



casing condensing unit

Fiberglass casing

Seaside area



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



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

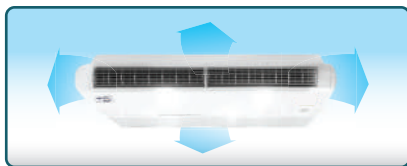
Durable material
casing made from high - quality metal sheet, coated with anti - oxidation white powder coated

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.

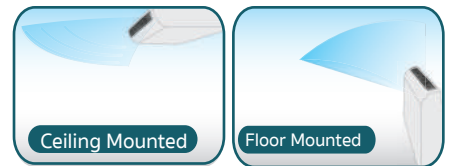
Carbon Filter (Option)
Filter made from carbon for bad odor elimination



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



Deliver cool air in wide area including area below the unit



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

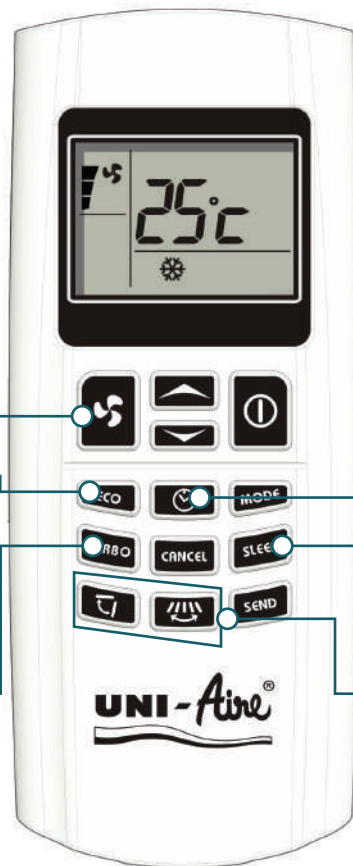
optional

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

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 มอก. 2134-2553)									-	-	
TIS Standard (มาตรฐาน มอก. 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.)	729 x 243 x 623	978 x 243 x 623	1,278 x 243 x 623		1,578 x 273 x 623		1,578 x 273 x 623		1,878 x 273 x 623	
Weight	(kgs.)	26	34	47	48	62	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.



ISO 9001
ISO 14001
ISO 45001



Quality Product
Manufacture by
Member of
The Federation
of Thai Industries



THAILAND
ENERGY
AWARDS



PRIME MINISTER'S AWARD
• BEST THAI BRAND
• BEST EXPORTER
• GERRN INNOVATION

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