can be rotated by 90 degree and its installation direction can be selected randomly.

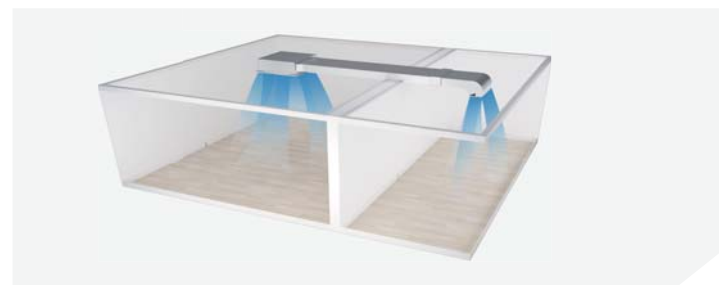


# CASSETTE TYPE

## Easy Installation & Maintenance

### Branch outlet

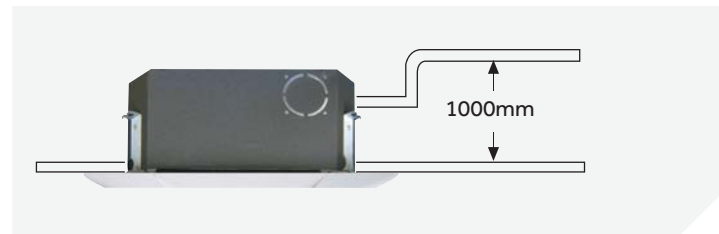
It is possible to use 1 or 2 branches for better air distribution (optional).



### Built-in high head drain pump

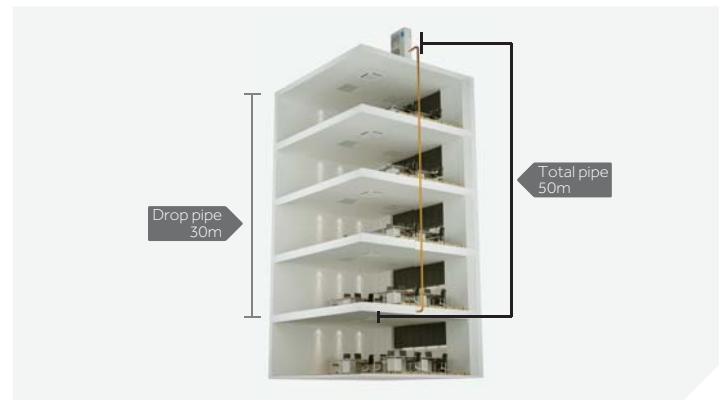
Built-in drain pump drains water automatically.

A standard drain-head height of up to 1000mm is possible. Create the ideal solution for perfect water drainage.



### Flexible installation(The unit Btu/h>24000)

Long piping length (50m) & Large drop(30m), more flexible installation and design.



## Comfort

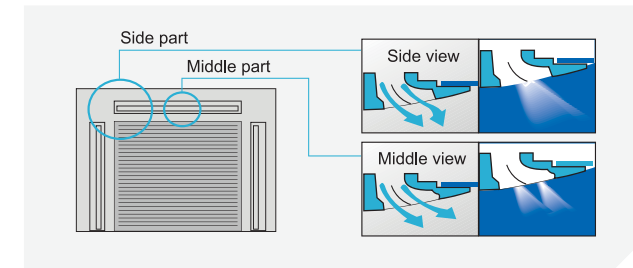
### Fast cooling

In cooling model the fan of unit operated in high speed, which makes indoor temperature rising. When indoor reaches a certain temperature, the fan start normal operation.



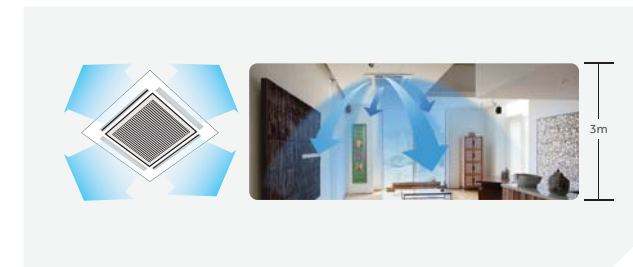
### Antifouling and movable baffle

The movable baffle has antifouling design and can effectively control the airflow and air direction. It is clean to use without polluting the ceiling. It has standard long acting filter screen to make the cleaning time largely extended. When there are many units, the operation of cleaning and maintenance will be largely reduced.



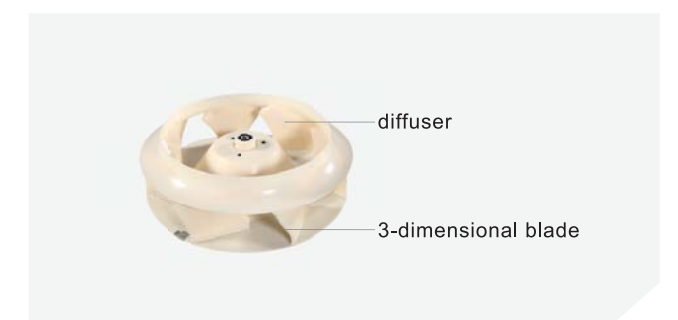
### Auto-swing

The heating or cooling wind can blown to the floor, the high can reach 3m. For cooling operation auto deflection control provides comfortable cool air up and down to every corner of the room.



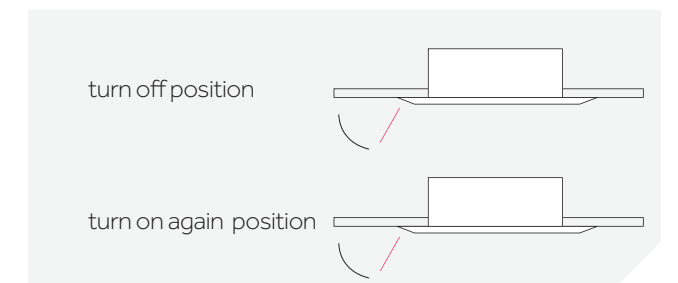
### Quiet operation

The fan blade adopts the design of irregular helix, the indoor unit can run at the lowest sound level.



### Convenience swing control

Memory function in swing direction make the flap come to the desired direction when the cassette unit is turned on.





CASSETTE TYPE



STANDARD FUNCTION



OPTIONAL FUNCTION



Fresh air inlet hole

Pre-set fresh air outlet, can introduce the outside fresh air into the room, greatly improve the indoor air quality.

Auto-swing

The heating or cooling wind can blown to the floor, the high can reach 3m. for cooling operation auto deflection control provides comfortable cool air up and down to every corner of the room.

Model			HBU-18CA03T3
Capacity	Cooling	Btu/h	17800
		kW	5.2
	Rated power input	kW	1.73/-
	Power supply	Ph/V/Hz	1/220~240/50
Air flow	Air volume (H)	m³/h	700
			700
Noise level	Indoor (H/M/L)	dB(A)	42/38/34
	Outdoor	dB(A)	53
Net dimensions	Indoor(W/D/H)	mm	570/570/260
	Panel(W/D/H)	mm	700/700/60
	Outdoor(W/D/H)	mm	780/245/680
Shipping dimensions	Indoor(W/D/H)	mm	718/680/380
	Panel(W/D/H)	mm	740/740/115
	Outdoor(W/D/H)	mm	949/406/745
Net weight Gross weight	Indoor	kg	18/22
	Panel	kg	2.8/4.5
	Outdoor	kg	48/52
Piping connection	Gas	mm	12.7
	Liquid	mm	9.52
	Max pipe length	m	15
	Max drop	m	5
	Controller model		YR-H005

CASSETTE TYPE



STANDARD FUNCTION



OPTIONAL FUNCTION



Branch outlet

It is possible to use 1 or 2 branches for better air distribution (optinal).

Compact design

Adopts compact design, the thickness of the main body is only 24cm. even if the inner space of ceiling is narrow, the unit can also be installed easily.

Model			HBU-24CA03T3
Capacity	Cooling	Btu/h	24000
		kW	7
	Rated power input	kW	2.4/-
	Power supply	Ph/V/Hz	1/220~240/50
Air flow	Air volume (H)	m³/h	1300
			1300
Noise level	Indoor (H/M/L)	dB(A)	46/43/39
	Outdoor	dB(A)	54
Net dimensions	Indoor(W/D/H)	mm	840/840/240
	Panel(W/D/H)	mm	950/950/60
	Outdoor(W/D/H)	mm	860/308/730
Shipping dimensions	Indoor(W/D/H)	mm	930/930/330
	Panel(W/D/H)	mm	992/992/115
	Outdoor(W/D/H)	mm	995/420/815
Net weight Gross weight	Indoor	kg	25/32
	Panel	kg	5.3/7.7
	Outdoor	kg	60/65
Piping connection	Gas	mm	15.88
	Liquid	mm	9.52
	Max pipe length	m	20
	Max drop	m	10
	Controller model		YR-H005

CASSETTE TYPE



STANDARD FUNCTION



OPTIONAL FUNCTION



Auto-swing

The heating or cooling wind can blown to the floor, the high can reach 3m. for cooling operation auto deflection control provides comfortable cool air up and down to every corner of the room.

Quiet operation

Airflow pass through the outlet smoothly and fluently owing to the streamline air outlet, bring you a much more quiet space. the fan blade adopts the design of irregular helix; the indoor unit can run at the lowest sound level.

Model			HBU-36CA03T3	HBU-48CH03
Capacity	Cooling	Btu/h	36000	48000
		kW	10.5	14
	Rated power input	kW	3.3/-	4.92/-
	Power supply	Ph/V/Hz	1/220-240/50	3/380-415/50
Air flow	Air volume (H)	m³/h	1800	1800
Noise level	Indoor (H/M/L)	dB(A)	50/46/42	50/46/42
	Outdoor	dB(A)	58	59
Net dimensions	Indoor(W/D/H)	mm	840/840/290	840/840/290
	Panel(W/D/H)	mm	950/950/60	950/950/60
	Outdoor(W/D/H)	mm	1008/410/830	1008/410/830
Shipping dimensions	Indoor(W/D/H)	mm	930/930/390	930/930/390
	Panel(W/D/H)	mm	992/992/115	992/992/115
	Outdoor(W/D/H)	mm	1130/490/930	1130/490/930
Net weight Gross weight	Indoor	kg	31/37	31/37
	Panel	kg	5.3/7.7	5.3/7.7
	Outdoor	kg	82/91	88/96
Piping connection	Gas	mm	19.05	19.05
	Liquid	mm	9.52	9.52
	Max pipe length	m	30	50
	Max drop	m	15	30
	Controller model		YR-H005	YR-H005

CASSETTE TYPE



STANDARD FUNCTION



OPTIONAL FUNCTION



Auto-swing

The heating or cooling wind can blown to the floor, the high can reach 3m. for cooling operation auto deflection control provides comfortable cool air up and down to every corner of the room.

Long distance, high elevation

Long piping length (50m) & Large drop (30m), more flexible installation and design.

Model			HBU-48CF03	HBU-60CA03T3
Capacity	Cooling	Btu/h	48000	55000
		kW	14	16.1
	Rated power input	kW	4.8/-	5.22/-
	Power supply	Ph/V/Hz	3/380-415/50	3/380-415/50
Air flow	Air volume (H)	m³/h	1800	1980
Noise level	Indoor (H/M/L)	dB(A)	51/48/44	50/46/42
	Outdoor	dB(A)	61	60
Net dimensions	Indoor(W/D/H)	mm	840/840/290	1230/840/280
	Panel(W/D/H)	mm	950/950/60	1340/850/80
	Outdoor(W/D/H)	mm	960/340/1250	960/340/1250
Shipping dimensions	Indoor(W/D/H)	mm	930/930/390	1325/920/370
	Panel(W/D/H)	mm	992/992/115	1400/995/115
	Outdoor(W/D/H)	mm	1095/410/1400	1095/410/1400
Net weight Gross weight	Indoor	kg	31/37	39/45
	Panel	kg	5.3/7.7	8.4/12.5
	Outdoor	kg	103/112	106/115
Piping connection	Gas	mm	19.05	19.05
	Liquid	mm	9.52	12.7
	Max pipe length	m	50	50
	Max drop	m	30	30
	Controller model		YR-H005	YR-H005



# CONVERTIBLE TYPE

## Design Flexibility

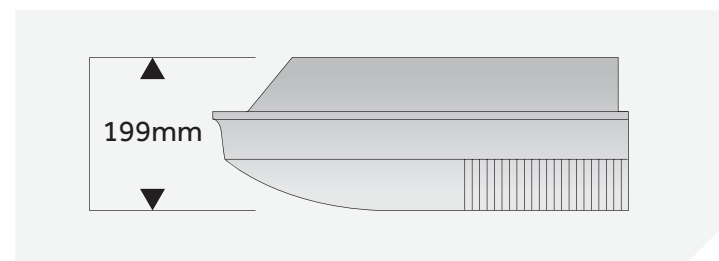
### Installation friendly

The indoor unit can be installed on the floor or on the ceiling, it is determined by your actual need. It greatly decreases the space needed and also it can provide the same level of comfort, at the same time make service and installation more convenient and flexible.



### Ultra-thin unit body (only HCFU-18CF03)

The convertible indoor unit adopts a double drain pan design, the unit body is very thin, only 199mm. It is beautiful, elegant and space saving.



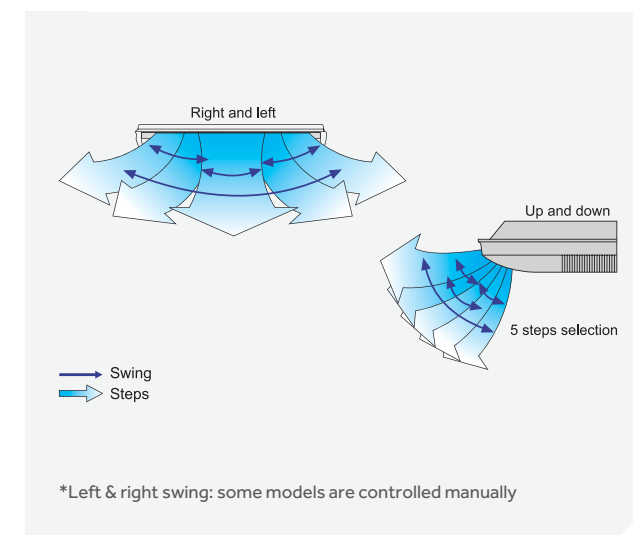
## Comfort

### 3D airflow \*

In order to realize the comfortable space with uniform temperature, the air conditioner uses two stepping motors to adjust the airflow automatically, send the air to every corner of the room.

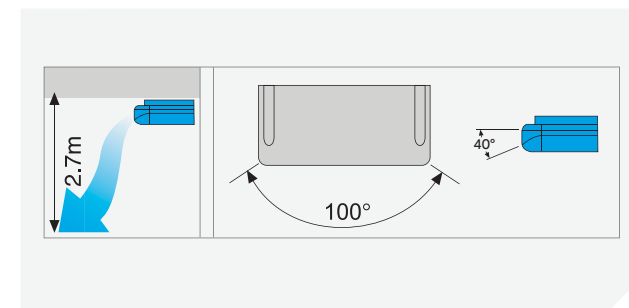
When heating, it will supply large quantity of warm air in order to quickly and effectively warm up the floor, and it will send the airflow from top to bottom until the cool air reach every corner of the room at the cooling mode.

The airflow direction can be controlled in 5 stepping motors from up & down, from left & right. More selectable, more flexible.



### Wide angle air supplying

The filter can be easily take out, you need not take down the unit or open the air inlet grill, and realize convenient cleaning work.



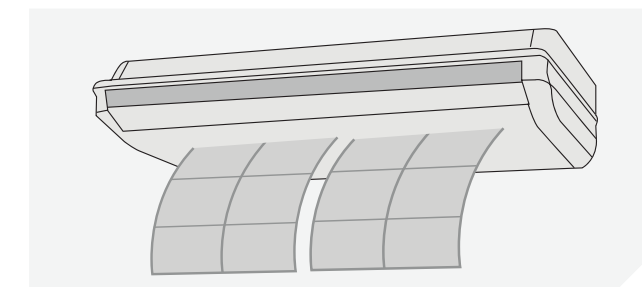
### Fresh-air intake (48k, 60k)

There are fresh air intake holes in the unit, which can make the air more comfortable.



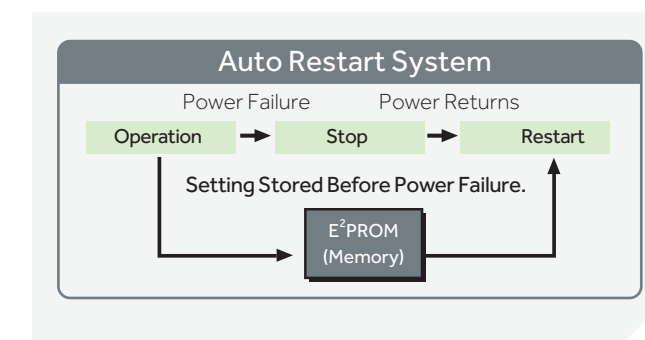
### Taken-out air purify filter(48k, 60k)

The filter can be easily take out, you need not take down the unit or open the air inlet grill, and realize convenient cleaning work.



### Auto restart function

This function permits automatic return to previous operation conditions after sudden power blackout. You can now sleep peacefully all through the night without having to get up and turn your air conditioner back on.



# CONVERTIBLE TYPE



### STANDARD FUNCTION



### OPTIONAL FUNCTION



### Taken-out air purify filter

In cooling & heating big capacity requirement environment, Haier supplies different solutions for different purpose.

### Fresh-air intake

There are fresh air intake holes in the unit, which can make the air more comfortable.

Model			HCFU-48CH03
Capacity	Cooling	Btu/h	44700
		kW	13.1
	Rated power input	kW	4.9/-
	Power supply	Ph/V/Hz	3/380-415/50
Air flow	EER	W/W	2.67/-
	Air volume (H)	m³/h	2000
Noise level	Indoor (H/M/L)	dB(A)	53
	Outdoor	dB(A)	61
Net dimensions	Indoor(W/D/H)	mm	1580/700/240
	Outdoor(W/D/H)	mm	1008/410/830
Shipping dimensions	Indoor(W/D/H)	mm	1720/800/330
	Outdoor(W/D/H)	mm	1130/490/930
Net weight	Indoor	kg	54/61
	Outdoor	kg	95/100
Gross weight	Gas	mm	19.05
	Liquid	mm	9.52
	Max pipe length	m	50
	Max drop	m	30
	Controller model		YR-H50





# DUCT TYPE

## Ultra Thin Design

### 185mm super thin design and space saving

For the low static pressure duct type indoor units, you can choose the unit thickness is 185mm or 220mm, ultra-thin design realizes space saving and completely matches with the indoor decoration.



## Design Flexibility

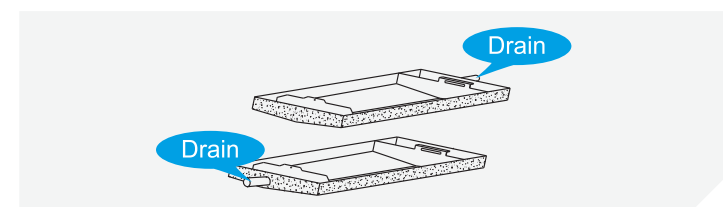
### Return air-intake choices

Friendly design of rear air return or bottom air return is available.



### Knock-down drain pan & double sides water drainage

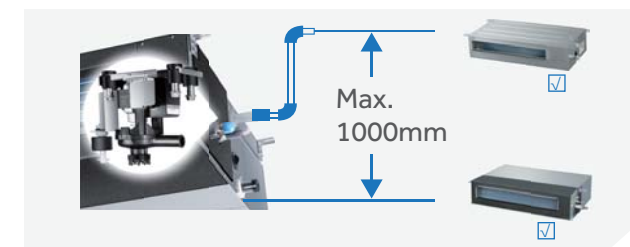
The drain pan is easy to disassemble, and it can realize the two sides drainage through changing the direction of the drain pan.



## Design Flexibility

### High lift-up drain pump

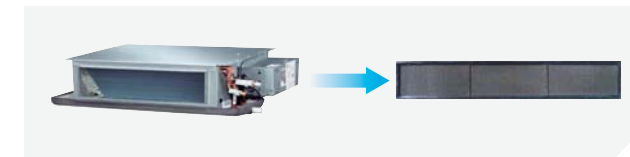
The built in lift-up drain pump, it can lift condensed water up to 1000mm, more flexible to install the duct according to the layout.



## Easy installation & maintenance

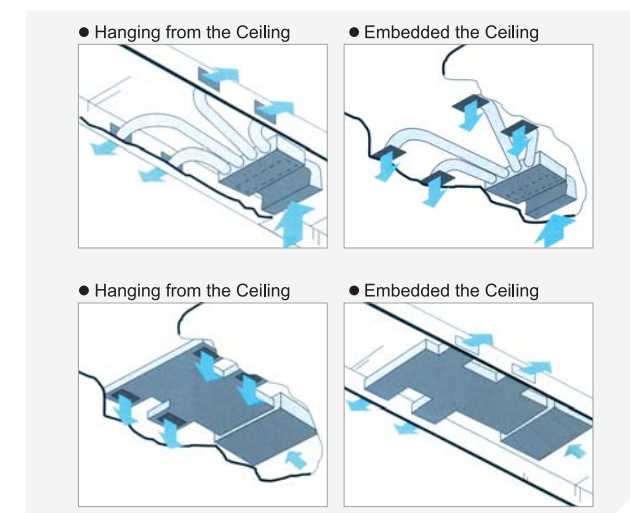
### High efficiency filter

The unit adopts G3 grade filter which can efficiently filter the dirt etc., and improve the room air quality. At the same time, the filter can be pulled out downside, it's convenient for maintenance and cleaning.



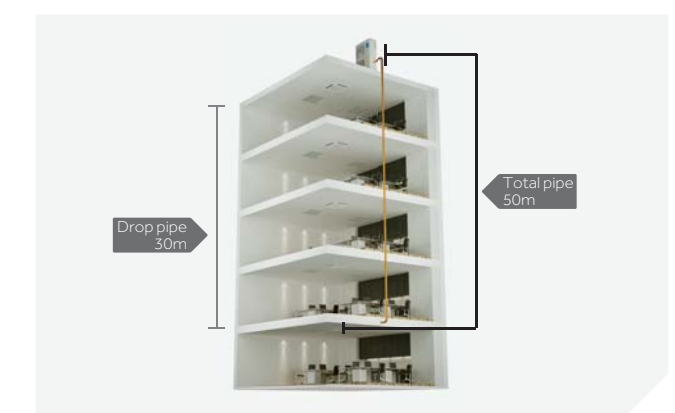
### Multi-mode for installation

The indoor unit can be installed with an air return duct or without an air return duct according to the installation need.



### Long pipe length high height Drop (the unit btu/h>24000)

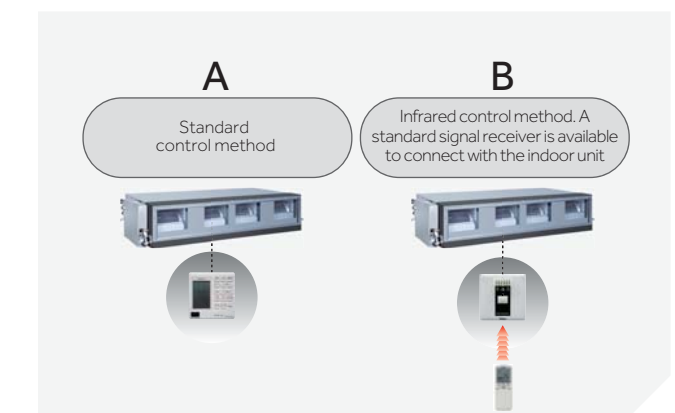
Long piping length (50m) & Large drop (30m), more flexible installation and design.



### Variable control mode to satisfy different needs

The air volume and sound level is kept constant as designed regardless of changes in E.S.P. by controller.

Different static pressure to satisfy different needs.



SLIM DUCT TYPE



STANDARD FUNCTION



OPTIONAL FUNCTION



185mm super thin design and space saving

For the low static pressure duct type indoor units, 185mm ultra-thin design realizes space saving and completely matches with the indoor decoration.

Optionalair inlet/outlet panel

Vertical swing, horizontal swing automatically controlled by controller, it can provide hot air near the floor, solve the problems that lcold feetl in winter.

Model			HDU-09CS03	HDU-12CS03
Capacity	Cooling	Btu/h	9200	12300
		kW	2.7	3.6
	Rated power input	kW	0.96	1.29
	Power supply	Ph/V/Hz	1/220~240/50	1/220~240/50
	EER	W/W	2.81/-	2.79/-
Air flow	Static pressure	Pa	30	30
	Air volume (H)	m³/h	500	550
Noise level	Indoor (H/M/L)	dB(A)	30/26/21	33/28/23
	Outdoor	dB(A)	50	53
Net dimensions	Indoor(W/D/H)	mm	850/420/185	850/420/185
	Outdoor(W/D/H)	mm	780/270/540	780/270/540
Shipping dimensions	Indoor(W/D/H)	mm	1045/540/270	1045/540/270
	Outdoor(W/D/H)	mm	905/375/612	905/375/612
Net weight	Indoor	kg	17/21.3	18/21.9
	Outdoor	kg	27/28.8	32/36.4
Gross weight	Gas	mm	9.52	12.7
	Liquid	mm	6.35	6.35
	Max pipe length	m	10	10
	Max drop	m	5	5
	Controller model		YR-E20	YR-E20

SLIM DUCT TYPE



STANDARD FUNCTION



OPTIONAL FUNCTION



185mm super thin design and space saving

For the low static pressure duct type indoor units, 220mm ultra-thin design realizes space saving and completely matches with the indoor decoration.

Optional static pressure

The static pressure from 10Pa to 30Pa for the low static pressure duct make user more convenient.

Model			HDU-18CS03	HDU-24CS03
Capacity	Cooling	Btu/h	17750	24500
		kW	5.2	7.2
	Rated power input	kW	1.86	2.57
	Power supply	Ph/V/Hz	1/220~240/50	1/220~240/50
	EER	W/W	2.80/-	2.80/-
Air flow	Static pressure	Pa	30	30
	Air volume (H)	m³/h	900	1100
Noise level	Indoor (H/M/L)	dB(A)	36/30/26	39/32/29
	Outdoor	dB(A)	54	58
Net dimensions	Indoor(W/D/H)	mm	1170/420/185	1170/420/185
	Outdoor(W/D/H)	mm	780/245/680	948/340/840
Shipping dimensions	Indoor(W/D/H)	mm	1365/540/270	1365/540/270
	Outdoor(W/D/H)	mm	949/406/745	1095/410/945
Net weight	Indoor	kg	24/30	26/32
	Outdoor	kg	40/42	69/75
Gross weight	Gas	mm	12.7	15.88
	Liquid	mm	6.35	9.52
	Max pipe length	m	20	30
	Max drop	m	10	15
	Controller model		YR-E20	YR-E20



LOW ESP DUCT TYPE



STANDARD FUNCTION



OPTIONAL FUNCTION



220mm thin design and space saving

For the low static pressure duct type indoor units, 220mm ultra-thin design realizes space saving and completely matches with the indoor decoration.

Optional static pressure

The static pressure from 0Pa to 30Pa for the low static pressure duct make user more convenient.

Model			HDU-18CA03T3	HDU-24CA03T3
Capacity	Cooling	Btu/h	17750	24000
		kW	5.2	7.1
	Rated power input	kW	1.80/-	2.40/-
	Power supply	Ph/V/Hz	1/220~240/50	1/220~240/50
	EER	W/W	2.89/-	2.92/-
Air flow	Static pressure	Pa	20	20
	Air volume (H)	m³/h	780	1200
Noise level	Indoor (H/M/L)	dB(A)	37/31/28	43/38/33
	Outdoor	dB(A)	54	55
Net dimensions	Indoor(W/D/H)	mm	1105/500/220	1105/500/220
	Outdoor(W/D/H)	mm	780/245/680	860/308/730
Shipping dimensions	Indoor(W/D/H)	mm	1174/549/294	1174/549/294
	Outdoor(W/D/H)	mm	949/406/745	995/420/815
Net weight	Indoor	kg	23/26.5	25.2/28.4
	Outdoor	kg	39/43	52/55
Gross weight	Gas	mm	12.7	15.88
	Liquid	mm	9.52	9.52
	Max pipe length	m	20	20
	Max drop	m	10	10
	Controller model		YR-E15	YR-E20

MEDIUM ESP DUCT TYPE



STANDARD FUNCTION



OPTIONAL FUNCTION



Free setting of air discharge duct

The number of the airflow outlet and its installation position can be freely selected according to the surrounding of the room, sufficiently considering the load of the room and balanced temperature of the room to realize more perfect comfort.

External static pressure design

The units static pressure design range can be 80-120Pa.

Model			HDU-36CA03T3/H	HDU-48CJ03/H	HDU-48CL03/H
Capacity	Cooling	Btu/h	36000	45700	48000
		kW	10.5	13.4	14
	Rated power input	kW	3.29/-	4.87/-	5.0/-
	Power supply	Ph/V/Hz	1/220~240/50	3/380~415/50	3/380~415/50
	EER	W/W	3.19/-	2.75/-	2.8/-
Air flow	Static pressure	Pa	80	80	80
	Air volume (H)	m³/h	1700	1700	1700
Noise level	Indoor (H/M/L)	dB(A)	49/45/42	50/47/43	51/49/48
	Outdoor	dB(A)	58	59	61
Net dimensions	Indoor(W/D/H)	mm	1135/742/270	1135/742/270	1135/742/270
	Outdoor(W/D/H)	mm	1008/410/830	1008/410/830	960/340/1250
Shipping dimensions	Indoor(W/D/H)	mm	1355/856/380	1355/856/380	1355/856/380
	Outdoor(W/D/H)	mm	1130/490/930	1130/490/930	1095/410/1400
Net weight	Indoor	kg	52/53.5	52/55	50/55
	Outdoor	kg	85/89.3	87/94.6	97/106
Gross weight	Gas	mm	19.05	19.05	19.05
	Liquid	mm	9.52	9.52	9.52
	Max pipe length	m	50	50	50
	Max drop	m	30	30	30
	Controller model		YR-E20	YR-E20	YR-E20

HIGH ESP DUCT TYPE



STANDARD FUNCTION



OPTIONAL FUNCTION



Free setting of air discharge duct

The number of the airflow outlet and its installation position can be freely selected according to the surrounding of the room, sufficiently considering the load of the room and the uniform temperature of the room to realize more perfect comfort.

External static pressure design

The units static pressure design range can be 50-100Pa.

Model			HDU-60CA03T3/H
Capacity	Cooling	Btu/h	57000
		kW	16.7
	Rated power input	kW	5.20/-
	Power supply	Ph/V/Hz	3/380-415/50
	EER	W/W	3.21/-
Air flow	Static pressure	Pa	100
	Air volume (H)	m³/h	2250
Noise level	Indoor (H/M/L)	dB(A)	50/45/41
	Outdoor	dB(A)	60
Net dimensions	Indoor(W/D/H)	mm	1197/830/360
	Outdoor(W/D/H)	mm	960/340/1250
Shipping dimensions	Indoor(W/D/H)	mm	1430/940/420
	Outdoor(W/D/H)	mm	1095/410/1400
Net weight Gross weight	Indoor	kg	62/70
	Outdoor	kg	107/118
Piping connection	Gas	mm	19.05
	Liquid	mm	12.7
	Max pipe length	m	50
	Max drop	m	30
	Controller model		YR-E20

HIGH ESP DUCT TYPE



STANDARD FUNCTION



OPTIONAL FUNCTION



Free setting of air discharge duct

The number of the airflow outlet and its installation position can be freely selected according to the surrounding of the room, sufficiently considering the load of the room and the uniform temperature of the room to realize more perfect comfort.

External static pressure design

The units static pressure design range can be 100-196Pa.

Model			HDU-96CT03/H
Capacity	Cooling	Btu/h	93100
		kW	27.3
	Rated power input	kW	11.23/-
	Power supply	Ph/V/Hz	3/380-415/50
	EER	W/W	2.43/-
Air flow	Static pressure	Pa	100
	Air volume (H)	m³/h	4050
Noise level	Indoor (H/M/L)	dB(A)	54
	Outdoor	dB(A)	64
Net dimensions	Indoor(W/D/H)	mm	1570/830/360
	Outdoor(W/D/H)	mm	990/750/1808
Shipping dimensions	Indoor(W/D/H)	mm	1820/940/530
	Outdoor(W/D/H)	mm	1090/860/1990
Net weight Gross weight	Indoor	kg	118/126
	Outdoor	kg	227/235
Piping connection	Gas	mm	19.05*2
	Liquid	mm	9.52*2
	Max pipe length	m	50
	Max drop	m	30
	Controller model		YR-E15

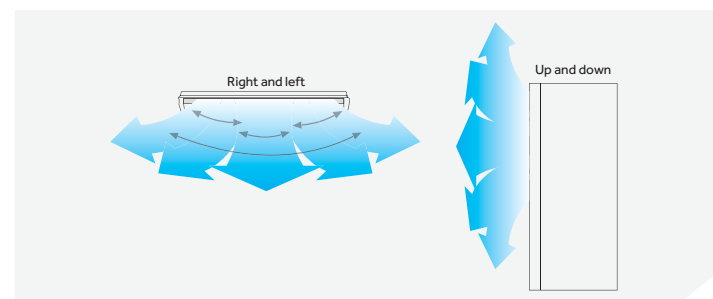


# CABINET TYPE

## Comfort

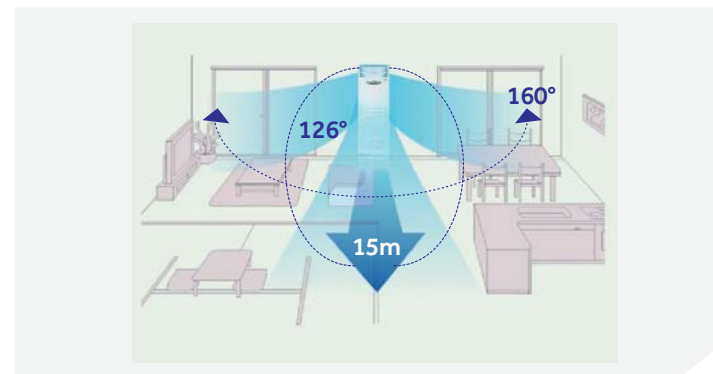
### 3D airflow

The cabinet type adopts two stepping motors to combines vertical and horizontal auto-swing to circulate cool/warm air to the every corner of the room.



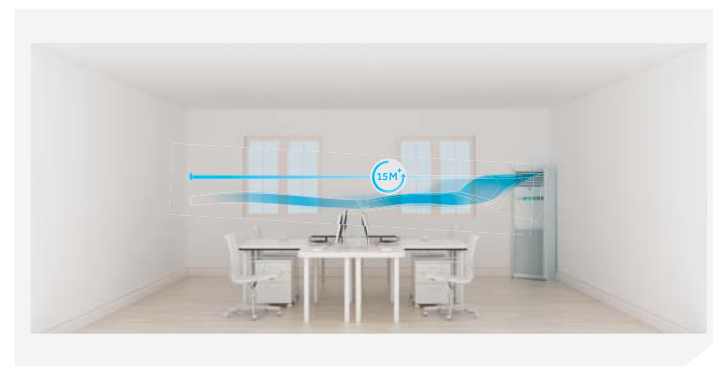
### Wide angle 160° air supply

Rounding 3-dimensional, 160 wide angle air sending, reach every corner of the room.



### 15m Long distance airflow

According to the requirement of office room and large parlor, 15m long distance.



## Comfort

### LCD display (60k)

Be displayed on the LCD screen, perfect design.



### Rounding natural air, keeping away from "air conditioner symptom"

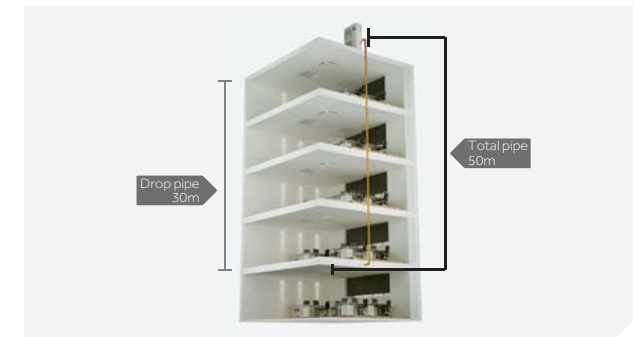
Apply innovative natural rounding air technology, simulating natural frequency spectrum, adjusting fan speed at random, three dimensions air scanning and natural air delivering, not blowing to human body, more convenient and comfort.



## Easy Installation

### Long pipe length & high height drop

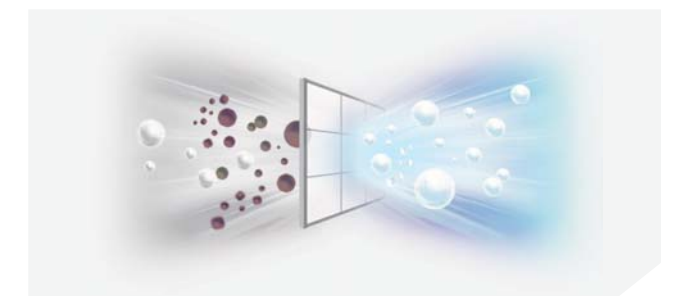
Long piping length (50m) & Large drop (30m), more flexible installation and design.



## Health

### High efficiency air purify filter

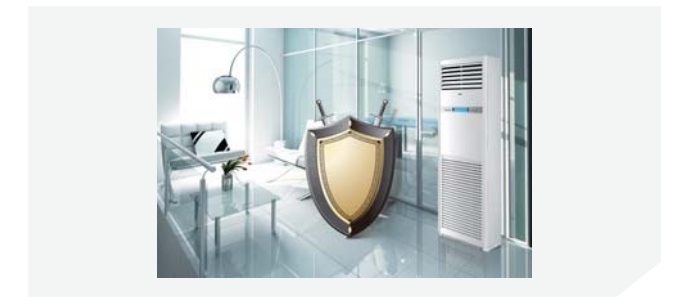
High efficiency air purify filter effectively prevents the smaller dust articles, insects and other materials.



## Reliability

### Reliable protection

The system has many protect functions to achieve reliable running: High-pressure protection; Low-pressure protection; Phase protection; Over-current protection.



### Child lock

After you set this function, the working statues can not be changed either by the remote controller or the touch screen, unless this setting is canceled.



CABINET TYPE



STANDARD FUNCTION



OPTIONAL FUNCTION



LCD display

Be displayed on the LCD screen, perfect design.

Strict reliability test

Exceeded 2000 hours reliability test continuously per model to ensure high product reliability.

Model			HPU-36CA03T3
Capacity	Cooling	Btu/h	36000
		kW	10.5
	Rated power input	kW	3.29/-
	Power supply	Ph/V/Hz	1/220-240/50
	EER	W/W	3.19/-
Air flow	Air volume (H)	m³/h	1600
Noise level	Indoor	dB(A)	54
	Outdoor	dB(A)	60
Net dimensions	Indoor(W/D/H)	mm	530/340/1820
	Outdoor(W/D/H)	mm	1008/410/830
Shipping dimensions	Indoor(W/D/H)	mm	620/420/1920
	Outdoor(W/D/H)	mm	1130/490/930
Net weight	Indoor	kg	48.5/57.3
Gross weight	Outdoor	kg	85/88.5
Piping connection	Gas	mm	19.05
	Liquid	mm	9.52
	Max pipe length	m	30
	Max drop	m	15
	Controller model		YR-H71

CABINET TYPE



STANDARD FUNCTION



OPTIONAL FUNCTION



Different solutions for different purposes

In cooling & heating big capacity requirement environment, Haier supplies different solutions for different purpose.

Self-diagnostic function

Failure codes clearly display detailed information for quick understanding of failure areas.

Model			HPU-48CJ03	HPU-48CK03
Capacity	Cooling	Btu/h	46700	48000
		kW	13.7	14
	Rated power input	kW	5.37/-	5.4/-
	Power supply	Ph/V/Hz	3/380-415/50	3/380-415/50
	EER	W/W	2.55/-	2.6/-
Air flow	Air volume (H)	m³/h	1560	1560
Noise level	Indoor	dB(A)	54	55
	Outdoor	dB(A)	62	59
Net dimensions	Indoor(W/D/H)	mm	530/340/1820	530/340/1820
	Outdoor(W/D/H)	mm	1008/410/830	960/340/1250
Shipping dimensions	Indoor(W/D/H)	mm	620/420/1920	620/420/1920
	Outdoor(W/D/H)	mm	1130/490/930	1095/410/1400
Net weight	Indoor	kg	50/59	50/59
Gross weight	Outdoor	kg	91/93.8	100/103.3
Piping connection	Gas	mm	19.05	19.05
	Liquid	mm	9.52	9.52
	Max pipe length	m	30	50
	Max drop	m	15	30
	Controller model		YR-H71	YR-H71



CABINET TYPE



STANDARD FUNCTION



OPTIONAL FUNCTION



LCD display

Be displayed on the LCD screen, perfect design.

Long pipe length, high height drop

Long piping length (50m) & Large drop(30m), more flexible installation and design.

Wide angle 160° air sending

Rounding 3-dimensional, 160 wide angle air sending, reach every corner of the room.

Model			HPU-60CA03T3
Capacity	Cooling	Btu/h	57000
		kW	16.7
	Rated power input	kW	5.47/-
	Power supply	Ph/V/Hz	3/380-415/50
	EER	W/W	3.05/-
Air flow	Air volume (H)	m³/h	1700
Noise level	Indoor	dB(A)	55
	Outdoor	dB(A)	60
Net dimensions	Indoor(W/D/H)	mm	600/350/1850
	Outdoor(W/D/H)	mm	960/340/1250
Shipping dimensions	Indoor(W/D/H)	mm	691/425/1986
	Outdoor(W/D/H)	mm	1095/415/1400
Net weight	Indoor	kg	59/66.4
Gross weight	Outdoor	kg	107/112.9
Piping connection	Gas	mm	19.05
	Liquid	mm	12.7
	Max pipe length	m	50
	Max drop	m	30
	Controller model		YR-H71

CABINET TYPE



STANDARD FUNCTION



OPTIONAL FUNCTION



Double compressor design

Low interference to the electricity net.

Long pipe length, high height drop

Long piping length (50m) & Large drop (30m), more flexible installation and design.

Large air volume design

The air volume can reach to 4500m³/h

Model			HPU-96CT03
Capacity	Cooling	Btu/h	93100
		kW	27.3
	Rated power input	kW	10.54/-
	Power supply	Ph/V/Hz	3/380-415/50
	EER	W/W	2.59/-
Air flow	Air volume (H)	m³/h	4500
Noise level	Indoor	dB(A)	54
	Outdoor	dB(A)	64
Net dimensions	Indoor(W/D/H)	mm	1210/325/1850
	Outdoor(W/D/H)	mm	990/750/1808
Shipping dimensions	Indoor(W/D/H)	mm	1350/550/2040
	Outdoor(W/D/H)	mm	1090/860/1990
Net weight	Indoor	kg	107/120
Gross weight	Outdoor	kg	228/243
Piping connection	Gas	mm	19.05*2
	Liquid	mm	9.52*2
	Max pipe length	m	50
	Max drop	m	30
	Controller model		YR-H71



# STANDARD SERIES

## **HEAT PUMP**
































 Models Line-up	51
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 Duct Type	61
 Cabinet Type	71





# MODELS LINE-UP

HEAT PUMP 

SERIES	Btu/h	9000	12000	18000	24000	36000	48000	60000	90000	136500
	kW	2.6	3.6	5.2	7.1	10.5	14.0	16.0	26.0	40.0
Power Supply		1/220-240/50	1/220-240/50	1/220-240/50	1/220-240/50	3/380-415/50	3/380-415/50	3/380-415/50	3/380-415/50	3/380-415/50
Outdoor Units										
4-way Cassette Type				HBU-18HF03 	HBU-28HH03 	HBU-36HH03 	HBU-48HJ03 			
Convertible Type						HCFU-36HH03 	HCFU-48HL03 	HCFU-60HI03 		
Slim ESP Duct Type	HDU-09HS03 	HDU-12HS03 	HDU-18HS03 	HDU-24HS03 						
Low ESP Duct Type			HDU-18HF03 	HDU-28HF03 						
Medium/High ESP Duct Type						HDU-36HH03/H 	HDU-48HL03/H 	HDU-60HI03/H 	HDU-96HT03/H 	AH16NAHAAA 
Cabinet Type							HPU-48HJ03 	HPU-48HN03 	HPU-60HV03 	HPU-96HT03 

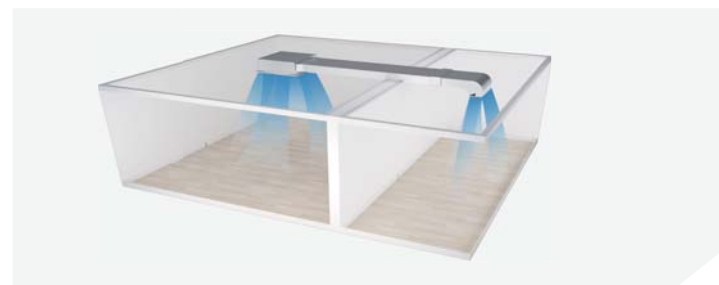
\*The outdoor unit is not universal outdoor unit, the showed outdoor unit picture is for reference only;

# CASSETTE TYPE

## Easy Installation & Maintenance

### Branch outlet

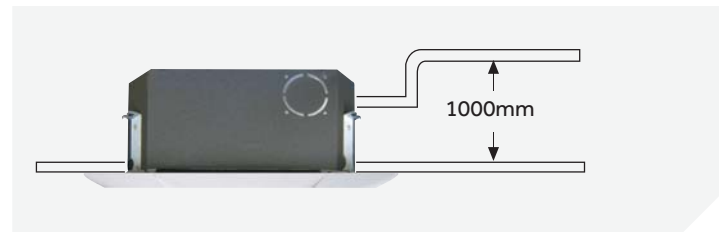
It is possible to use 1 or 2 branches for better air distribution (optional).



### Built-in high head drain pump

Built-in drain pump drains water automatically.

A standard drain-head height of up to 1000mm is possible. Create the ideal solution for perfect water drainage.



### Flexible installation(The unit Btu/h>24000)

Long piping length (50m) & Large drop(30m), more flexible installation and design.



## Comfort

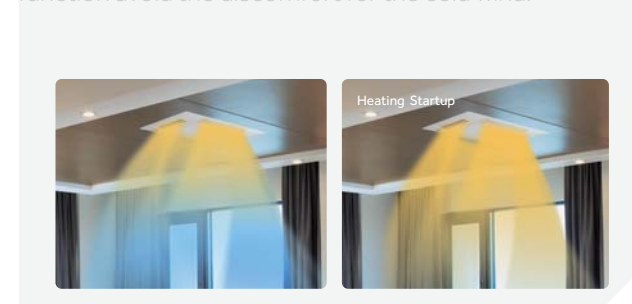
### Fast cooling

In cooling model the fan of unit operated in high speed, which makes indoor temperature rising. When indoor reaches a certain temperature, the fan start normal operation.



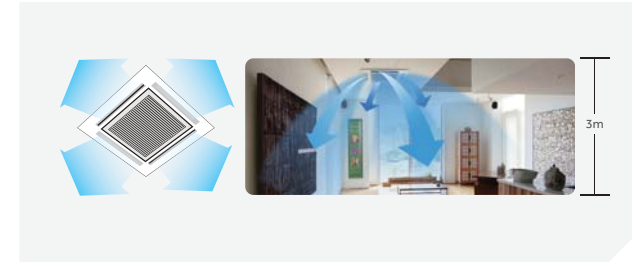
### Hot start sunction(Heat pump model only)

During starting of the unit in the heating mode it prevents cold air blown from the unit, it starts the indoor fan only after indoor unit pipe reaches certain temperature. This function avoid the discomfort for the cold wind.



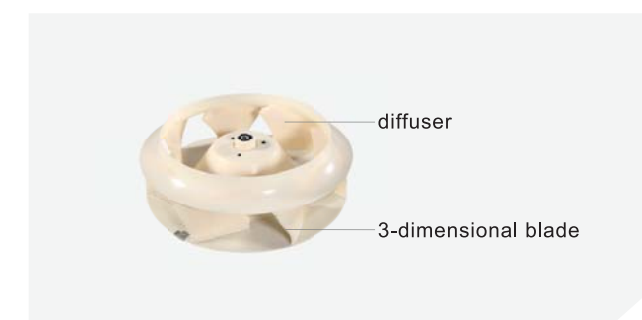
### Auto-swing

The heating or cooling wind can blown to the floor, the high can reach 3m. For cooling operation auto deflection control provides comfortable cool air up and down to every corner of the room.



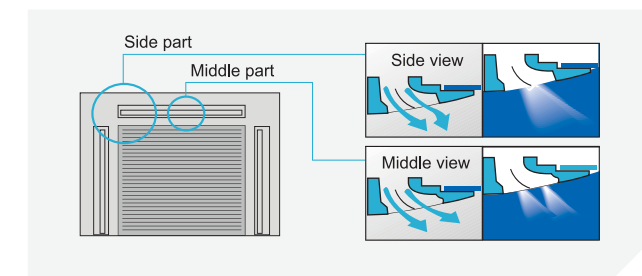
### Quiet operation

The fan blade adopts the design of irregular helix, the indoor unit can run at the lowest sound level.



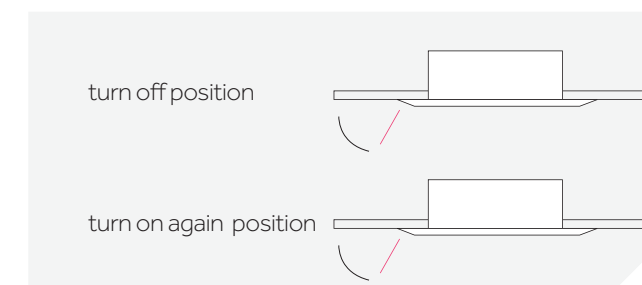
### Antifouling and movable baffle

The movable baffle has antifouling design and can effectively control the airflow and air direction. It is clean to use without polluting the ceiling. It has standard long acting filter screen to make the cleaning time largely extended. When there are many units, the operation of cleaning and maintenance will be largely reduced.



### Convenience swing control

Memory function in swing direction make the flap come to the desired direction when the cassette unit is turned on.





CASSETTE TYPE



STANDARD FUNCTION



OPTIONAL FUNCTION



Fresh air inlet hole

Pre-set fresh air outlet, can introduce the outside fresh air into the room, greatly improve the indoor air quality.

Auto-swing

The heating or cooling wind can blown to the floor, the high can reach 3m. for cooling operation auto deflection control provides comfortable cool air up and down to every corner of the room.

Model			HBU-18HF03
Capacity	Cooling	Btu/h	18000
		kW	5.3
	Heating	Btu/h	21500
		kW	6.3
	Rated power input	kW	1.76/1.9
	Power supply	Ph/V/Hz	1/220-240/50
Air flow	EER	W/W	3.01/3.31
	Air volume (H)	m³/h	700
	Indoor (H/M/L)	dB(A)	42/38/34
	Outdoor	dB(A)	53
Net dimensions	Indoor(W/D/H)	mm	570/570/260
	Panel(W/D/H)	mm	700/700/60
	Outdoor(W/D/H)	mm	780/245/680
Shipping dimensions	Indoor(W/D/H)	mm	718/680/380
	Panel(W/D/H)	mm	740/740/115
	Outdoor(W/D/H)	mm	949/406/745
Net weight	Indoor	kg	18/22
	Panel	kg	2.8/4.5
	Outdoor	kg	48/52
Piping connection	Gas	mm	12.7
	Liquid	mm	6.35
	Max pipe length	m	15
	Max drop	m	5
	Controller model		YR-H71

CASSETTE TYPE



STANDARD FUNCTION



OPTIONAL FUNCTION



Branch outlet

It is possible to use 1 or 2 branches for better air distribution (optinal).

Compact design

Adopts compact design, the thickness of the main body is only 24cm. even if the inner space of ceiling is narrow, the unit can also be installed easily.

Model			HBU-28HH03	HBU-36HH03	HBU-48HJ03
Capacity	Cooling	Btu/h	24300	36000	48000
		kW	7.1	10.5	14
	Heating	Btu/h	27300	40900	52000
		kW	8	12	15
	Rated power input	kW	2.43/2.61	3.70/4.00	4.92/5.08
	Power supply	Ph/V/Hz	1/220-240/50	3/380-415/50	3/380-415/50
Air flow	EER	W/W	2.92/3.07	2.84/3.0	2.84/2.95
	Air volume (H)	m³/h	1300	1800	1800
	Indoor (H/M/L)	dB(A)	44/40/36	50/46/42	50/46/42
	Outdoor	dB(A)	56	59	61
Net dimensions	Indoor(W/D/H)	mm	840/840/240	840/840/290	840/840/290
	Panel(W/D/H)	mm	950/950/60	950/950/60	950/950/60
	Outdoor(W/D/H)	mm	948/340/840	1008/410/830	1008/410/830
Shipping dimensions	Indoor(W/D/H)	mm	930/930/330	930/930/390	930/930/390
	Panel(W/D/H)	mm	992/992/115	992/992/115	992/992/115
	Outdoor(W/D/H)	mm	1095/410/945	1130/490/930	1130/490/930
Net weight	Indoor	kg	25/32	31/37	31/37
	Panel	kg	5.3/7.7	5.3/7.7	5.3/7.7
	Outdoor	kg	60/65	90/99	88/96
Piping connection	Gas	mm	15.88	19.05	19.05
	Liquid	mm	9.52	9.52	9.52
	Max pipe length	m	30	50	50
	Max drop	m	15	30	30
	Controller model		YR-H005	YR-H005	YR-H005

# CONVERTIBLE TYPE

## Design Flexibility

### Installation friendly

The indoor unit can be installed on the floor or on the ceiling, it is determined by your actual need. It greatly decreases the space needed and also it can provide the same level of comfort, at the same time make service and installation more convenient and flexible.



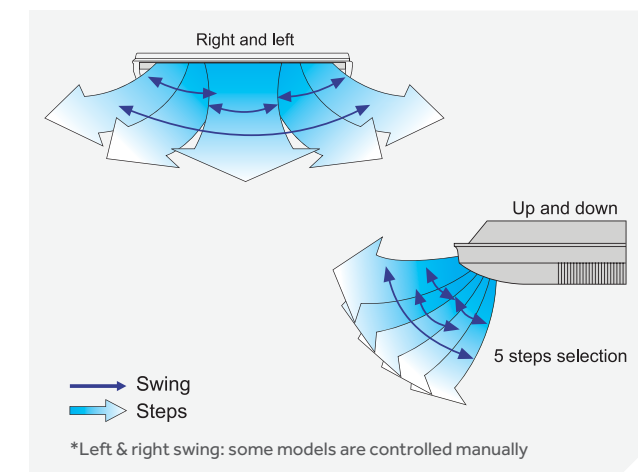
## Comfort

### 3D airflow \*

In order to realize the comfortable space with uniform temperature, the air conditioner uses two stepping motors to adjust the airflow automatically, send the air to every corner of the room.

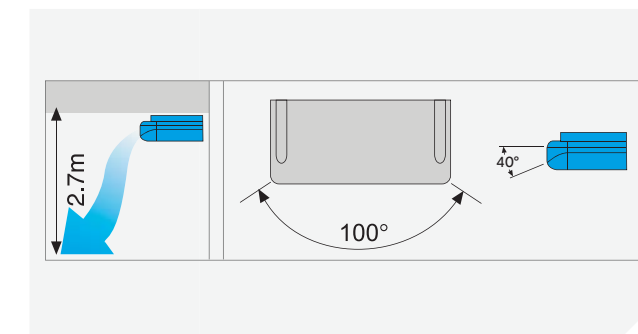
When heating, it will supply large quantity of warm air in order to quickly and effectively warm up the floor, and it will send the airflow from top to bottom until the cool air reach every corner of the room at the cooling mode.

The airflow direction can be controlled in 5 stepping motors from up & down, from left & right. More selectable, more flexible.



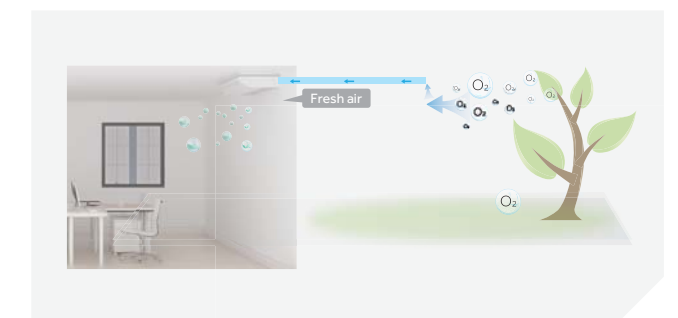
### Wide angle air supplying

100° wide angle louvers and 70° wide angle blades design to make a precise control of the airflow, it distributes the comfort air equally to every corner of the room.



### Fresh-air intake (25K/30K/36K/40K)

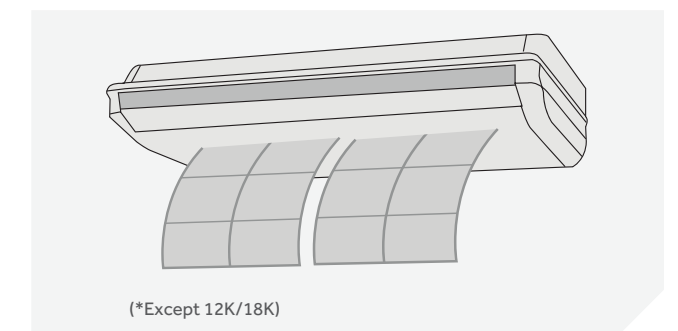
There are fresh air intake holes in the unit, which can make the air more comfortable.



## Easy Maintenance

### Taken-out air purify filter

The filter can be easily take out, you need not take down the unit or open the air inlet grill, and realize convenient cleaning work.





# CONVERTIBLE TYPE



### STANDARD FUNCTION



### OPTIONAL FUNCTION



#### Taken-out air purify filter

In cooling & heating big capacity requirement environment, Haier supplies different solutions for different purpose.

#### Fresh-air intake

There are fresh air intake holes in the unit, which can make the air more comfortable.

Model			HCFU-36HH03	HCFU-48HL03	HCFU-60HI03
Capacity	Cooling	Btu/h	36000	44000	55000
		kW	10.5	12.9	16.1
	Heating	Btu/h	38200	51200	58300
		kW	11.2	15	17.1
	Rated power input	kW	3.4/3.4	4.83/5.55	5.3/5.4
Air flow	Power supply	Ph/V/Hz	3/380~415/50	3/380~415/50	3/380~415/50
	EER	W/W	3.09/3.29	2.67/2.7	3.03/3.16
	Air volume (H)	m³/h	1550	2000	2000
Noise level	Indoor	dB(A)	50	50	50
	Outdoor	dB(A)	60	58	59
Net dimensions	Indoor(W/D/H)	mm	1580/700/240	1580/700/240	1580/700/240
	Outdoor(W/D/H)	mm	948/340/840	960/340/1250	960/340/1250
Shipping dimensions	Indoor(W/D/H)	mm	1720/800/330	1720/800/330	1720/800/330
	Outdoor(W/D/H)	mm	1095/410/945	1095/410/945	1095/410/945
Net weight	Indoor	kg	50/57	54/61	54/61
	Outdoor	kg	74/85	101/106	91/116
Gross weight	Gas	mm	19.05	19.05	19.05
	Liquid	mm	9.52	9.52	12.7
	Max pipe length	m	30	50	50
	Max drop	m	20	30	30
	Controller model		YR-H50	YR-H50	YR-H50



# DUCT TYPE

## Ultra Thin Design

### 185mm super thin design and space saving

For the low static pressure duct type indoor units, you can choose the unit thickness is 185mm or 220mm, ultra-thin design realizes space saving and completely matches with the indoor decoration.



## Design Flexibility

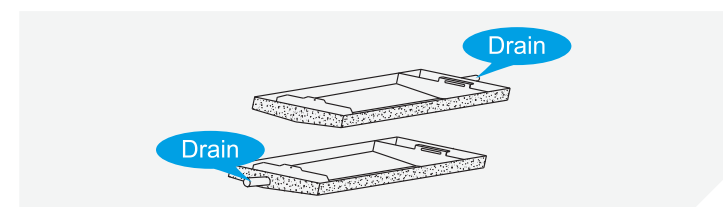
### Return air-intake choices

Friendly design of rear air return or bottom air return is available.



### Knock-down drain pan & double sides water drainage

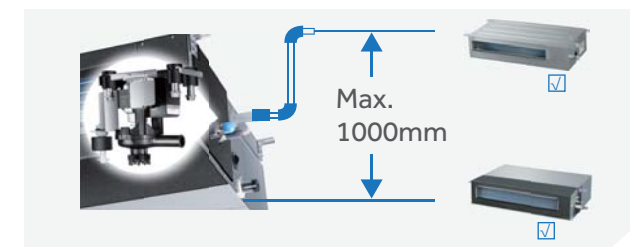
The drain pan is easy to disassemble, and it can realize the two sides drainage through changing the direction of the drain pan.



## Design Flexibility

### High lift-up drain pump

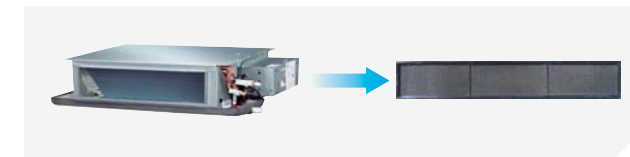
The built in lift-up drain pump, it can lift condensed water up to 1000mm, more flexible to install the duct according to the layout.



## Easy installation & maintenance

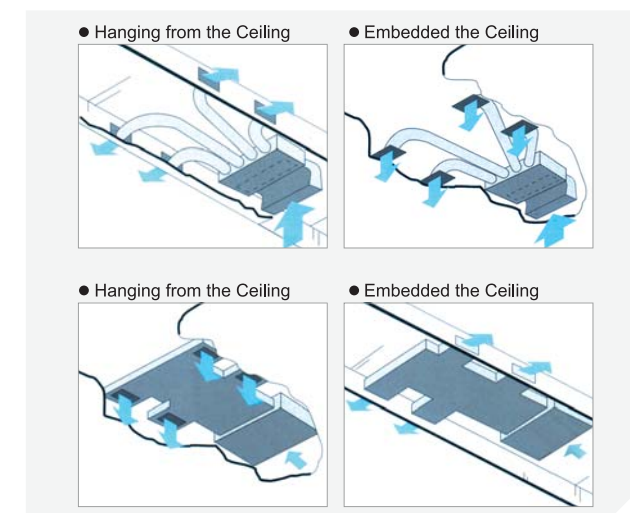
### High efficiency filter

The unit adopts G3 grade filter which can efficiently filter the dirt etc., and improve the room air quality. At the same time, the filter can be pulled out downside, it's convenient for maintenance and cleaning.



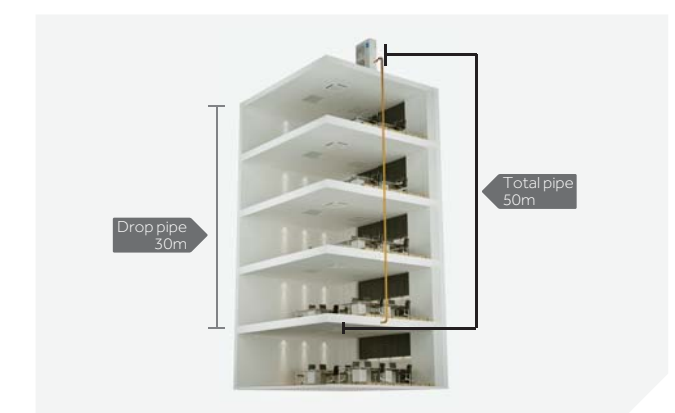
### Multi-mode for installation

The indoor unit can be installed with an air return duct or without an air return duct according to the installation need.



### Long pipe length high height Drop (the unit btu/h>24000)

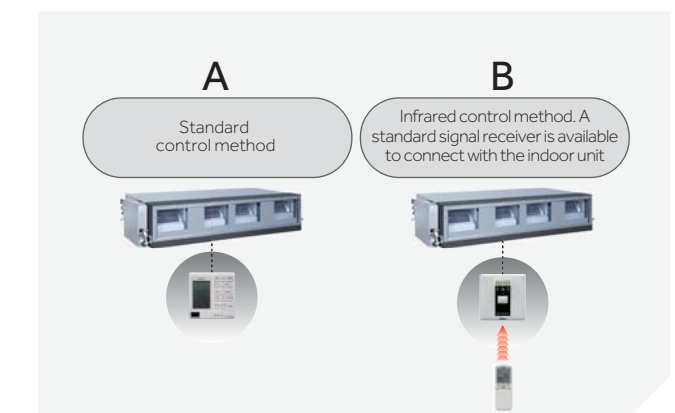
Long piping length (50m) & Large drop (30m), more flexible installation and design.



### Variable control mode to satisfy different needs

The air volume and sound level is kept constant as designed regardless of changes in E.S.P. by controller.

Different static pressure to satisfy different needs.





SLIM DUCT TYPE



STANDARD FUNCTION



OPTIONAL FUNCTION



185mm super thin design and space saving

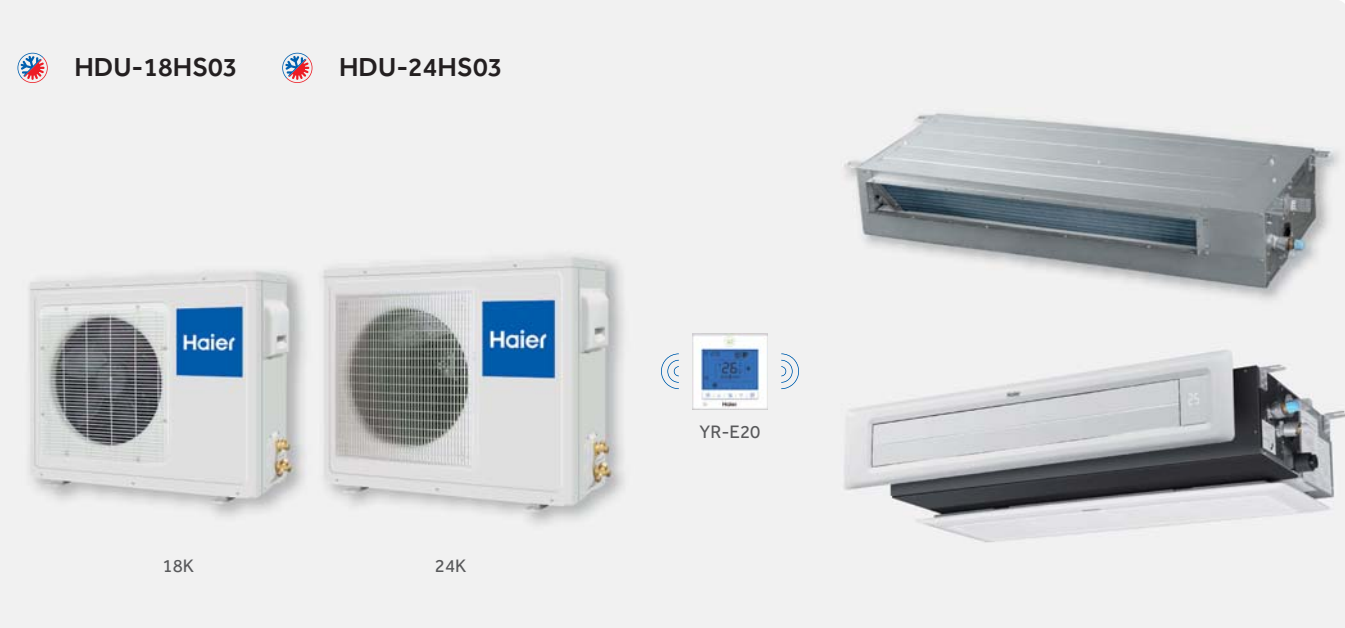
For the low static pressure duct type indoor units, 185mm ultra-thin design realizes space saving and completely matches with the indoor decoration.

Optionalair inlet/outlet panel

Vertical swing, horizontal swing automatically controlled by controller, it can provide hot air near the floor, solve the problems that lcold feetl in winter.

Model			HDU-09HS03	HDU-12HS03
Capacity	Cooling	Btu/h	9200	12300
		kW	2.7	3.6
	Heating	Btu/h	9500	13600
		kW	2.8	4
	Rated power input	kW	0.96/0.93	1.29/1.25
	Power supply	Ph/V/Hz	1/220~240/50	1/220~240/50
Air flow	EER	W/W	2.81/3.01	2.79/2.96
	Static pressure	Pa	30	30
	Air volume (H)	m³/h	500	550
Noise level	Indoor (H/M/L)	dB(A)	30/26/21	33/28/23
	Outdoor	dB(A)	50	53
Net dimensions	Indoor(W/D/H)	mm	850/420/185	850/420/185
	Outdoor(W/D/H)	mm	780/270/540	780/270/540
Shipping dimensions	Indoor(W/D/H)	mm	1045/540/270	1045/540/270
	Outdoor(W/D/H)	mm	905/375/612	905/375/612
Net weight	Indoor	kg	17.5/22	18.5/23
	Outdoor	kg	29/32	34/37
Piping connection	Gas	mm	9.52	12.7
	Liquid	mm	6.35	6.35
	Max pipe length	m	10	10
	Max drop	m	5	5
	Controller model		YR-E20	YR-E20

SLIM DUCT TYPE



STANDARD FUNCTION



OPTIONAL FUNCTION



185mm super thin design and space saving

For the low static pressure duct type indoor units, 220mm ultra-thin design realizes space saving and completely matches with the indoor decoration.

Optional static pressure

The static pressure from 10Pa to 30Pa for the low static pressure duct make user more convenient.

Model			HDU-18HS03	HDU-24HS03
Capacity	Cooling	Btu/h	17750	24500
		kW	5.2	7.2
	Heating	Btu/h	20400	28300
		kW	6.0	8.3
	Rated power input	kW	1.86/2.0	2.57/3.0
	Power supply	Ph/V/Hz	1/220~240/50	1/220~240/50
Air flow	EER	W/W	2.8/3.0	2.8/2.77
	Static pressure	Pa	30	30
	Air volume (H)	m³/h	900	1100
Noise level	Indoor (H/M/L)	dB(A)	36/30/26	39/32/29
	Outdoor	dB(A)	54	58
Net dimensions	Indoor(W/D/H)	mm	1170/420/185	1170/420/185
	Outdoor(W/D/H)	mm	780/245/680	948/340/840
Shipping dimensions	Indoor(W/D/H)	mm	1365/540/270	1365/540/270
	Outdoor(W/D/H)	mm	949/406/745	1095/410/945
Net weight	Indoor	kg	24.5/30	26.5/32
	Outdoor	kg	42/45	72/78
Piping connection	Gas	mm	12.7	15.88
	Liquid	mm	6.35	9.52
	Max pipe length	m	20	30
	Max drop	m	10	15
	Controller model		YR-E20	YR-E20

LOW ESP DUCT TYPE



STANDARD FUNCTION



OPTIONAL FUNCTION



220mm thin design and space saving

For the low static pressure duct type indoor units, 220mm ultra-thin design realizes space saving and completely matches with the indoor decoration.

Optional static pressure

The static pressure from 0Pa to 30Pa for the low static pressure duct make user more convenient.

Model			HDU-18HF03	HDU-28HF03
Capacity	Cooling	Btu/h	17000	24000
		kW	5	7.1
	Heating	Btu/h	18700	27300
		kW	5.5	8
	Rated power input	kW	1.80/1.85	2.45/2.60
Air flow	Power supply	Ph/V/Hz	1/220~240/50	1/220~240/50
	EER	W/W	2.78/2.97	2.90/3.08
Noise level	Static pressure	Pa	20	20
	Air volume (H)	m³/h	780	1200
Net dimensions	Indoor (H/M/L)	dB(A)	37/31/28	44/40/35
	Outdoor	dB(A)	54	54
Shipping dimensions	Indoor(W/D/H)	mm	1105/500/220	1105/500/220
	Outdoor(W/D/H)	mm	780/245/680	948/340/840
Net weight	Indoor(W/D/H)	mm	1174/549/294	1174/549/294
	Outdoor(W/D/H)	mm	949/406/745	1095/410/945
Gross weight	Indoor	kg	24/26	25.5/28
	Outdoor	kg	53/59	70/78.3
Piping connection	Gas	mm	12.7	15.88
	Liquid	mm	6.35	9.52
	Max pipe length	m	15	30
	Max drop	m	5	20
	Controller model		YR-E15	YR-E20

MEDIUM ESP DUCT TYPE



STANDARD FUNCTION



OPTIONAL FUNCTION



Free setting of air discharge duct

The number of the airflow outlet and its installation position can be freely selected according to the surrounding of the room, sufficiently considering the load of the room and balanced temperature of the room to realize more perfect comfort.

External static pressure design

The units static pressure design range can be 80-120Pa.

Model			HDU-36HH03/H	HDU-48HL03/H
Capacity	Cooling	Btu/h	36800	43000
		kW	10.8	12.6
	Heating	Btu/h	42600	61800
		kW	12.5	14
	Rated power input	kW	3.71/3.89	4.8/4.4
Air flow	Power supply	Ph/V/Hz	3/380~415/50	3/380~415/50
	EER	W/W	2.91/3.21	2.63/3.18
Noise level	Static pressure	Pa	80	30
	Air volume (H)	m³/h	1700	1800
Net dimensions	Indoor (H/M/L)	dB(A)	49/45/42	47/45/43
	Outdoor	dB(A)	58	62
Shipping dimensions	Indoor(W/D/H)	mm	1135/742/270	1670/505/230
	Outdoor(W/D/H)	mm	1008/410/830	1008/410/830
Net weight	Indoor(W/D/H)	mm	1355/856/380	1875/520/280
	Outdoor(W/D/H)	mm	1130/490/930	1130/490/930
Gross weight	Indoor	kg	50/53	37/42.5
	Outdoor	kg	80/90	93/103
Piping connection	Gas	mm	19.05	19.05
	Liquid	mm	9.52	9.52
	Max pipe length	m	50	50
	Max drop	m	30	30
	Controller model		YR-E20	YR-E20





# HIGH ESP DUCT TYPE



### STANDARD FUNCTION



### OPTIONAL FUNCTION



#### Free setting of air discharge duct

The number of the airflow outlet and its installation position can be freely selected according to the surrounding of the room, sufficiently considering the load of the room and the uniform temperature of the room to realize more perfect comfort.

#### External static pressure design

The units static pressure design range can be 50-100Pa.

Model			HDU-60HI03/H
Capacity	Cooling	Btu/h	53200
		kW	15.6
	Heating	Btu/h	58700
		kW	17.2
	Rated power input	kW	5.82/5.27
Air flow	Power supply	Ph/V/Hz	3/380-415/50
	EER	W/W	2.68/3.26
	Static pressure	Pa	100
Noise level	Air volume (H)	m³/h	2580
	Indoor (H/M/L)	dB(A)	50/45/41
Net dimensions	Outdoor	dB(A)	60
	Indoor(W/D/H)	mm	1197/830/360
	Outdoor(W/D/H)	mm	960/340/1250
Shipping dimensions	Indoor(W/D/H)	mm	1430/940/420
	Outdoor(W/D/H)	mm	1095/410/1400
Net weight	Indoor	kg	62/77
	Outdoor	kg	106/111
Gross weight	Gas	mm	19.05
	Liquid	mm	12.7
	Max pipe length	m	50
	Max drop	m	30
	Controller model		YR-E20

# HIGH ESP DUCT TYPE



### STANDARD FUNCTION



### OPTIONAL FUNCTION



#### Free setting of air discharge duct


The number of the airflow outlet and its installation position can be freely selected according to the surrounding of the room, sufficiently considering the load of the room and the uniform temperature of the room to realize more perfect comfort.

#### External static pressure design

The units static pressure design range can be 100-196Pa.

Model			HDU-96HT03/H
Capacity	Cooling	Btu/h	93100
		kW	27.3
	Heating	Btu/h	103300
		kW	30.3
	Rated power input	kW	11.23/11.23
Air flow	Power supply	Ph/V/Hz	3/380-415/50
	EER	W/W	2.43/2.70
	Static pressure	Pa	100
Noise level	Air volume (H)	m³/h	4050
	Indoor	dB(A)	54/-/49
Net dimensions	Outdoor	dB(A)	64
	Indoor(W/D/H)	mm	1570/830/360
	Outdoor(W/D/H)	mm	990/750/1808
Shipping dimensions	Indoor(W/D/H)	mm	1820/940/530
	Outdoor(W/D/H)	mm	1090/860/1990
Net weight	Indoor	kg	118/126
	Outdoor	kg	233/241
Gross weight	Gas	mm	19.05*2
	Liquid	mm	9.52*2
	Max pipe length	m	50
	Max drop	m	30
	Controller model		YR-E15

# HIGH ESP DUCT TYPE

 AH16NAHAAA / AV16NATAAA



## STANDARD FUNCTION



## OPTIONAL FUNCTION



### Free setting of air discharge duct

The number of the airflow outlet and its installation position can be freely selected according to the surrounding of the room, sufficiently considering the load of the room and the uniform temperature of the room to realize more perfect comfort.

### Multi-mode for installation

The indoor unit can be installed with an air return duct or without an air return duct according to the installation need.

Model		AH16NAHAAA AV16NATAAA	
Capacity	Cooling	Btu/h	136500
		kW	40
	Heating	Btu/h	136500
		kW	40
	Rated power input	kW	15.50/14.00
Air flow	Power supply	Ph/V/Hz	3/380~415/50
	EER	W/W	2.58/2.86
	Static pressure	Pa	200
Noise level	Air volume (H)	m³/h	7500
	Indoor	dB(A)	65
Net dimensions	Outdoor	dB(A)	65
	Indoor(W/D/H)	mm	1492/1761/707
	Outdoor(W/D/H)	mm	1390/750/1808
Shipping dimensions	Indoor(W/D/H)	mm	1632/1850/967
	Outdoor(W/D/H)	mm	1490/860/1990
Net weight	Indoor	kg	297/372
	Outdoor	kg	310/320
Gross weight	Gas	mm	28.58
	Liquid	mm	15.88
	Max pipe length	m	50
	Max drop	m	30
	Controller model		YR-E17



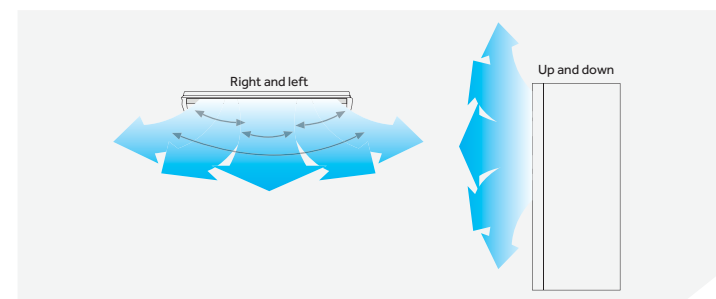


# CABINET TYPE

## Comfort

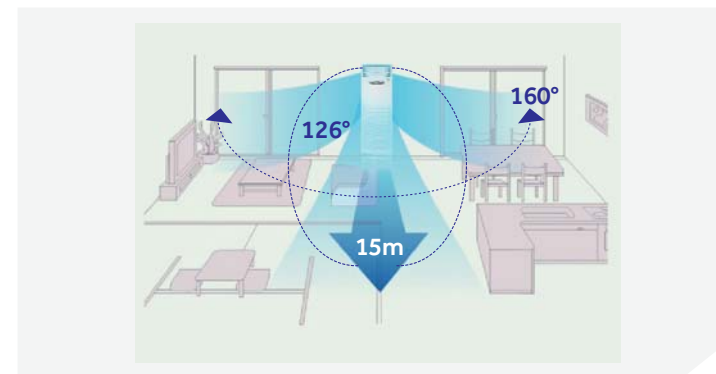
### 3D airflow

The cabinet type adopts two stepping motors to combines vertical and horizontal auto-swing to circulate cool/warm air to the every corner of the room.



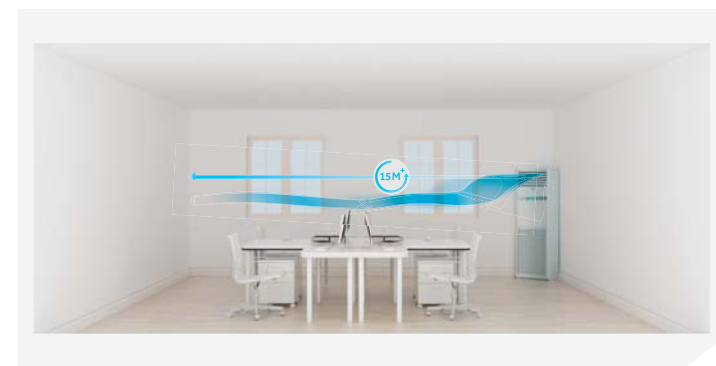
### Wide angle 160° air supply

Rounding 3-dimensional, 160 wide angle air sending, reach every corner of the room.



### 15m Long distance airflow

According to the requirement of office room and large parlor, 15m long distance.



## Comfort

### LCD display (60k)

Be displayed on the LCD screen, perfect design.



### Rounding natural air, keeping away from "air conditioner symptom"

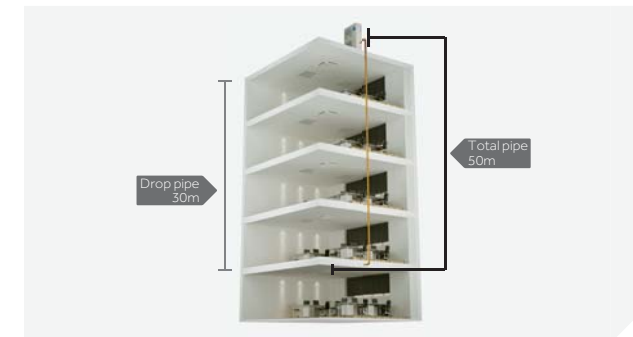
Apply innovative natural rounding air technology, simulating natural frequency spectrum, adjusting fan speed at random, three dimensions air scanning and natural air delivering, not blowing to human body, more convenient and comfort.



## Easy Installation

### Long pipe length & high height drop

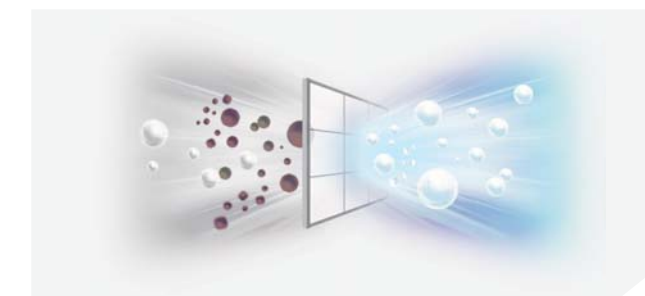
Long piping length (50m) & Large drop (30m), more flexible installation and design.



## Health

### High efficiency air purify filter

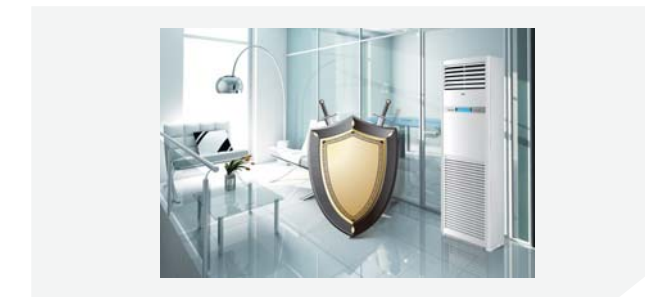
High efficiency air purify filter effectively prevents the smaller dust articles, insects and other materials.



## Reliability

### Reliable protection

The system has many protect functions to achieve reliable running: High-pressure protection; Low-pressure protection; Phase protection; Over-current protection.



### Child lock

After you set this function, the working statues can not be changed either by the remote controller or the touch screen, unless this setting is canceled.



CABINET TYPE



STANDARD FUNCTION



OPTIONAL FUNCTION



Different solutions for different purposes

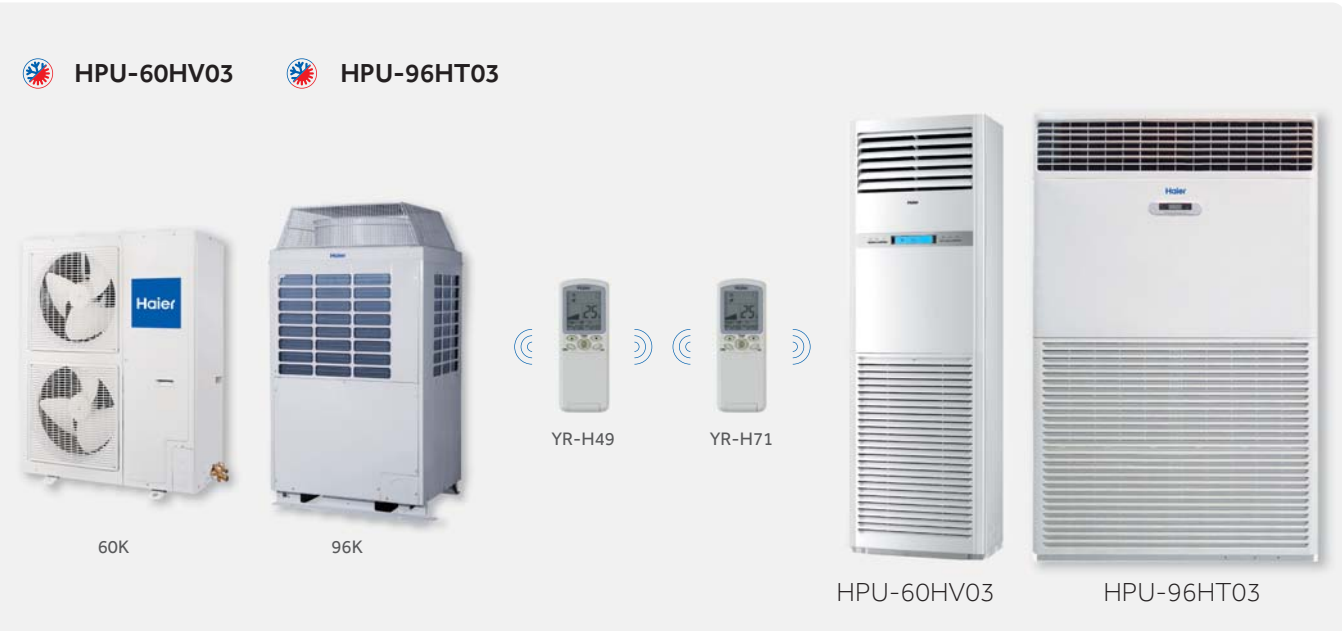
In cooling & heating big capacity requirement environment, Haier supplies different solutions for different purpose.

Self-diagnostic function

Failure codes clearly display detailed information for quick understanding of failure areas.

Model			HPU-48HJ03	HPU-48HN03
Capacity	Cooling	Btu/h	45700	48100
		kW	13.4	14.1
	Heating	Btu/h	49450+6820	51100
		kW	14.5+2(electrial heater)	15
	Power input	kW	5.25/5.23	4.42/4.55
Air flow	Power supply	Ph/V/Hz	3/380-415/50	3/380-415/50
	EER	W/W	2.55/2.77	3.19/3.3
	Air volume (H)	m³/h	1560	1750
Noise level	Indoor	dB(A)	54	49/46/42
	Outdoor	dB(A)	62	59
Net dimensions	Indoor(W/D/H)	mm	530/340/1820	530/380/1820
	Outdoor(W/D/H)	mm	1008/410/830	960/340/1250
Shipping dimensions	Indoor(W/D/H)	mm	620/420/1920	625/465/1965
	Outdoor(W/D/H)	mm	1130/490/930	1095/410/1400
Net weight	Indoor	kg	52/61	55/64
	Outdoor	kg	93/103	97/107
Gross weight	Gas	mm	19.05	19.05
	Liquid	mm	9.52	9.52
	Max pipe length	m	30	50
	Max drop	m	15	30
	Controllor model		YR-H71	YR-H005

CABINET TYPE



STANDARD FUNCTION



OPTIONAL FUNCTION



Double compressor design

Low interference to the electricity net.

Long pipe length, high height drop

Long piping length (50m) & Large drop (30m), more flexible installation and design.





















Large air volume design

The air volume can reach to 4500m³/h

Model			HPU-60HV03	HPU-96HT03
Capacity	Cooling	Btu/h	53200	93100
		kW	15.6	27.3
	Heating	Btu/h	55600	103300
		kW	16.3	30.3
	Power input	kW	5.43/5.30	10.54/11.34
Air flow	Power supply	Ph/V/Hz	3/380-415/50	3/380-415/50
	EER	W/W	2.87/3.07	2.59/2.67
	Air volume (H)	m³/h	1750	4500
Noise level	Indoor	dB(A)	55	54
	Outdoor	dB(A)	59	64
Net dimensions	Indoor(W/D/H)	mm	600/350/1850	1210/325/1850
	Outdoor(W/D/H)	mm	960/340/1250	990/750/1808
Shipping dimensions	Indoor(W/D/H)	mm	691/425/1986	1350/550/2040
	Outdoor(W/D/H)	mm	1095/415/1400	1090/860/1990
Net weight	Indoor	kg	62/65	109/122
	Outdoor	kg	101/114.2	230/245
Gross weight	Gas	mm	19.05	19.05*2
	Liquid	mm	12.7	9.52*2
	Max pipe length	m	50	50
	Max drop	m	30	30
	Controllor model		YR-H49	YR-H71






















# BENEFITS

SERIES	MODEL	COMFORT									ENERGY SAVING	HEALTH	CONVENIENT			DESIGN						
		 Sleep mode	 Left & Right airflow	 3D comfortable airflow	 Quiet operation	 Wide-angle airflow	 Far distance air supplying	 Auto-swing	 4-way airflow		 High performance compressor	 Clean air	 Autorestart	 3 minutes protection	 24 hours timer	 Compact design	 Easy clean design	 Quick & Easy installation	 Two-way pipe connection	 Drain water pump	 LED display	 LCD display
4-way cassette HBU*	HBU-18CA03T3	✓						✓	✓			✓	✓	✓	✓	✓	✓		✓			
	HBU-18HF03	✓						✓	✓			✓	✓	✓	✓	✓	✓		✓			
	HBU-24CA03T3	✓						✓	✓			✓	✓	✓	✓	✓	✓		✓			
	HBU-28HH03	✓						✓	✓			✓	✓	✓	✓	✓	✓		✓			
	HBU-36CA03T3	✓						✓	✓			✓	✓	✓	✓	✓	✓		✓			
	HBU-36HH03	✓						✓	✓			✓	✓	✓	✓	✓	✓		✓			
	HBU-48CH03	✓						✓	✓			✓	✓	✓	✓	✓	✓		✓			
	HBU-48HJ03	✓						✓	✓			✓	✓	✓	✓	✓	✓		✓			
	HBU-48CF03	✓						✓	✓			✓	✓	✓	✓	✓	✓		✓			
	HBU-60CA03T3	✓						✓	✓			✓	✓	✓	✓	✓	✓		✓			
	HBU-18CS03	✓						✓	✓		✓	✓	✓	✓	✓	✓	✓		✓			
	HBU-24CS03	✓						✓	✓		✓	✓	✓	✓	✓	✓	✓		✓			
	HBU-48CS03	✓						✓	✓		✓	✓	✓	✓	✓	✓	✓		✓			
Convertible HCFU*	HCFU-12CS03	✓	✓	✓		✓		✓				✓	✓	✓	✓							
	HCFU-18CS03	✓	✓	✓		✓		✓				✓	✓	✓	✓							
	HCFU-25CS03	✓	✓	✓		✓		✓				✓	✓	✓	✓							
	HCFU-30CS03	✓	✓	✓		✓		✓				✓	✓	✓	✓							
	HCFU-36CS03	✓	✓	✓		✓		✓				✓	✓	✓	✓							
	HCFU-36CT03	✓	✓	✓		✓		✓				✓	✓	✓	✓							
	HCFU-40CS03	✓	✓	✓		✓		✓				✓	✓	✓	✓							
	HCFU-40CT03	✓	✓	✓		✓		✓				✓	✓	✓	✓							
	HCFU-36HH03	✓	✓	✓		✓		✓				✓	✓	✓	✓							
	HCFU-48CH03	✓	✓	✓		✓		✓				✓	✓	✓	✓							
	HCFU-48HL03	✓	✓	✓		✓		✓				✓	✓	✓	✓							
	HCFU-60HI03	✓	✓	✓		✓		✓				✓	✓	✓	✓							
Slim low ESP duct HDU*	HDU-09CS03	✓			✓							✓	✓	✓	✓	✓			✓			
	HDU-09HS03	✓			✓							✓	✓	✓	✓	✓			✓			
	HDU-12CS03	✓			✓							✓	✓	✓	✓	✓			✓			
	HDU-12HS03	✓			✓							✓	✓	✓	✓	✓			✓			
	HDU-18CS03	✓			✓							✓	✓	✓	✓	✓			✓			
	HDU-18HS03	✓			✓							✓	✓	✓	✓	✓			✓			
	HDU-24CS03	✓			✓							✓	✓	✓	✓	✓			✓			
	HDU-24HS03	✓			✓							✓	✓	✓	✓	✓			✓			

✓ : Standard













# BENEFITS

Series	Model	COMFORT									ENERGY SAVING	HEALTH	CONVENIENT			DESIGN							
		 Sleep mode	 Left & Right airflow	 3D comfortable airflow	 Quiet operation	 Wide-angle airflow	 Far distance air supplying	 Auto-swing	 4-way airflow		 High performance compressor	 Clean air	 Auto restart	 3 min 3 minutes protection	 24 hours timer	 Compact design	 Easy clean design	 Quick & Easy installation	 Two-way pipe connection	 Drain water pump	 LED display	LCD display	
Low ESP duct HDU*	HDU-18CA03T3	✓									✓	✓	✓	✓	✓		✓	✓					
	HDU-18HF03	✓									✓	✓	✓	✓	✓		✓	✓					
	HDU-24CA03T3	✓									✓	✓	✓	✓	✓		✓	✓					
	HDU-28HF03	✓									✓	✓	✓	✓	✓		✓	✓					
Medium ESP duct HDU*	HDU-36CA03T3/H	✓									✓	✓	✓	✓				✓					
	HDU-36HH03/H	✓									✓	✓	✓	✓				✓					
	HDU-48CJ03/H	✓									✓	✓	✓	✓				✓					
	HDU-48CL03/H	✓									✓	✓	✓	✓				✓					
	HDU-48HL03/H	✓									✓	✓	✓	✓				✓					
	HDU-60CA03T3/H	✓									✓	✓	✓	✓									
	HDU-60HI03/H	✓									✓	✓	✓	✓									
High ESP duct HDU*	HDU-96CT03/H	✓									✓	✓	✓	✓									
	HDU-96HT03/H	✓									✓	✓	✓	✓									
	AH16NAHAAA	✓									✓	✓	✓	✓									
Cabinet HPU*	HPU-24CP03	✓	✓								✓	✓	✓	✓									
	HPU-36CA03T3	✓	✓								✓	✓	✓	✓									
	HPU-48CJ03	✓	✓				✓				✓	✓	✓	✓									
	HPU-48HJ03	✓	✓				✓				✓	✓	✓	✓									
	HPU-48CK03	✓	✓				✓				✓	✓	✓	✓									
	HPU-48CN03	✓	✓	✓	✓	✓	✓				✓	✓	✓	✓		✓				✓			
	HPU-48HN03	✓	✓	✓	✓	✓	✓				✓	✓	✓	✓		✓				✓			
	HPU-60CA03T3	✓	✓				✓				✓	✓	✓	✓							✓		
	HPU-60HV03	✓	✓				✓				✓	✓	✓	✓							✓		
	HPU-96CT03	✓	✓				✓				✓	✓	✓	✓									
	HPU-96HT03	✓	✓				✓				✓	✓	✓	✓									

✓ : Standard



# CONTROL SYSTEM

Controller	Design	Model	Functions	For what uints (Standard)	For what uints (Option)
Infrared controller		YR-H005	On/Off, Mode, Fan speed, Temperature setting, Swing Individual control Mode: one button solution, Cool, Heat, Dry, Quite. Timer Clock	4-Way cassette type Convertible type (except high efficiency series) Cabinet type	Duct type (except 16HP duct)
Wired controller		YR-E20	On/Off, Mode, Fan speed, Temperature setting, Swing. Individual & Group control (Max 16 indoor units) DC circuit Simple and Smart design, 86*86*13.05mm Touch button with back light Timer /Clock Easy installation, user friendly	High efficiency Convertible type Duct type	/
		YR-E15	On/Off, Mode, Fan speed, Temperature setting, Swing. Individual & Group control (Max 16 indoor units) DC circuit Ambient temp. display Self-inspection Filter sign Timer/ Clock	Duct type Low ESP duct	4-way Cassette Type
		YR-E16(A)	*Single unit control *Group control, max.16 units *Weekly timer *Clock *Temperature, fan speed, fan direction	/	All
		YR-E17	*86x86mm,same size with the switch; thickness only13.05mm, super slim *Touch screen, back up light *Easy installation, user friendly	16HP duct	Convertible Type (except high efficiency series)
Adapter (Detector)		RE-01	Infrared signal receiver Realize the remote control of Duct type indoor unit DC circuit	/	28/36/48/60K duct
		RE-02	Infrared signal receiver Realize the remote control of Duct type indoor unit AC circuit	/	Slim duct& low ESP duct 09/12K
		YCJ-A002	Super Match can be controlled together with MRV in one system.	/	All
Wifi		KZW-W001	Remote control: On/Off, Mode, Fan speed, Temperature setting, Swing. Individual & Group control (Max 16 indoor units) Cloud adaptation Weekly timer A YCJ-A002 is required on some certain indoor units"	/	All
Central controller		YCZ-A003	Individual control, Group control & Central control (Max 128 indoor units) Touch screen with back light Schedule control Error display * Must be used in combination with an IGU05 for each system. (Max. 32 sets)	/	All
		YCZ-G001	Individual control, Group control & Central control (Max 32 indoor units) Large touch key Weekly timer Unit name & Group name free setting. Four background available (mall, hotel, office, home) Error display * Must be used in combination with an IGU05 for each system (Max. 16 sets)	/	All
		YCZ-A004	Individual control, Group control & Central control (Max. 256 indoor units) 7-inch TFT LCD touch screen with back light Schedule control Indoor units' information edit Historical data backup	/	All

Haier