



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



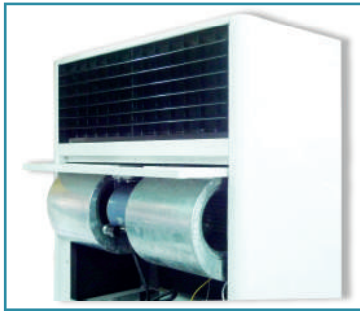
Rear side



Right side

Easy to clean and maintenance

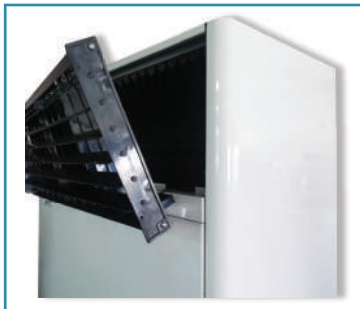
Easy front access for cleaning and maintenance.



Blower and fan motor set



Return air grille and air filter

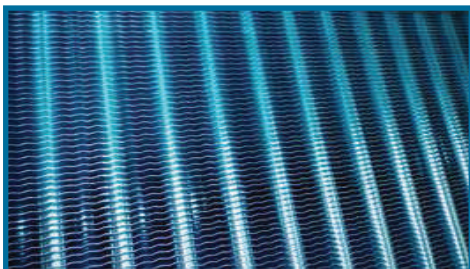


Supply air grille



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.

Condensing Unit

With International standard quality guaranteed by customers over 70 countries



Model : AFQ



Model : AKQ
(Fiberglass)



Model : TACU
008AS to 015AS



Model : TACU
020A to 080A



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.

| 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 | TGF-40F | TGF-50F | TGF-60F | TGF-40F | TGF-50F | TGF-60F |
| | Type | Floor Standing Type | | | | | |
| 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 Aluminium Louver Fin (Hydrophilic Coated) with Inner Grooved Copper Tube | | | | | |
| Evaporator Coil | | Capillary Tube | | | | | |
| Expansion Device Type | | Built-in Digital Thermostat (Option Wireless Remote Control) | | | | | |
| Control Type | | Washable PP. Net | | | | | |
| Air Filter Type | | 7/8 | | | | | |
| 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 | AFQ-403FB | AFQ-503FX | AFQ-603FX | AKQ-403FB | AKQ-503FX | AKQ-603FX |
| | Type | Propeller (Horizontal Air Flow) | | | Propeller (Vertical Air Flow) | | |
| Condenser Coil | | Aluminium Corrugated Fin with Inner Grooved Copper Tube | | | | | |
| 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.) | | 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 | TGF-80A1 | TGF-90A1 | TGF-100A1 | TGF-120A1 | TGF-150A1 | TGF-200A1 | TGF-250A1 |
| | Type | Floor Standing Type | | | | | | |
| 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 (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 | | | 1,619 x 403 x 1,850 | | 2,115 x 503 x 1,850 | |
| Weight (kgs.) | | 127 | 128 | 129 | 132 | 195 | 275 | |
| Condensing Unit | Model | TACU-008AS | TACU-009AS | TACU-010AS | TACU-012AS | TACU-015AS | TACU-020AS | TACU-025AS |
| | Type | Vertical Air Flow | | | | | | |
| Condenser Coil | | Aluminium Louver Fin with Inner Grooved Copper Tube (7 mm.) | | | | | | |
| Fan | Type | Propeller | | | | | | |
| | Quantity (PCS.) | 1 | | 2 | | 2 | | |
| Motor | Power Input (Watt) | 485 | | 485 x 2 | | 485 x 2 | | 1,369 x 2 |
| | Rated Current (Amp.) | 1.23 | | 1.23 x 2 | | 1.23 x 2 | | 3.36 x 2 |
| | Quantity (PCS.) | 1 | | 2 | | 2 | | |
| Compressor | Type | Scroll | | | | | | |
| | Refrigerant | R-410A (Holding Charge) | | | | | | |
| | Circuit of Refrigerant | 1 | | 2 | | 2 | | |
| | 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 | | 7/8 | | 7/8 | | 1-5/8 |
| Dimension (W x D x H) (mm.) | | 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 | 425 |

*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

**Eurovent certified for model DAHH only.



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