

# FUJITSU

FLOOR & CEILING TYPE  
AIR CONDITIONERS

Refrigerant  
**R410A**

**GREEN**  
is in our  
**GENES**



**Floor &  
Ceiling Universal Series**

INVERTER  
INVERTER  
INVERTER  
INVERTER  
INVERTER  
INVERTER  
**INVERTER**

เทคโนโลยีการออกแบบ และระบบประหยัดพลังงานที่เหนือกว่าอินเวอร์เตอร์ทั่วไป

The Intelligent Choice in Comfort



INVERTER  
**INVERTER**  
**Ceiling**



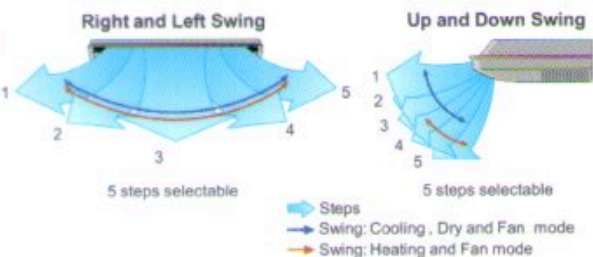
Easily concealed in any installation

- ALL DC ABYA30L    ALL DC ABYA36L    ALL DC ABYA45L    3phase ALL DC ABYG54L **NEW**



**Multi auto swing**

A combination of right/left and up/down directional swing allows 3-dimensional air direction control.



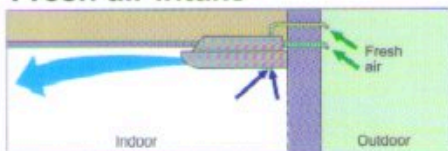
**Easy installation**

Main work settings can be done easily from the remote controller at installation

**Main work settings**  
+High ceiling setting  
+Auto restart  
+Temperature adjustment when cooling / heating

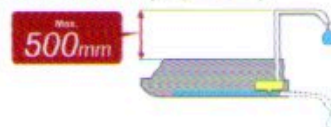


**Fresh air intake**

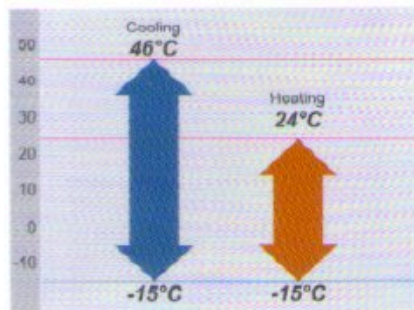


**Condensate lift-up mechanism (Option)**

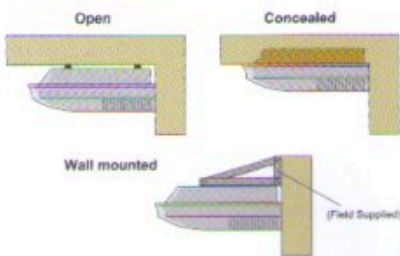
Optional drain lift-up mechanism allows flexible installation.



**Wide range ambient operation**



**Installation**



**Low noise mode of outdoor unit (45/54 types)**

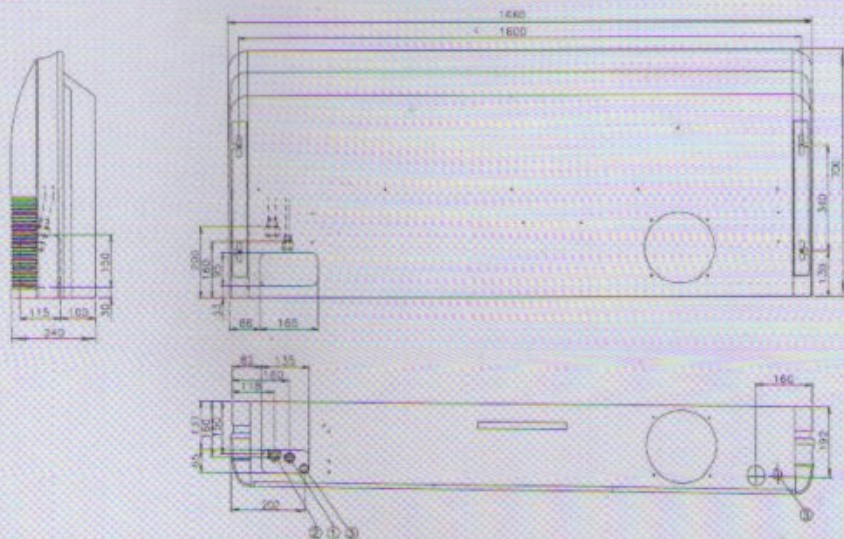
2 stage low noise mode can be selected. (Option)



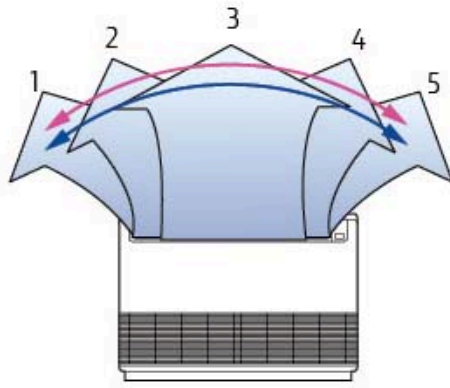
**Dimensions** Models: ABYA30L / ABYA36L / ABYA45L / ABYG54L

(Unit : mm)

- 1 Refrigerant piping flare connection (Liquid)
- 2 Refrigerant piping flare connection (Gas)
- 3 Drain piping connection

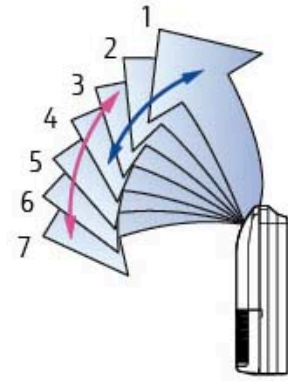


### การพัดไปทางด้านขวาและด้านซ้าย



สามารถเลือกได้ 5 ขั้นตอน

### การพัดไปทางด้านบนและด้านล่าง



สามารถเลือกได้ 7 ขั้นตอน

- ➡ ขั้นตอน
- ➡ การพัด: โหมดทำความเย็น โหมดเป่าแห้ง และโหมดพัดลม
- ➡ การพัด: โหมดทำความร้อนและพัดลม

### ติดตั้งง่าย

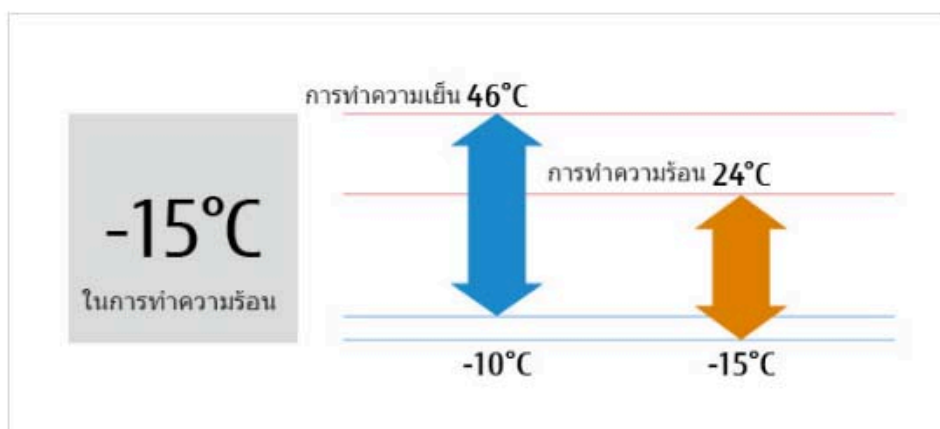


ในการติดตั้งสามารถตั้งค่าการทำงานหลัก ผ่านรีโมทคอนโทรลได้อย่างสะดวก

#### การตั้งค่าการทำงานหลัก

- การตั้งค่าสำหรับเพดานสูง
- รีสตาร์ทอัตโนมัติ
- การปรับอุณหภูมิเมื่อทำความเย็น/ทำความร้อน

### การทำงานภายใต้อุณหภูมิแวดล้อมต่ำ



**INVERTER**

# Floor/Ceiling Universal

## Specifications



Model No.	Indoor unit		ABYF18L		ABYF24L	
	Outdoor unit		AOYA18L		AOYA24L	
Power Source		V/Ø/Hz	220/1/50		220/1/50	
Capacity	Cooling	BTU/H	17700(3100-20100)		24200(3100-27300)	
	Heating		20500(3100-25600)		27300(3100-31000)	
Input Power	Cooling/Heating	kW	1.62/1.66		2.21/2.21	
EER - Energy Class	Cooling	W/W	3.21		3.21	
COP - Energy Class	Heating		3.61		3.61	
Running Current	Cooling/Heating	A	7.1/7.3		9.7/9.7	
Moisture Removal		l/h	2.0		2.7	
Noise (Indoor)	Cooling H/M/L/Q	dB(A)	43/40/34/31		48/44/40/35	
Noise (Outdoor)	Cooling		50		52	
Airflow Rate (High)	Indoor/Outdoor	m³/h	780/2000		980/2470	
Net Dimension H x W x D	Indoor	mm	199x990x655		199x990x655	
		kg(lbs)	27(60)		27(60)	
	Outdoor	mm	578x790x300		578x790x315	
		kg(lbs)	40(88)		44(97)	
Piping Connections (Small, Large)		in.	1/4, 1/2		1/4, 5/8	
Drain Pipe Diameter (I.D./O.D.)		mm	21.5/26.0		21.5/26.0	
Max Pipe Length (Pre-Charge)		m	25(15)		30(15)	
Height Difference			15		20	
Operation Range	Cooling	*CDB	-10~46		-10~46	
	Heating		-15~24		-15~24	
Refrigerant			R410A		R410A	

Remark : Features and designs are subjected to change without any notice

### Explanation of Symbols

- V-PAM Control Mode**
- Double swing automatic**  
Complex swing action of fans enables automatically to swing both horizontal and vertical directions.
- Automatic Air Flow Adjustment**  
The micro-computer automatically adjusts the air flow effectively to follow the changes of room temperature.
- Auto restart**  
In the event of a temporary power failure, the air conditioner will automatically restart in the same operating mode as before, once the power supply is restored.
- Auto-changover**  
The unit automatically switches between heating and cooling modes based on your temperature setting and the room temperature.
- Connectable Fresh Air Duct**
- Economy Mode**  
Limits the maximum operation current, and performs operation with the power consumption suppressed.
- Sleep Timer**  
The micro-computer gradually changes the room temperature automatically to afford a comfortable night's sleep.
- Program Timer**  
This digital timer allows selection of one of four options: ON, OFF, ON → OFF or OFF → ON.
- Filter Sign**  
Indicates the filter cleaning period by lamp.

**INVERTER**

# Ceiling

## Specifications



Model No.	Indoor unit		ABYA30L		ABYA36L		ABYA45L		ABYG54L	
	Outdoor unit		AOYA36L		AOYA36L		AOYA45L		AOYG54L	
Power Source		V/Ø/Hz	220/1/50		220/1/50		220/1/50		380/3/50	
Capacity	Cooling	BTU/H	29000(9500-34100)		32100(9500-38200)		41000(13700-45400)		47800(18400-54600)	
	Heating		34100(9200-38200)		38200(9200-43300)		45400(14300-52900)		54600(19800-61500)	
Input Power	Cooling/Heating	kW	2.65/2.77		2.93/3.02		3.74/3.68		4.65/4.67	
EER - Energy Class	Cooling	W/W	3.21		3.21		3.21		3.01	
	Heating		3.61		3.71		3.61		3.43	
Running Current	Cooling/Heating	A	11.6/12.2		12.8/13.2		16.4/16.1		6.9/6.9	
Moisture Removal		l/h	2.5		3.0		4.5		5.0	
Noise (Indoor)	Cooling H/M/L/Q	dB(A)	45/43/37/32		47/43/37/32		49/45/39/34		51/48/42/38	
Noise (Outdoor)	Cooling		53		54		55		55	
Airflow Rate (High)	Indoor / Outdoor	m³/h	1660/3600		1900/3800		2100/6750		2300/6900	
		mm	240x1660x700		240x1660x700		240x1660x700		240x1660x700	
	Outdoor	mm	830x900x330		830x900x330		1290x900x330		1290x900x330	
		kg(lbs)	61(135)		61(135)		88(194)		104(229)	
Piping Connections (Small, Large)		in.	3/8, 5/8		3/8, 5/8		3/8, 5/8		3/8, 5/8	
Drain Pipe Diameter (I.D./O.D.)		mm	22.0/25.6		22.0/25.6		22.0/25.6		22.0/25.6	
Max Pipe Length (Pre-Charge)		m	50(20)		50(20)		50(20)		75(30)	
Height Difference			30		30		30		30	
Operation Range	Cooling	*CDB	-15~46		-15~46		-15~46		-15~46	
	Heating		-15~24		-15~24		-15~24		-15~24	
Refrigerant			R410A		R410A		R410A		R410A	

Remark : Features and designs are subjected to change without any notice

### Explanation of Symbols

- i-LAMP Control Mode**  
(Single Phase)
- Double swing automatic**  
Complex swing action of fans enables automatically to swing both horizontal and vertical directions.
- Automatic Air Flow Adjustment**  
The micro-computer automatically adjusts the air flow effectively to follow the changes of room temperature.
- Auto restart**  
In the event of a temporary power failure, the air conditioner will automatically restart in the same operating mode as before, once the power supply is restored.
- Auto-changover**  
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