



วถน.2134



วถน.1529



TIS 17025



Made in Thailand



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 wind blow High-Medium-Low
For Turbo cool or Quiet cool



Airflow Direction Control

Horizontal and vertical auto-swing louvers
deliver airflow in 4 directions.



Modern Design



Touch Control

Modern Touch-interface
control panel



Backlit Display

Easy to see in the dark



Remote Control

Operate the air conditioner from
a distance (Option)



Easy to Install

Easy and Time-saving Installation

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



Left side



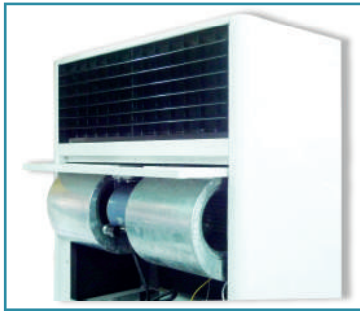
Rear side



Right side

Easy to clean and maintenance

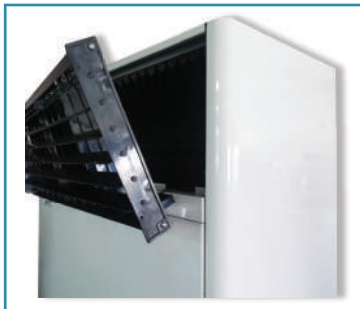
Easy front access for cleaning and maintenance.



Blower and fan motor set



Return air grille and air filter

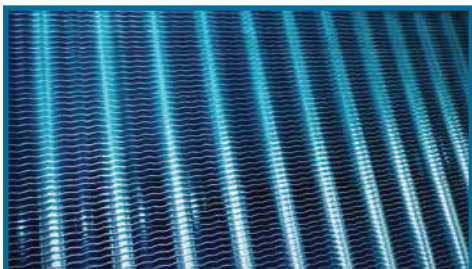


Supply air grille



Evaporator coil and drain pan

Hydrophilic Coil



Blue fin coated evaporator coil provides hydrophobic property for bad odor and mold reducing. Energy saving and last longer than normal 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. the system also memorizes every setting before the outage.



Sleep mode

Adjust suitable temperature for sleeping time



3 Minute Time Delay

Prevent damage to the compressor from voltage sag or power failure.



Model : AFQ



Model : AKQ (Fiberglass)



Model : TACU 008AS to 015AS



Model : TACU 020A to 040A



Auto Restart ระบบจะเริ่มทำงานอัตโนมัติหลังจากที่ไฟฟ้าดับและจดจำค่าต่างๆที่ตั้งไว้ที่เครื่องก่อนไฟฟ้าดับ



ระบบหน่วงเวลาคอมเพรสเซอร์ 3 นาที เพื่อป้องกันการเกิดความเสียหายกับคอมเพรสเซอร์ เมื่อเกิดการไฟฟ้าดับหรือดับ

		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		380/3/50					
TIS Standard (มาตรฐาน มอก. 2134-2553)		-	⊕	⊕	⊕	⊕	⊕
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 Coated) 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 1,850 x 463	830 x 1,850 x 403		582 x 1,850 x 463	830 x 1,850 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		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.)	1,140 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)	3.15	3.08	3.03	3.00	3.05	3.18	3.22
Power Consumption	(kW)	7.96	7.77	8.88	10.94	14.40	20.21	21.84
Rated Operation Current	(Amp.)	19.25	20.25	24.42	27.48	32.45	48.88	55.20
Power Supply	(Volt/Phase/Hz)	380/3/50						
Fan Coil Unit	Model Type	TGF-80AS	TGF-90AS	TGF-100AS	TGF-120AS	TGF-150AS	TGF-200A	TGF-250A
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 Coated) with Inner Grooved Copper Tube (7 mm.)					Aluminium Louver Fin (Hydrophilic Coated) 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.)	127	1,079 x 503 x 1,850		132	1,619 x 403 x 1,850	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-020A-2C	TACU-025A-2C
Condenser Coil		Aluminium Louver Fin with Inner Grooved Copper Tube (7 mm.)					Aluminium Louver Fin with Inner Grooved Copper Tube (3/8")	
Fan	Type	Propeller						
	Quantity (PCS.)	1		2			2	
Motor	Power Input (Watt)	485		485 x 2			850 x 2	1,087 x 2
	Rated Current (Amp.)	1.23		1.23 x 2			1.20 x 2	2.29 x 2
	Quantity (PCS.)	1		2			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	8,320 x 2	10,170 x 2
	FLA (Amp.)	11.0	13.9	16.2	18.0	24.6	16.0 x 2	18.48 x 2
	LRA (Amp.)	101	127	153		174	139 x 2	153 x 2
	Quantity (PCS.)	1						
	Power Supply (Volt/Phase/Hz)	380/3/50						
Pipe Connection	Suction Line (Inch)(OD)	7/8		1-1/8			1-3/8 (x2)	
	Liquid Line (Inch)(OD)	1/2		5/8			5/8 (x2)	
Dimension (W x D x H)	(mm.)	120		800 x 750 x 945		1,500 x 750 x 945		2,140 x 1,140 x 1,165
Weight	(kgs.)	120		142	150	170	185	370

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

Specification are subjected to change without notice for future improvement

FLA = Full Load Amp.

LRA = Locked Rotor Amp



ISO 9001
ISO 14001
ISO 45001



UNIAIRE CORPORATION CO., LTD.

69 Moo 3 Kingkeaw Rd., Rachatewa District, Bangplee, Samutprakarn 10540 Thailand

Tel.+662-312-4500, Email.export@uni-aire.com

www.uni-aire.com Whatsapp.+666-2312-3069