

**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

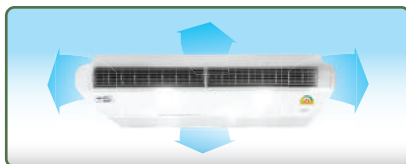
**Durable material**  
casing made from high - quality metal sheet, coated with anti - oxidation white powder coated

**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**



**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

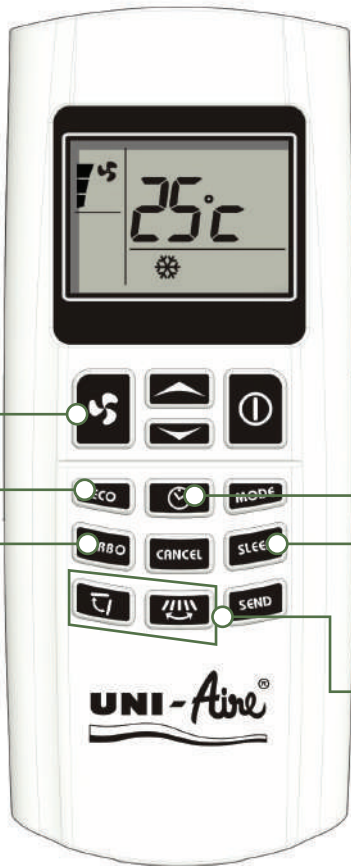
**optional**

**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 มอก. 2134-2553)									-	-	
TIS Standard (มาตรฐาน มอก. 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.)		729x243x623	978x243x623	1,278x243x623			1,578 x 273 x 623			1,878x273x623	
Weight (kgs.)		26	34	47	48	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.)		804x330x530	944x380x632			944x380x784			944x380x1,140		
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

Specications are subjected to change without notice for future improvement.



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