

## Small House Great Life

For small and medium-sized houses, we often feel the space is crowded and not enough for use. But now, EK has customized an innovative air conditioner for small houses to change the situation that central air conditioner is exclusively designed for villas. EK helps make your apartment look more stylish.

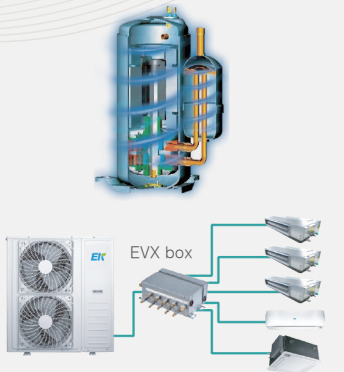


### Saving Space and Energy

The core of energy saving---By combining the usage requirements of air conditioner of small and medium-sized houses, EK has designed the new Air Super Series of Inverter VRF Central Air Conditioner which is characterized by small capacity, short pipe length and few elevation difference between IDU and ODU. With the help from adaptive inverter DC rotor compressor, this machine can create comfortable space easily, and meanwhile its performance is improved greatly to save energy.

VRF - One ODU can be connected with 5 IDU at most to meet the space requirements of most small and medium-sized houses, which means we can control different rooms flexibly in door through multi-connected air conditioner. By this way, it not only provides easy handling and energy-saving, but also saves money.

Green and Environmental Protection---Air Super Series of Inverter VRF Central Air Conditioner adopts R410A refrigerants to guarantee higher cooling and heating efficiency, improve the energy utilization of system and save electricity consumption. Meanwhile, as a way of actively responding to the European RoHS Directive, it won't damage the atmospheric ozone layer and thus can bring us comfortable feelings and protect the nature.



## Easy Life Big Idea

In order to live a comfortable and easy life, we need creative ideas to "slim" the electric appliance so that it won't occupy huge space and subsequently, we can lay out our home at will.

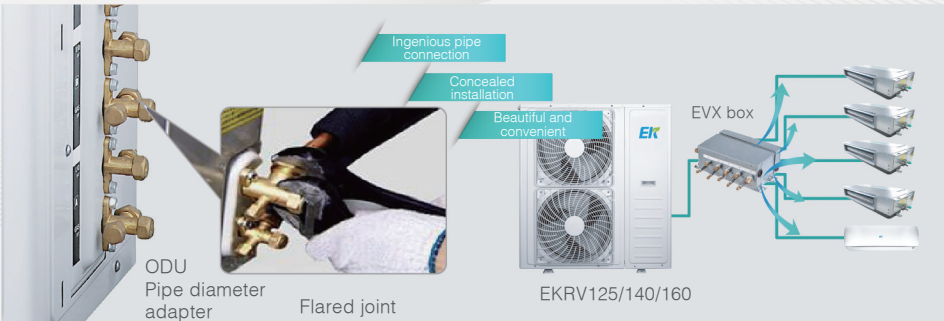


#### 190mm ultra-thin body

IDU can easily satisfy the installing requirements of ceiling. Release the space for home furthest. All components adopt concealed installation to reduce the oppressing sensation from the room. No matter how the decoration style is changed, EK can be matched as you want. Fit various decoration styles and keep the wall and floor neat and tidy.

#### 640mm minimum ODU height design

By making full use of narrow space, it can be installed below the bay window, not higher than 950mm at most, without occupying any space of balcony. We will no longer worry that the air-conditioner would take the place of flowers and plants and our life becomes more delicate and comfortable.



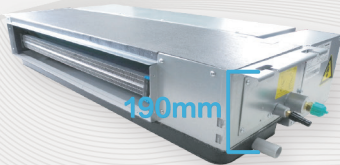
Air super, made for aesthetics, pursues beauty in every detail. IDU and ODU are connected by flared ends of multi-set copper pipes, without any open-flame welding. Its one-piece pipe diameter adapter is directly connected with the ODU body, ensuring safety and convenience. Meanwhile, the installation cost can be saved and the installation period is shortened as well.

Through introducing the EVX box, we can guarantee one main pipeline for one house and reduce the usage amount of cooper pipes to make the building much beautiful. Usually, one EVX box can be connected to five rooms, and all pipes will be concealed. The connecting pipe length is increased greatly to make the installation of ODU more flexible.

## High-quality Air Conditioner Exquisite Design

Air super series originating from European design introduces the simplified European style to every house in which 3 IDUs can flexibly handle various decoration styles and living environment and greatly improve the space utilization. Better life starts from our exquisite design.

### (1) Ultra-thin Low Static Pressure IDU



**Slim body**  
With full galvanized steel sheet, it has strong corrosion resistance and fire protection, non-aging, safe and reliable. Having two types of static pressure (10/30Pa), it can be adapted to different sizes of standard equipped float switches. With such functions as leak stoppage and smart alarm, it ensures safer usage.

### (2) Wall Mounting-type IDU



**Slim body**  
With fine arc-shaped panel, it will improve your taste of home. Supplying air from a wide angle, it makes you feel comfortable everywhere.

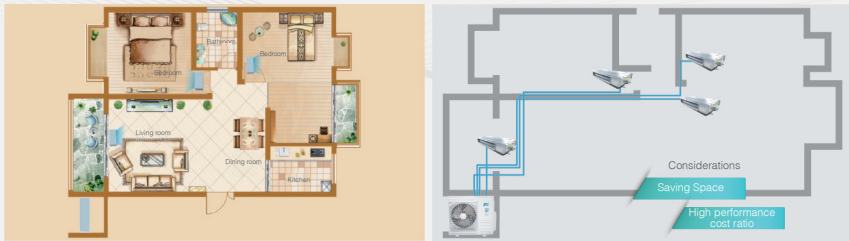
### (3) Embedded IDU



**Slim body**  
Adopting a new panel, it shows high-end and high-quality properties. Standard equipped float switches, and leak-proof Smart alarm More safe usage

## EK designs space for users

### Customer Mr Li Two bedrooms and two halls



Suggestions from EK smart home: Air Super Series of Inverter VRF Central Air Conditioner (EKR100HR1)+Ultrathin air duct IDU

Customer satisfaction: ★★★★★

**User experience: "IDU is installed in ceiling concealingly, not occupying any space; The installation is convenient because only one ODU is required. Our house is not big, so we choose Air Super Series of Inverter VRF Central Air Conditioner to save space."**

Room	Master bedroom	Subaltern room	Living room	Dining room
Capacity (KW)	3.5	2.6	5.0	
Acreage (M <sup>2</sup> )	16	11	28	
Scheme	EKR100HR1 (ODU) + EKCC035HD1 + EKCC026HD1+ EKCC050HD1			

### Customer Mrs Zhang Three bedrooms and two halls



Suggestions from EK smart home: Air Super Series of Inverter VRF Central Air Conditioner (EKR125HR1)+Ultrathin air duct IDU

Customer satisfaction: five stars ★★★★★

**User experience: "I choose the scheme of "Air Super Series of Inverter VRF Central Air Conditioner (EKR125HR1) + Ultrathin air duct IDU" on the recommendation of the designer. The ODU can be connected with 5 IDUs, so we just need one ODU to meet our demands for air conditioning. The ultrathin air duct IDU is installed in ceiling concealingly, which would not influence our indoor decoration and instead, adds beauty for our house. "**

Room	Master bedroom	Subaltern room	Subaltern room	Living room	Dining room
Capacity (KW)	3.5	2.6	2.6	5.0	
Acreage (M <sup>2</sup> )	18	13	10	33	
Scheme	EKR125HR1 (ODU) + EKCC035HD1 + 2*EKCC026HD1+ EKCC050HD1				



Focus  
EK

EUROKLIMAT, established in 1963 in Milan, Italy, has been pursuing professional skills and after a half century of innovation and exploration, it has become the synonym of energy-saving air conditioning. Its staff and sub-brand **EK** have been committed to creating high air quality and great comfort for residential houses with creative spirit to inspire our life.

Air Super Series of Inverter VRF Central Air Conditioner is characterized by innovation concept, simplified style and European-style design and aims to create comfortable living space. It provides you with a better air environment and improves your overall house decoration style, creating an exquisite, fashionable and humanized home.

## EK Air Conditioner, Creating Ideal Living Space

Life cannot be measured,  
but it needs a delicate  
and exquisite living style.

Small space, great comfort

We create better  
space by virtue of  
our professional skills.

Let's improve your  
home together.



Air Super Series of Inverter VRF Central Air Conditioner

### ODU Parameters

Model		EKRV100HR1-AK-A	EKRV125HR1-AK-A	EKRV140HR1-AK-A	EKRV160HR1-AK-A
Power Supply		220V~/50Hz			
Cooling	Cooling Capacity (KW)	10	12.5	14	15.5
	Rated Power (KW)	3.37	4.5	4.6	5.75
Heating	Heating Capacity (KW)	11	13.8	16	18
	Rated Power (KW)	3.1	4	5.05	5.83
Net/Gross Weight (kg)		67/77	82/96	103/116	103/116
Running Sound dB(A)		60	60	60	60
Refrigerant		R410A	R410A	R410A	R410A
Gas Pipe/Liquid Pipe (mm)		(9.25/6.35) x 4	15.88/9.52	15.88/9.52	15.88/9.52
Maximum pipe length of single way of IDU and ODU (m)		Single pipe 25/Total length 70 ODU to EVX box 30/EVX box to IDU 30			
Maximum elevation difference between IDU and ODU (m)		15	20/30	20/30	20/30
Number of Connectable IDUs		4	5	5	5
Dimensions (W×H×D) (mm)		950 x 840 x 340	950 x 1050 x 340	950 x 1386 x 340	950 x 1386 x 340

Note: Owing to the product improvement, the parameters of product may be changed without prior notice. For specific parameters, see the parameters on the product nameplate.



EK- Smart Home  
Official WeChat  
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Air Super Series of Inverter VRF Central Air Conditioner

### IDU Parameters

Model		EKCC026HD1-CAK	EKCC035HD1-CAK	EKCC050HD1-CAK	EKCC063HD1-CAK	EKCC071HD1-CAK	EKBG026HD1-YAK	EKBG035HD1-YAK	EKBG050HD1-YAK	EKCC050HD1-PYAK
Form of IDU		Ultra-thin Low Static Pressure Type					Wall Mounted Type		Embedded Type	
Power Supply		220V 50-hz								
Cooling	Cooling Capacity (KW)	2.6	3.5	5	6.3	7.1	2.6	3.5	5.6	5
	Rated Power (KW)	0.05	0.05	0.07	0.15	0.15	0.03	0.04	0.04	0.07
Heating	Heating Capacity (KW)	3.0+1.0	3.85+1.0	5.5+1.6	7.2+2.0	8.0+2.0	3.0+0.8	4.0+0.8	6.0+0.8	5.5+1.5
	Rated Power (KW)	0.05+1.0	0.05+1.0	0.07+1.6	0.15+2.0	0.15+2.0	0.03+0.8	0.04+0.8	0.04+0.8	0.07+1.5
Blast Capacity (m³/h)		510	510	850	1000	1000	520	560	800	800
Net/Gross Weight (kg)		18.5/22.5	18.5/22.5	26/30	26/30	26/30	9.5/12.5	9.5/12.5	15/18	20/27
Running Sound dB(A)		25/29/35	25/29/35	30/35/41	30/39/44	30/39/44	22-38	22-39	30-42	39/42/46
Gas Pipe/Liquid Pipe (mm)		9.52/6.35	9.52/6.35	12.7/6.35	12.7/6.35	12.7/6.35	9.52/6.35	9.52/6.35	12.7/6.35	12.7/6.35
Connecting Drain Pipe Specification (mm)		Inner Diameter ø25					Inner Diameter ø18		Inner Diameter ø21	
Optional Controller		Drive-by-wire/Remote Control					Remote Control		Drive-by-wire/ Remote Control	
Dimensions (W×H×D) (mm)		900×190×447	900×190×447	1170×190×447	1170×190×447	1170×190×447	808×270×205	808×270×205	1116×350×195	650×270×570 650×650×30 (Panel)

Note: Owing to the product improvement, the parameters of product may be changed without prior notice. For specific parameters, see the parameters on the product nameplate.EKCC063HD1 and EKCC071HD1 can only be used with EKR125HR1.

EK-Air Super 1706-Catalog-AA

Print in China 17B

Air super Series  
Inverter VRF Central Air Conditioner

Creative spirit,  
Inspirit life

# Air super Series Inverter VRF Central Air Conditioner

Delicacy + Exquisiteness  
Completely Improving Style



Delicate/Fashionable/  
Humanized

Air-conditioning Enjoyment for  
Small and Medium-sized Houses

Exquisite / Eashion / Humanize



www.euroklimat.com