



## **Air Conditioner Floor-standing Type Model : TGF / AFQ - AKQ - TACU**

Deliver cool air further to every area of the room  
Modern design. Touch screen control. Durable casing. Four directional louvers deliver strong airflow yet quiet operation.

## Intelligent airflow technology



### 3-Step Motor

3 steps adjustable airflow with blow **High-Medium-Low**  
For Turbo cool or Quiet cool



### Airflow Direction Control

Horizontal and vertical auto-swing louvers  
for 4-directional airflow distribution



## Modern Design



### Touch Control

Modern touch interface  
control panel



### Backlit Display

Clearly visible even in low-light  
conditions



### Remote Control

Optional remote control for  
convenient operation from  
a distance



## Easy to Install

### Easy and Time-saving Installation

3 outlets for refrigerant and drain pipes, suitable for every space.



Left side



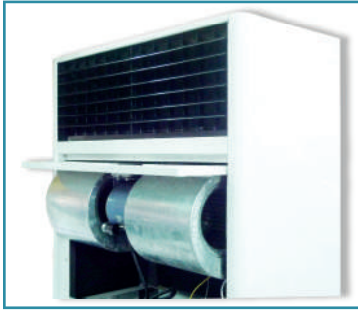
Rear side



Right side

## Easy to clean and maintenance

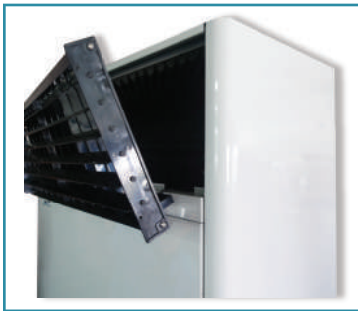
Easy front access for cleaning and maintenance.



**Blower and fan motor set**



**Return air grille and air filter**

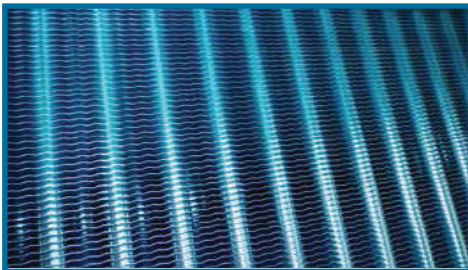


**Supply air grille**



**Evaporator coil and drain pan assembly**

## Hydrophilic Coil



Blue-fin coated evaporator coil offers hydrophobic properties that help reduce bad odor and mold reducing. it saves energy and last longer than standard fins.

## Other features



### Timer On / Off

24-hour timer for turning on or turning off the air conditioning system



### Auto Restart

Air conditioning system turns on automatically after electricity supply returns from a power failure. automatically restarts after power failure, retaining all previous settings.



### Sleep mode

Adjust suitable temperature for sleeping time



### 3 Minute Time Delay

Prevents damage to the compressor caused by voltage sag or power failure.

# Condensing Unit

With International standard quality guaranteed by customers in over 70 countries



Model : AFQ



Model : AKQ (Fiberglass)



Model : TACU 008AS to 010AS



Model : TACU 012AS to 015AS



Model : TACU 020AS



Model : TACU 025AS



**Auto Restart** Air conditioning system turns on automatically after electricity supply returns from a power failure. automatically restarts after power failure, retaining all previous settings.



**3 Minute Time Delay** Prevent damage to the compressor from voltage sag or power failure.

SPECIFICATION MODEL : TGF / AFQ				SPECIFICATION MODEL : TGF / AKQ			
Nominal Cooling Capacity (BTU/Hr)		41,000	50,000	60,000	41,000	50,000	60,000
COP (Watt / Watt)		2.92	3.19	3.11	3.05	3.11	3.04
Power Consumption (Watt)		4,116	4,604	5,653	3,672	4,729	5,792
Rated Operation Current (Amp.)		7.77	8.21	9.96	6.30	8.47	10.21
Power Supply (Volt/Phase/Hz)		380/3/50					
TIS Standard (มาตรฐาน มอก. 1529-2561)		⊗		⊗		⊗	
Fan Coil Unit	Model Type	TGF-40F	TGF-50F	TGF-60F	TGF-40F	TGF-50F	TGF-60F
Rated Air Flow at High Speed (CFM)		1,400	1,600	2,000	1,400	1,600	2,000
Fan Type		Multi Blade Centrifugal Fan : Direct Drive					
Evaporator Coil		Aluminium Louver Fin (Hydrophilic Coating) with Inner Grooved Copper Tube					
Expansion Device Type		Capillary Tube					
Control Type		Built-in Digital Thermostat (Option Wireless Remote Control)					
Air Filter Type		Washable PP. Net					
Drain Connection (Inch)(OD)		7/8					
Dimension (W x D x H) (mm.)		582 x 1850 x 463	830 x 1850 x 403	582 x 1850 x 463	830 x 1850 x 403		
Weight (kgs.)		80	102	104	80	102	104
Condensing Unit	Model Type	AFQ-403FB	AFQ-503FX	AFQ-603FX	AKQ-403FB	AKQ-503FX	AKQ-603FX
Condenser Coil		Propeller (Horizontal Air Flow)				Propeller (Vertical Air Flow)	
Compressor Type		Rotary				Scroll	
Refrigerant Type		R-32 (Holding Charge)					
Pipe Connection	Suction Line (Inch)(OD)	3/4					
	Liquid Line (Inch)(OD)	1/2					
Dimension (W x D x H) (mm.)		1140 x 944 x 410			835 x 812 x 594		
Weight (kgs.)		88	92		82	91	96

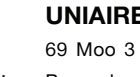
SPECIFICATION MODEL : TGF / TACU								
Nominal Cooling Capacity (BTU/Hr)		80,000	90,000	100,000	120,000	150,000	200,000	250,000
COP (Watt / Watt)		2.94	3.39	3.30	3.21	3.05	3.09	3.32
Power Consumption (kW)		7.96	7.77	8.88	10.94	14.40	18.99	22.04
Rated Operation Current (Amp.)		19.25	20.25	24.42	27.48	32.45	43.57	55.13
Power Supply (Volt/Phase/Hz)		380/3/50						
Fan Coil Unit	Model Type	TGF-80A1	TGF-90A1	TGF-100A1	TGF-120A1	TGF-150A1	TGF-200A1	TGF-250A1
Rated Air Flow at High Speed (CFM)		2,600	3,000	3,300	4,000	5,000	6,000	8,000
Blower	Type	Multi Blade Centrifugal Fan : Direct Drive						
	Quantity (PCS.)	2			4		4	
Motor	Power Input (Watt)	654 x 2			655 x 2		654 x 4	
	Rated Current (Amp.)	3.51 x 2			2.72 x 2		3.51 x 4	
	Quantity (PCS.)	2			2		4	
Power Supply (Volt/Phase/Hz)		220/1/50						
Evaporator Coil		Aluminium Louver Fin (Hydrophilic Coating) with Inner Grooved Copper Tube (3/8")						
Expansion Device Type		Thermostatic Expansion Valve (TXV)						
Control Type		Built-in Digital Thermostat (Option Wireless Remote Control)						
Air Filter Type		Washable PP. Net						
Drain Connection (Inch)(OD)		7/8						
Dimension (W x D x H) (mm.)		1,079 x 503 x 1,850			1,619x403x1,850		2,115 x 503 x 1,850	
Weight (kgs.)		127	128	129	132	195	275	
Condensing Unit	Model Type	TACU-008AS	TACU-009AS	TACU-010AS	TACU-012AS	TACU-015AS	TACU-020AS	TACU-025AS
Condenser Coil		Aluminium Louver Fin with Inner Grooved Copper Tube (7 mm.)						
Fan	Type	Propeller						
	Quantity (PCS.)	1			2			
Motor	Power Input (Watt)	485			485 x 2		485 x 2	
	Rated Current (Amp.)	1.23			1.23 x 2		1.23 x 2	
	Quantity (PCS.)	1			2			
Compressor	Type	Scroll						
	Refrigerant	R-410A (Holding Charge)						
	Circuit of Refrigerant	1						
	Power Input (Watt)	6,170	7,290	8,400	9,970	12,300	15,400	19,300
	FLA (Amp.)	11.0	13.9	16.2	18.0	24.6	27.1	34.4
	LRA (Amp.)	101	127	153	174	219	272	
Quantity (PCS.)	1							
Power Supply (Volt/Phase/Hz)		380/3/50						
Pipe Connection	Suction Line (Inch)(OD)	7/8	1/2		1-1/8		5/8	1-3/8
	Liquid Line (Inch)(OD)						7/8	1-5/8
Dimension (W x D x H) (mm.)		800 x 750 x 945			1,500 x 750 x 945		1,500x750x1,071	2,140x1,140x1,167
Weight (kg.)		120	142	150	170	185	215	360

\*Nominal cooling capacity based on 80 FDB and 67 FWB entering air temp., And 45F suction temp. and 95F ambient temp.

Specation are subjected to change without notice for future improvement

FLA = Full Load Amp.

LRA = Locked Rotor Amp



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