

UNI-Aire®

Air Conditioning Experts

Uni-Aire Air Conditioner



INVERTER

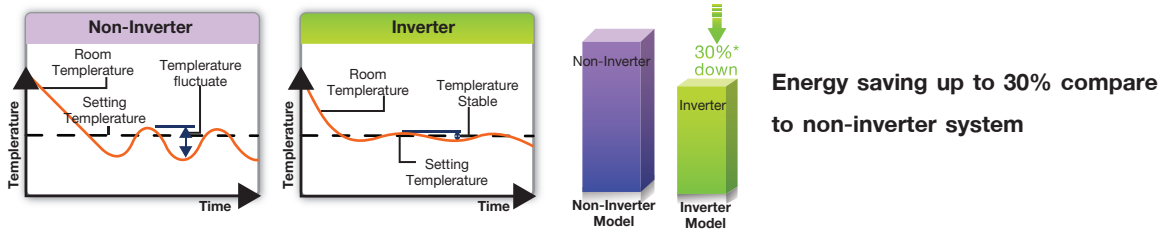
- FAST COOLING
- SAVING ENERGY WITH INVERTER SYSTEM
- ENVIRONMENTAL FRIENDLY



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 oor.

DC INVERTER Technology for energy saving



New Environmental-friendly R32 refrigerant



- Enhanced cooling capacity
- Fast cooling
- Higher energy saving
- New 2025 EGAT's Label No.5 standard
- Zero Ozone Depletion Potential (ODP)
- 3 times lower Global Warming Potential (GWP) than R22

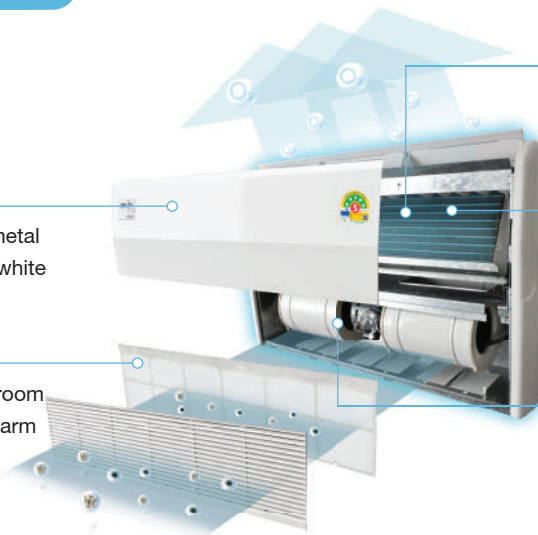
Fan coil unit Model : UFID

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 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.

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



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 airrow system. Auto swing louver for a better air ow, 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 transfer performance from advanced aerodynamic fan design. Compact size, easy installation in small space.



SPECIFICATION MODEL : UFID / AFI

| 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 |
| COP (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 | |
| EGAT CERTIFIED 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 | | | | | | | |
| Drain Connection (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.



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