

UNI-Aire®

Air Conditioning Experts

Uni-Aire Air Conditioner



R-32



No.5



TIS.2134



TIS.1529



TIS 17025



Made in Thailand



Wi-Fi Control



INVERTER

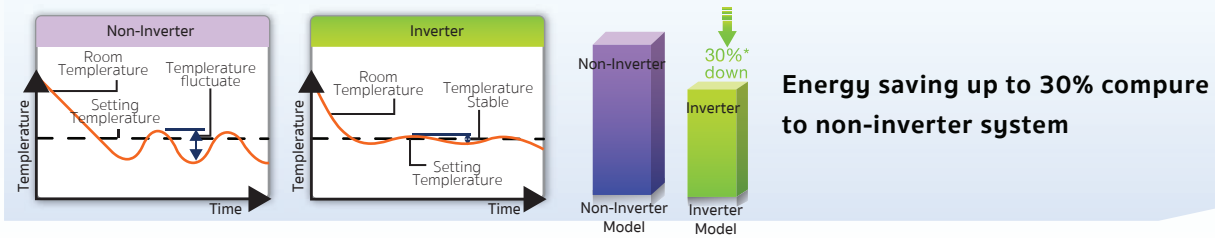
- FAST COOLING
- SAVING ENERGY WITH INVERTER SYSTEM
- ENVIRONMENTAL FRIENDLY



Air Conditioner Model UFID / AFI

Fill up room space quickly-cool air and higher energy saving with DC inverter system. Easy installation, either hang on the roof or sit on the floor.

DC INVERTER Technology for energy saving



New Environmental-friendly R32 refrigerant



- Enhanced cooling capacity
- Fast cooling
- Higher energy saving
- New 2017 EGAT's Label No.5 standard
- Zero Ozone Depletion Potential (ODP)
- 3 times lower Global Warming Potential (GWP) than R22

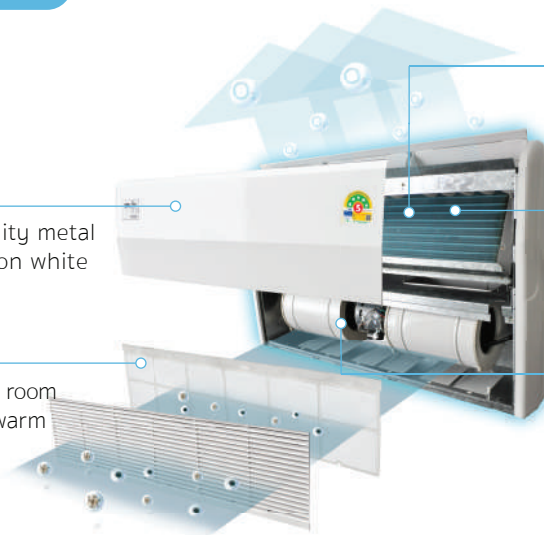
Fan coil unit Model : UFID

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 Cooper 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.

DC Motor

Technology in fancoil unit and Condensing unit, Higher energy saving and quietly more than AC Motor



4 Directional auto-swing air louver



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.



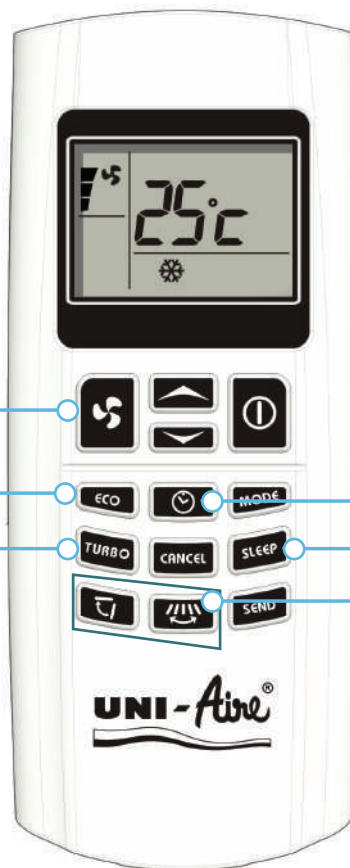
ECO Mode

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 : AFI

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.



SPECIFICATION MODEL : UFID / AFI										
Nominal Cooling Capacity (BTU/Hr)		13,149	18,047	25,206	30,393	36,084	40,312	50,300	60,000	
SEER (BTU/Hr / Watt)		19.92	19.33	17.25	16.67	18.05	17.63	16.79	17.27	
EER (Watt / Watt)		3.91	4.02	3.71	3.53	3.49	3.52	3.24	3.16	
Power Consumption (Watt)		986	1,314	1,989	2,523	3,034	3,356	4,549	5,450	
Rated Operation Current (Amp.)		4.71	6.32	9.87	11.87	14.32	16.24	7.73	9.10	
Power Supply (Volt/Phase/Hz)		220/1/50						380/3/50		
ENERGY EFFICIENT No.5 (มาตรฐาน เบอร์ 5)										
TIS Standard (มาตรฐาน มอก. 2134-2553)										
TIS Standard (มาตรฐาน มอก. 1529-2561)										
Fan Coil Unit	Model : UFID	13F	18F	25F-2B	30F	36F	40F	50F	60F	
	Type	Floor & Ceiling Type								
Rated Air Flow at High Speed (CFM)		450	600	800	1,000	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								
Control Type		Wired Digital or Wireless Remote Control								
Air Filter Type		Washable PP. Net								
Filter Dimension (Inch)(OD)		3/4								
Dimension (W x D x H) (mm.)		978 x 243 x 620		1,278 x 243 x 620		1,578 x 273 x 620		1,878 x 273 x 628		
Weight (kgs.)		35	36	47	50	64	72	72	80	
Sound Pressure Level (T/H/M/L) (dB(A))		47/44/39/36	51/47/43/41	55/53/51/45	56/54/50/43	61/57/51/46	63/58/52/48	64/60/53/49	66/61/54/50	
Condensing Unit	Model : AFI	13FL-1F	18FL	25FL	301FL-1F	361FL-1F	401FL	503FB	603FB	
	Type	Horizontal Air Flow								
Fan Type		Propeller Fan								
Condenser Coil Type		Aluminium Louver Fin with Inner Grooved Copper Tube								
Compressor Type		Rotary (Inverter)						Scroll (Inverter)		
Refrigerant Type		R-32 (Fully Charge)								
Expansion Device Type		Electronic								
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.)		944x380x632		944x380x784		944x380x936	944x380x1,140	944x380x1,140		
Weight (kgs.)		40	52	61	66	72	89	91	96	
Sound Pressure Level (dB(A))		57	57	61	64	67	68	70	71	

Cooling capacity based on 27°C DB, 19 °C WB air on evaporator coil and 35 °C DB air on condenser.

Specifications are subjected to change without notice for future improvement.

**Eurovent certified for model DAHH only.



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