

Split Air Conditioner

Model : ARYG45LHTA / ARYG54LHTA /
ARYG45LHTA [3phase] / ARYG54LHTA [3phase] / ARYG60LHTA [3phase]

Single phase
(30/36/45) (24)



Wired R.C.



ARYG45/54LHTA



ARYG60LHTA



High Static Pressure Duct Range

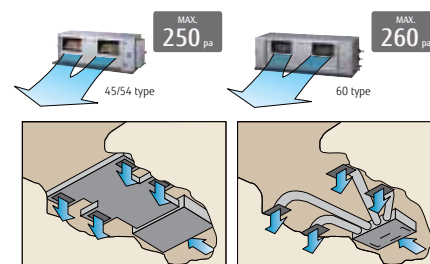
Feature

High energy efficiency

Significantly greater efficiency is realized by using all DC inverter technology. (60 type)

Feature

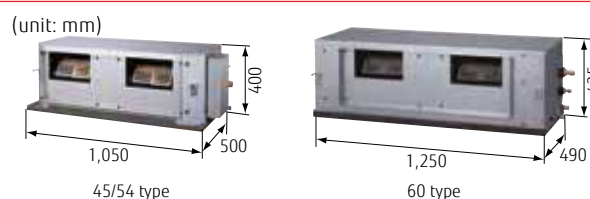
Design also corresponding to high static pressure



Feature

Easy installation (Compact size & Lightweight)

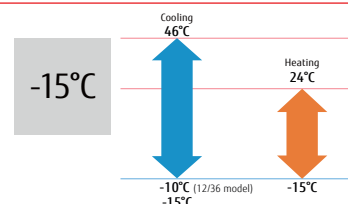
A compact size and lightweight indoor unit has been developed by reducing the basic chassis and the overall material weight.



Feature

Low ambient operation

Simple flat Auto Louver will provide comfort airflow and harmonize with luxury interior.



Optional parts

Wired Remote Controller:	UTYRVNYM
Simple Remote Controller:	UTYRSNYM
Long Life Filter	UTDLF60KA (for ARYG45/54LHTA only)
Remote Sensor Unit:	UTYXSZX
IR Receiver Kit	UTYLRHYM (for ARYG60LHTA only)
External Connect Kit - Indoor	UTDECS5A
External Connect Kit - Outdoor	UTYXWZXZ2
Modbus Interface	FJRCMBS1
KNX Interface	FJRCKNX1i
WiFi Interface	FJRCWIF11

Feature explanation



Economy mode

Thermostat setting automatically changes according to the temperature to avoid unnecessary cooling and heating.



Auto-changeover

The unit automatically switches between heating and cooling modes based on your temperature setting and the room temperature.



Automatic fan speed

The micro-computer automatically adjusts the airflow 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 power supply is restored.



Weekly + setback timer

Weekly + Setback timer can set temperature for two times spans and for each day of the week.



Filter sign

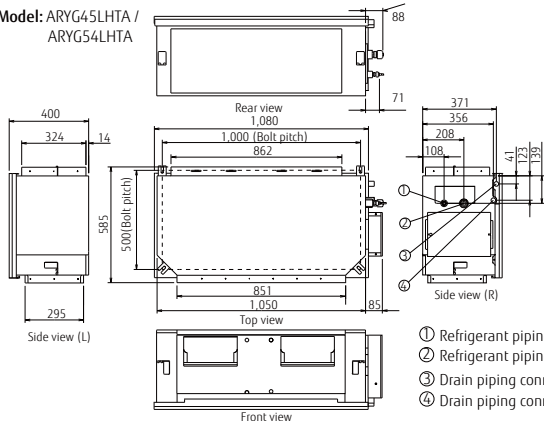
Indicates the filter cleaning period by lamp.



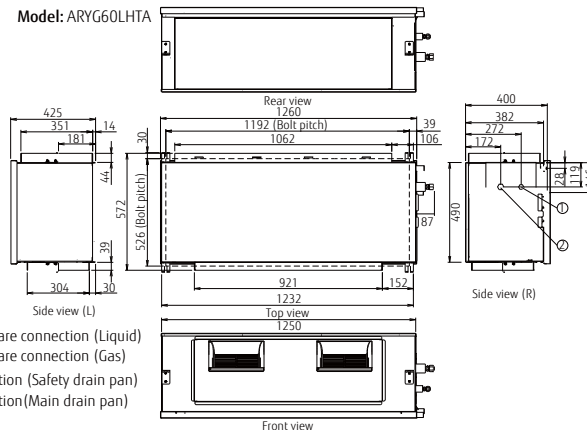
Blue fin

Dimensions

Model: ARYG45LHTA / ARYG54LHTA



Model: ARYG60LHTA



(Unit : mm)

Specifications

(TENTATIVE)

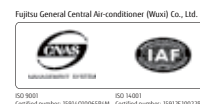
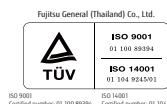
	Indoor	3-Phase Units	
		ARYG45LHTA AOYG45LETL	ARYG54LHTA AOYG54LETL
Nominal Capacity (kW)	Cooling	12.50 (4.50-14.00)	13.40 (5.00-14.50)
	Heating	14.00 (5.00-16.20)	16.00 (5.50-18.00)
UK Total / Sensible Cooling *		12.07 / 10.17	13.14 / 10.93
Power Consumption (kW)	Cooling	4.30	4.77
	Heating	3.80	4.69
EER / COP (Nominal Conditions)		2.91 / 3.68	2.81 / 3.41
Pdesign (kW) @ -10°C	Cooling	-	-
	Heating	-	-
SEER	Cooling	-	-
SCOP	Heating (Average)	-	-
Energy Efficiency Class	Cooling	-	-
	Heating (Average)	-	-
Annual Energy Consumption (kWh/a)	Cooling	-	-
	Heating	-	-
Moisture Removal	l/h	1.50	2.00
Dimensions (HxWxD) mm	Inner	400x1050x500	400x1050x500
	Outer	1290x900x330	1290x900x330
Net Weight (kg)	Inner	46	46
	Outer	86	86
Room Air Circulation (high) m3/h	Inner	3350	3350
	Outer	6750	6750
Static Pressure Range (Standard)	Pa	100 to 250 (100)	100 to 250 (100)
Power Supply	V-PH-Hz	230 / 1 / 50	230 / 1 / 50
Power Supply To	Outdoor	Outdoor	Outdoor
Running Current (A)	Cooling	18.90	20.90
	Heating	16.70	20.50
Starting Current	A	22.50	23.50
Suggested MCB/Fuse	A	25	25
Interconnecting Cable		3 + E	3 + E
Remote Control Type		Wired	Wired
Sound Pressure (dB(A) Cooling)	Indoor Q/L/M/H	- / 40 / 43 / 47	- / 40 / 43 / 47
	Outdoor H	55	55
Sound Power (dB(A) Cooling)	Indoor H	-	-
	Outdoor H	-	-
Max Pipe Length	m	50	50
Max Height Difference	m	30	30
Refrigerant Charge	m	20	20
Additional Refrigerant Charge	g/m	40	40
Pipe Size (inches)	Gas	5/8	5/8
	Liquid	3/8	3/8
Operating Range (OC)	Cooling	-15 ~ 46	-15 ~ 46
	Heating	-15 ~ 24	-15 ~ 24
Refrigerant		R410A	R410A

Note

•Cooling/heating capacities are based on the following conditions.

Cooling	Indoor temperature 23°CDB / 16°CWB Outdoor temperature 30°C
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- Performance test is in accordance with EN14511
- Seasonal efficiency test is in accordance with EN14825
- Sound power test is in accordance with EN12102



- Specifications and design are subject to change without notice for further improvement.
- Actual products' colours may be different from the colours shown in this printed material.

Distributed by:

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