

UNI-Aire®

Air Conditioning Experts

Uni-Aire Air Conditioner



Air Conditioner Model : UFM/AFV

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
- New 2017 EGAT's Label No.5 standard
- Zero Ozone Depletion Potential (ODP)
- 3 times lower Global Warming Potential (GWP) than R22

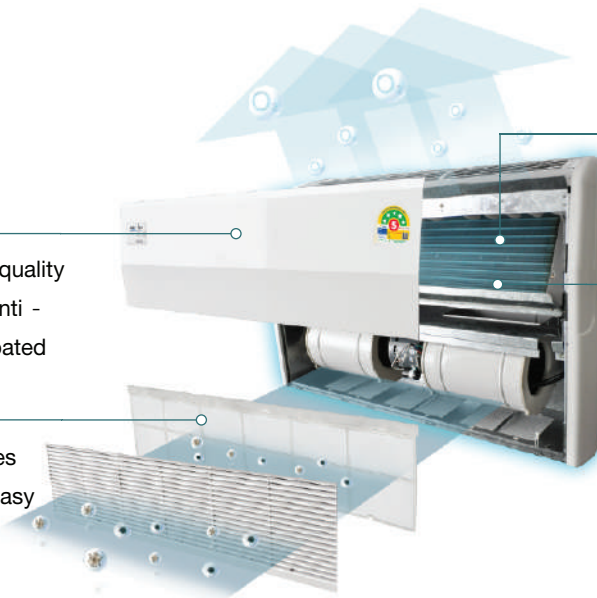
Fan coil unit Model : UFM

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

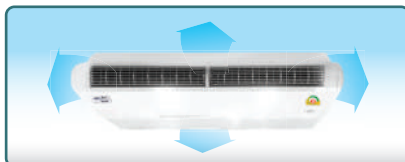


Copper tube

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.



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.

Condensing Unit Model : AFV

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 : UFM / AFV | | | | | | | | | | | | |
|--|--|----------------------|-------------------|-------------|-------------------|---------------|---------------|-------------------|---------------|-------------------|-------------|-------|
| Nominal Cooling Capacity (BTU/Hr) | 13,672 | 18,056 | 25,158 | 30,705 | 36,309 | 40,458 | 30,480 | 36,170 | 40,200 | 50,130 | 60,100 | |
| SEER (BTU/Hr / Watt) | 13.26 | 13.34 | 13.58 | 12.66 | 12.65 | 12.62 | 12.56 | 12.69 | 12.64 | 11.29 | 11.26 | |
| COP (Watt / Watt) | 3.66 | 3.56 | 3.59 | 3.44 | 3.50 | 3.45 | 3.49 | 3.50 | 3.49 | 3.12 | 3.11 | |
| Power Consumption (Watt) | 1,095 | 1,437 | 1,965 | 2,575 | 3,047 | 3,403 | 2,577 | 3,026 | 3,372 | 4,716 | 5,652 | |
| Rated Operation Current (Amp.) | 5.05 | 6.82 | 9.30 | 12.04 | 14.11 | 15.83 | 4.47 | 5.44 | 6.05 | 8.49 | 9.98 | |
| Power Supply (Volt/Phase/Hz) | 220/1/50 | | | | | | 380/3/50 | | | | | |
| EGAT CERTIFIED No.5 (มาตรฐาน เกรด 5) | | | | | | | | | | | | |
| TIS Standard (มาตรฐาน มท. 2134-2563) | | | | | | | | | | - | - | |
| TIS Standard (มาตรฐาน มท. 1529-2561) | | | | | | | | | | | | |
| Fan Coil Unit | Model : UFM | 13FS1 | 18FS | 25F | 30F | 36F1 | 40F | 30F | 36F1 | 40F | 50F | 60F |
| | Type | Floor & Ceiling Type | | | | | | | | | | |
| Rated Air Flow at High Speed (CFM) | 450 | 600 | 800 | 1,000 | 1,200 | 1,400 | 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 | | | | | | | | | | | |
| 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) | 978 x 243 x 623 | | 1,278 x 243 x 623 | | 1,578 x 273 x 623 | | 1,278x243x623 | 1,578 x 273 x 623 | | 1,878 x 293 x 623 | | |
| Weight (kgs.) | 35 | 36 | 47 | 50 | 64 | 68 | 50 | 64 | 68 | 64 | 68 | |
| Sound Pressure Level (T/H/M/L) (dB(A)) | 49/47/44/42 | 50/47/44/41 | 49/47/44/42 | 54/48/45/42 | 56/51/45/43 | 58/55/47/42 | 54/48/45/42 | 56/51/45/43 | 58/55/47/42 | 64/60/53/49 | 66/61/54/50 | |
| Condensing Unit | Model : AFV | 13FBS | 18FBS | 25FL | 301FBS | 361FBS | 401FBS | 303FBS | 363FBS | 403FBS | 503FX | 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 (Fully Charge) | | | | | | | | | | | |
| Pipe Connection | Suction Line (Inch)(OD) | 1/2 | 5/8 | | 3/4 | | | | | | | |
| | Liquid Line (Inch)(OD) | 3/8 | | | | 1/2 | 3/8 | | 1/2 | | | |
| Dimension (W x D x H) (mm) | 804x330x530 | 944x330x632 | 944x380x784 | | 944x380x936 | 944x380x1,140 | 944x380x784 | 944x380x936 | 944x380x1,140 | | | |
| Weight (kgs.) | 40 | 52 | 61 | 66 | 72 | 88 | 66 | 71 | 88 | 92 | | |
| Sound Pressure Level (dB(A)) | 53 | 56 | 58 | 62 | | 61 | 62 | | 61 | 63 | 65 | |

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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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

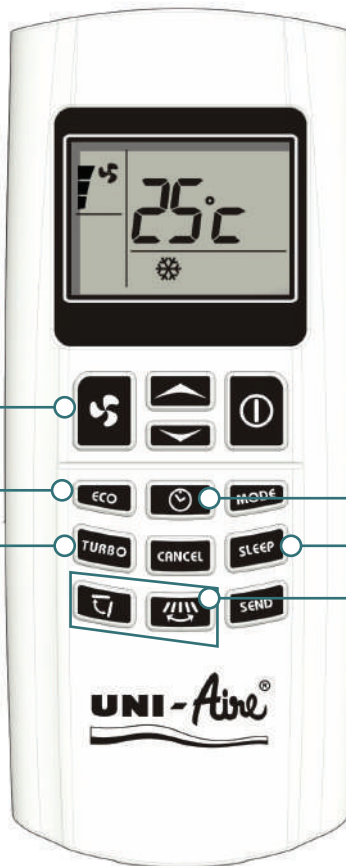
4 speeds adjustable wind blow
Turbo - High - Medium - Low
For Turbo cool or Quiet cool.

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

