

**UNI-Aire**<sup>®</sup>

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

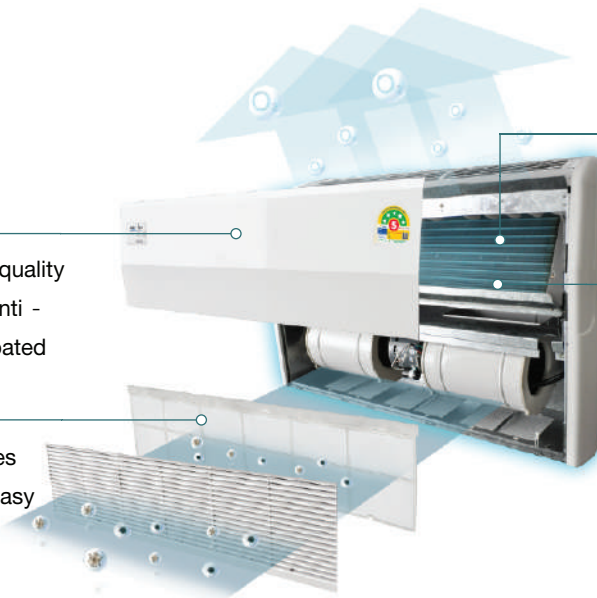
## Fan coil unit Model : UFM

### 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

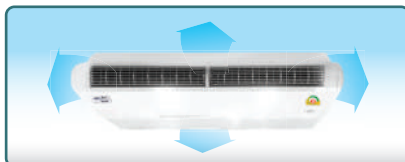


### Copper tube

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												
<b>Nominal Cooling Capacity</b> (BTU/Hr)	13,672	18,056	25,158	30,705	36,309	40,458	30,480	36,170	40,200	50,130	60,100	
<b>SEER</b> (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	
<b>COP</b> (Watt / Watt)	3.66	3.56	3.59	3.44	3.50	3.45	3.49	3.50	3.49	3.12	3.11	
<b>Power Consumption</b> (Watt)	1,095	1,437	1,965	2,575	3,047	3,403	2,577	3,026	3,372	4,716	5,652	
<b>Rated Operation Current</b> (Amp.)	5.05	6.82	9.30	12.04	14.11	15.83	4.47	5.44	6.05	8.49	9.98	
<b>Power Supply</b> (Volt/Phase/Hz)	220/1/50						380/3/50					
<b>EGAT CERTIFIED No.5</b> (มาตรฐาน แอร์ 5)												
<b>TIS Standard</b> (มาตรฐาน มท. 2134-2563)										-	-	
<b>TIS Standard</b> (มาตรฐาน มท. 1529-2561)												
<b>Fan Coil Unit</b>	Model : UFM	13FS1	18FS	25F	30F	36F1	40F	30F	36F1	40F	50F	60F
	Type	Floor & Ceiling Type										
<b>Rated Air Flow at High Speed</b> (CFM)	450	600	800	1,000	1,200	1,400	1,000	1,200	1,400	1,600	2,000	
<b>Fan Type</b>	Multi Blade Centrifugal Type											
<b>Evaporator Coil Type</b>	Aluminium Louver Fin (Hydrophilic Coated) with Inner Grooved Copper Tube											
<b>Expansion Device Type</b>	Capillary Tube											
<b>Control Type</b>	Wired Digital or Wireless Remote Control											
<b>Air Filter Type</b>	Washable PP. Net											
<b>Drain Connection</b> (Inch)(OD)	3/4											
<b>Dimension (W x D x H)</b> (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		
<b>Weight</b> (kgs.)	35	36	47	50	64	68	50	64	68	64	68	
<b>Sound Pressure Level (T/H/M/L) (dB(A))</b>	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	
<b>Condensing Unit</b>	Model : AFV	13FBS	18FBS	25FL	301FBS	361FBS	401FBS	303FBS	363FBS	403FBS	503FX	603FX
	Type	Horizontal Air Flow										
<b>Fan Type</b>	Propeller Fan											
<b>Condenser Coil Type</b>	Aluminium Louver Fin with Inner Grooved Copper Tube											
<b>Compressor Type</b>	Rotary										Scroll	
<b>Refrigerant Type</b>	R-32 (Fully Charge)											
<b>Pipe Connection</b>	Suction Line (Inch)(OD)	1/2	5/8		3/4							
	Liquid Line (Inch)(OD)	3/8				1/2	3/8		1/2			
<b>Dimension (W x D x H)</b> (mm)	804x330x530	944x330x632	944x380x784		944x380x936	944x380x1,140	944x380x784	944x380x936	944x380x1,140			
<b>Weight</b> (kgs.)	40	52	61	66	72	88	66	71	88	92		
<b>Sound Pressure Level</b> (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.



ISO 9001  
ISO 14001  
ISO 45001  
ISO 14064-1



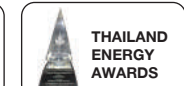
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# Thermostat



## 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

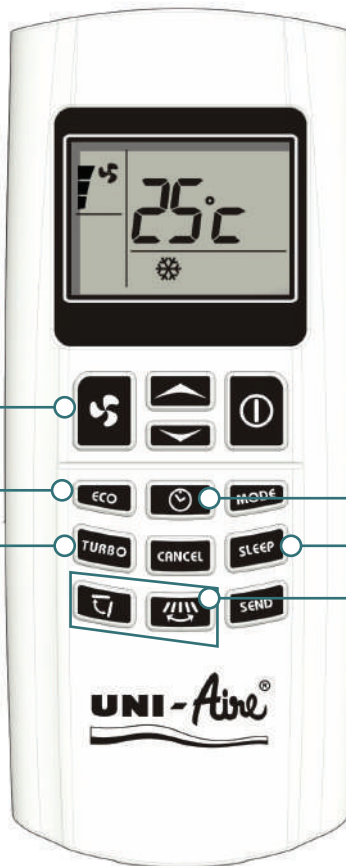
4 speeds adjustable wind blow  
Turbo - High - Medium - Low  
For Turbo cool or Quiet cool.

#### 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

