

**UNI-Aire**<sup>®</sup>

Air Conditioning Experts

Uni-Aire Air Conditioner



R-32



TIS.2134



TIS.1529



TIS 17025



Wi-Fi Control



## Air Conditioner Model UFQ / AFQ

Natural purified cool fresh air available in floor and ceiling mounted in one unit

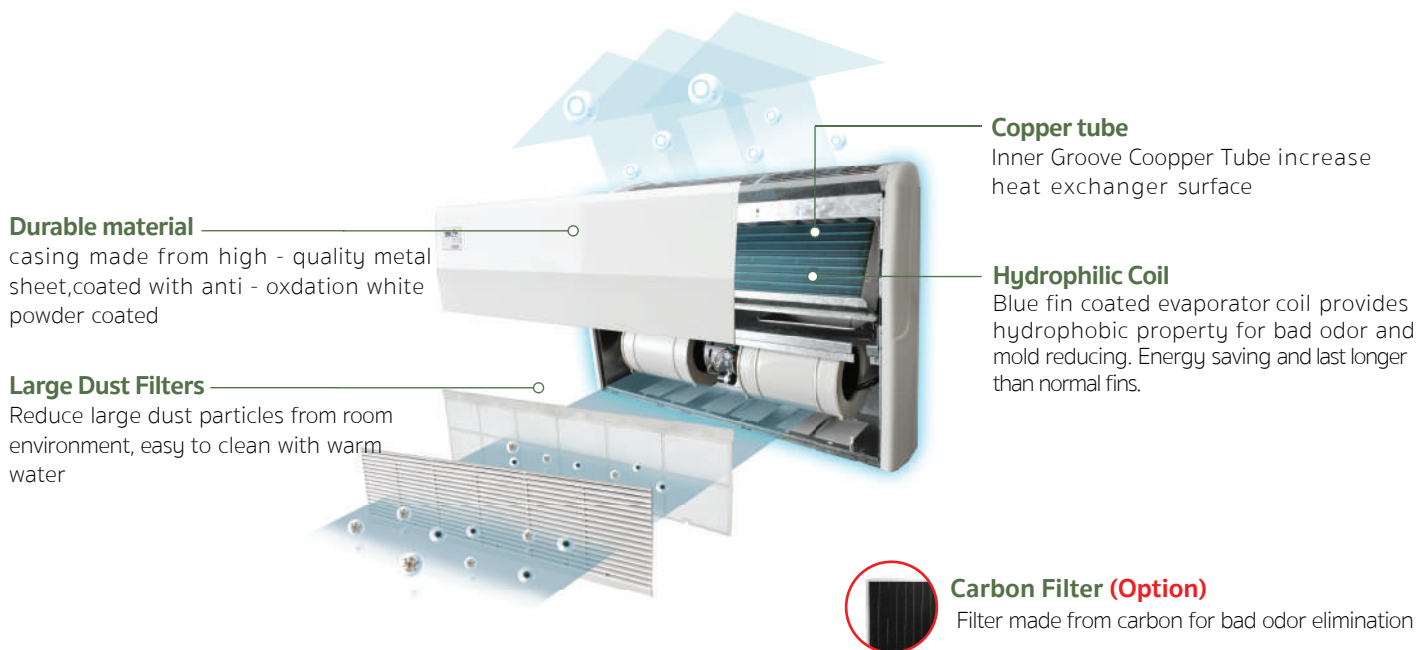
## New Environmental-friendly R32 refrigerant



- 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



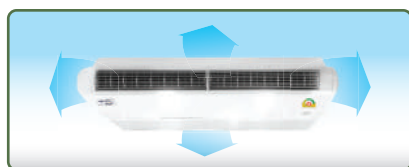
**Durable material**  
casing made from high - quality metal sheet, coated with anti - oxidation white powder coated

**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

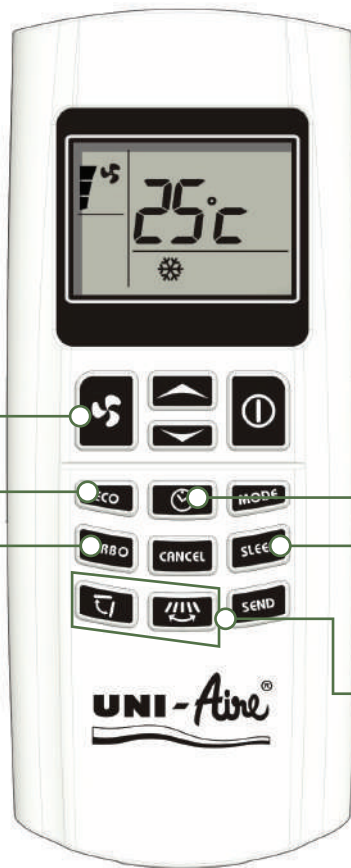
optional

### 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

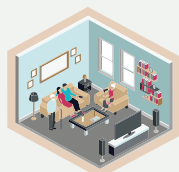
**4 Directional airflow**  
Intelligent airflow system. Auto swing  
louver for a better air flow, both vertical  
and horizontal directions.

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 : AFQ

Casing made from high - quality metal sheet, coated with anti - oxidation white powder coated. Durable with great heat transferred performance from advanced aerodynamic fan design. Compact size, easy installation in small space.



With International standard quality guaranteed by customers over 70 countries

### SPECIFICATION MODEL : UFQ / AFQ

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)	11.09	11.05	11.05	11.05	11.05	11.05	11.05	11.81	11.02	
COP	(Watt / Watt)	3.06	3.05	3.05	3.05	3.05	3.05	3.05	3.26	3.04	
Power Consumption	(Watt)	1,176	1,738	2,393	2,820	3,475	3,475	3,869	4,510	5,801	
Rated Operation Current	(Amp.)	5.10	7.50	10.30	12.20	15.00	5.90	6.60	8.06	10.15	
Power Supply	(Volt/Phase/Hz)	220/1/50					380/3/50				
TIS Standard (มาตรฐาน สท. 2134-2553)									-	-	
TIS Standard (มาตรฐาน สท. 1529-2561)											
Fan Coil Unit	Model	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	AFQ-12FB	AFQ-18FB	AFQ-25FB	AFQ-301FB	AFQ-361FB	AFQ-363FB	AFQ-403FB	AFQ-503FX	AFQ-603FX	
	Type	Horizontal 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.)	804 x 330 x 530	944 x 380 x 632		944 x 380 x 784		944 x 380 x 1,140				
Weight	(kgs.)	38	50	59	65	71		88	92		

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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