

Split Air Conditioner

Model : ARYC72LHTA [3phase] / ARYC90LHTA [3phase]



Wired R.C.



ARYC72LHTA



ARYC90LHTA

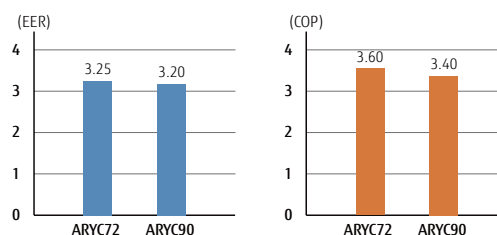


High Static Pressure Duct Range

Feature

High energy efficiency

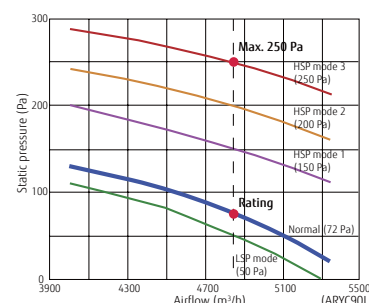
Significantly greater efficiency is realized by using DC twin rotary compressor, all DC inverter technology, and large heat exchanger.



Feature

High energy efficiency

Improvement and design flexibility has allowed multiple fan speeds and static pressure modes. Low noise is realized by adopting plastic case, plastic fan.



Feature

Outdoor unit quiet operation

A low outdoor noise operation mode allows the outdoor unit to have two quiet mode operation settings.

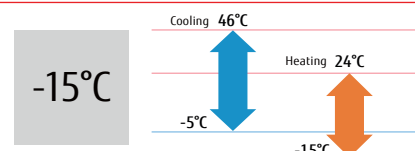
Feature

Peak cut operation

A low outdoor noise operation mode allows the outdoor unit to have two quiet mode operation settings.

Feature

Low ambient operation



Optional parts

Wired Remote Controller:	UTYRVNYM
Simple Remote Controller:	UTYRSNYM
Remote Sensor Unit:	UTYXSZX
External Connect Kit - Indoor	UTDECS5A
External Connect Kit - Outdoor	UTYXWZXZ2
Modbus Interface	FJRCMBS1
KNX Interface	FJRCKNX1i
WiFi Interface	FJRCWIFI1

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.

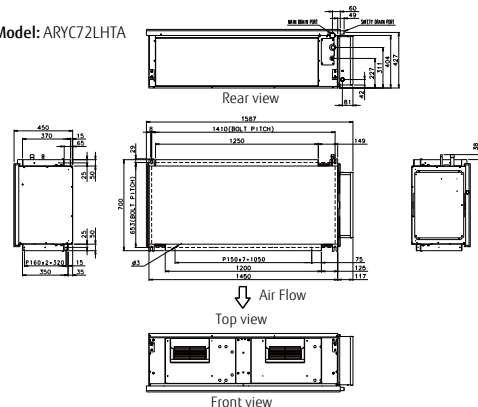


Blue fin

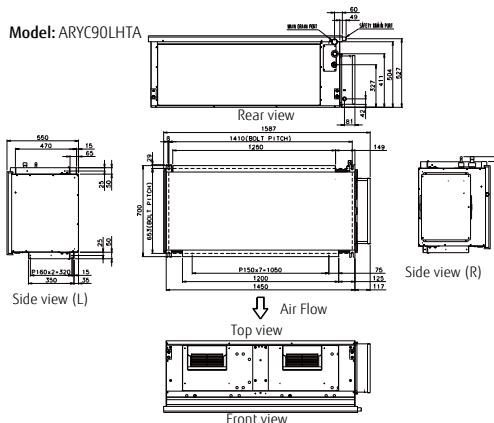
Dimensions

(Unit : mm)

Model: ARYC72LHTA



Model: ARYC90LHTA



Specifications

(TENTATIVE)

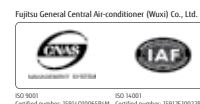
		3-Phase Units	
		ARYC72LHTA AOYA72LALT	ARYC90LHTA AOYA90LALT
Nominal Capacity (kW)	Indoor		
	Outdoor		
	Cooling	20.30 (10.80-23.50)	25.00 (11.20-28.00)
	Heating	22.60 (12.00-26.50)	28.00 (12.50-31.50)
UK Total / Sensible Cooling *		19.46 / 15.22	24.33 / 19.78
Power Consumption (kW)	Cooling	6.25	7.82
	Heating	6.27	8.24
EER / COP (Nominal Conditions)		3.25 / 3.60	3.20 / 3.40
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	4.50	6.00
Dimensions (HxWxD) mm	Inner	450x1587x700	550x1587x700
	Outer	1690x930x765	1690x930x765
Net Weight (kg)	Inner	100	110
	Outer	215	215
Room Air Circulation (high) m3/h	Inner	4300	4850
	Outer	9300	10700
Power Supply	V-PH-Hz	400 / 3 / 50	400 / 3 / 50
Power Supply To	Outdoor	Outdoor	Outdoor
Running Current (A)	Cooling	9.60	11.90
	Heating	9.60	12.50
Static Pressure Range (Standard)	Pa	50 to 250 (72)	50 to 250 (72)
Starting Current	A	9.60	12.50
Suggested MCB/Fuse	A	25	30
Interconnecting Cable		3 + E	3 + E
Remote Control Type		Wired	Wired
Sound Pressure (dB(A) Cooling)	Indoor Q/L/M/H	- / 41 / 44 / 47	- / 43 / 46 / 49
	Outdoor H	57	58
Sound Power (dB(A) Cooling)	Indoor H	-	-
	Outdoor H	-	-
Max Pipe Length	m	75	75
Max Height Difference	m	30	30
Refrigerant Charge	m	20	20
Additional Refrigerant Charge	g/m	110	110
Pipe Size (inches)	Gas	7/8	7/8
	Liquid	1/2	1/2
Operating Range (OC)	Cooling	-5 ~ 46	-5 ~ 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.

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