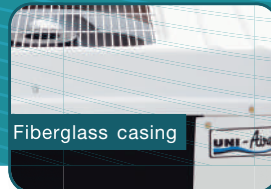




casing condensing unit

Fiberglass casing

Seaside area



Fiberglass casing



Green Guard / Copper Fin (Option)



Vertical ventilation

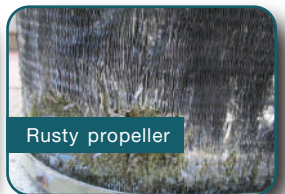
## Air Conditioner Model : UFQ/AKQ

Natural purified cool fresh air available in floor and ceiling - mounted in one unit Fiberglass casing condensing unit Rust - Free. Durable in seaside area and highly acidic factory environment.

Corrosion on cast steel condensing unit with regular aluminum fin



Case damaged by rust



Rusty propeller

## New Environmental-friendly R32 refrigerant



- Enhanced cooling capacity
- Fast cooling
- Higher energy saving

- Zero Ozone Depletion Potential (ODP)
- 3 times lower Global Warming Potential (GWP) than R22

## Fan coil unit Model : UFQ

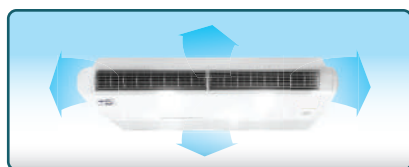
**Durable material**  
casing made from high - quality metal sheet, coated with anti - oxidation white powder coated

**Large Dust Filters**  
Reduce large dust particles from room environment, easy to clean with warm water

**Copper tube**  
Inner Groove Copper Tube increase heat exchanger surface

**Hydrophilic Coil**  
Blue fin coated evaporator coil provides hydrophobic property for bad odor and mold reducing. Energy saving and last longer than normal fins.

**Carbon Filter (Option)**  
Filter made from carbon for bad odor elimination



**Manually adjustable air vent in 4 directions left - right & upper - lower**



**Deliver cool air in wide area including area below the unit**



**Ceiling Mounted**



**Floor Mounted**

**Available in floor mounted and ceiling mounted in one unit**



### 4 Speed Motor

4 speeds adjustable wind blow Turbo-High-Medium-Low For Turbo cool or Quiet cool.



### Turbo Fan

Powerful turbo motor delivers coolness to the room quickly yet quietly.

## Other features



### Auto Restart

Air conditioning system turns on automatically after electricity supply returns from a power failure. the system also memorizes every setting before the outage.



### 3 Minute Time Delay

Prevent damage to the compressor from voltage sag or power failure.

**Thermostat**



**standard equipment**

**Digital wired thermostat**

Modern-designed, easy-to-use digital wired thermostat with LCD display. Can be used as a control signal receiver from wireless remote controller

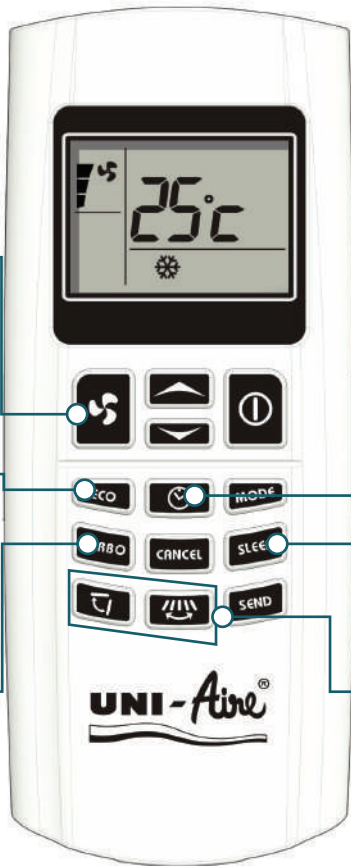
**optional**

**Wireless digital thermostat**

**4 Speed Motor**  
4 speeds adjustable wind blow  
Turbo - High - Medium - Low  
For Turbo cool or Quiet cool.

**ECO Mode**  
Power saving by automatically  
setting temperature at 25 °C

**Turbo Fan**  
Powerful turbo motor delivers  
coolness to the room  
quickly yet quietly.



**Timer On / Off**  
24-hour timer for turning on or  
turning off the air conditioning  
system

**Sleep Mode**  
Adjust suitable temperature for  
sleeping time

**4 Directional airflow**  
Manually adjustable air vent in  
4 directions left - right & upper -  
lower (Can not be used)

**optional**



**Wired digital remote controller WIFI**

With WIFI controller, multiple units in a same or different area can be operated from anywhere through internet connection



Residence



Hotel



Office



Other places



## Condensing Unit Model : AKQ (Fiberglass casing)

**Fiberglass casing condensing unit**  
Rust - Free. Durable in seaside area and highly acidic factory environment.



**With International standard quality guaranteed by customers over 70 countries**

### SPECIFICATION MODEL : UFQ / AKQ

SPECIFICATION MODEL : UFQ / AKQ										
Nominal Cooling Capacity (BTU/Hr)	12,000	18,000	25,000	30,000	36,000	36,000	40,000	50,000	60,000	
SEER (BTU/Hr / Watt)	11.02	11.05	11.05	11.05	11.05	11.05	11.05	11.56	11.02	
COP (Watt / Watt)	3.04	3.05	3.05	3.05	3.05	3.05	3.05	3.19	3.04	
Power Consumption (Watt)	1,184	1,138	2,393	2,820	3,475	3,475	3,869	4,615	5,801	
Rated Operation Current (Amp.)	5.10	7.50	10.30	12.20	15.00	5.90	6.60	8.27	10.16	
Power Supply (Volt/Phase/Hz)	220/1/50					380/3/50				
TIS Standard (มาตรฐาน ทอท. 2134-2553)								-	-	
TIS Standard (มาตรฐาน ทอท. 1529-2561)										
Fan Coil Unit	Model : UFQ	UFQ-12F	UFQ-18F	UFQ-25F	UFQ-30F	UFQ-36F	UFQ-36F	UFQ-40F	UFQ-50F	UFQ-60F
	Type	Floor & Ceiling Type								
Rated Air Flow at High Speed (CFM)	400	600	800	1,000	1,200	1,200	1,400	1,600	2,000	
Fan Type	Multi Blade Centrifugal Type									
Evaporator Coil Type	Aluminium Louver Fin (Hydrophilic Coated) with Inner Grooved Copper Tube									
Expansion Device Type	Capillary Tube									
Control Type	Wired Digital or Wireless Remote Control									
Air Filter Type	Washable PP. Net									
Drain Connection (Inch)(OD)	3/4									
Dimension (W x D x H) (mm.)	729x243x623	978x243x623	1,278x243x623			1,578x273x623			1,878x273x623	
Weight (kgs.)	26	34	47	48	62		66	68	80	
Condensing Unit	Model : AKQ	AKQ-12FB	AKQ-18FB	AKQ-25FB	AKQ-301FB	AKQ-361FB	AKQ-363FB	AKQ-403FB	AKQ-503FX	AKQ-603FX
	Type	Vertical Air Flow								
Fan Type	Propeller Fan									
Condenser Coil Type	Aluminium Louver Fin with Inner Grooved Copper Tube									
Compressor Type	Rotary							Scroll		
Refrigerant Type	R-32 (Holding Charge)									
Pipe Connection	Suction Line (Inch)(OD)	1/2	5/8			3/4				
	Liquid Line (Inch)(OD)	3/8						1/2		
Dimension (W x D x H) (mm.)	835 x 594 x 481			835 x 594 x 710			835 x 594 x 812			
Weight (kgs.)	43	45	59	63	70		82	91	96	

Cooling Capacity based on 27 °CDB. 19 °CWB. Air on evaporator coil and 35 °CDB. Air on Condenser

Specifications are subjected to change without notice for future improvement.



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