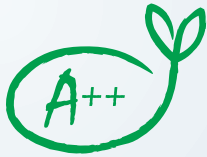


New Product Release !

Split Air Conditioner



12/14/18/24 models



(12 / 14)



(18 / 24 / 30)



(36 / 45 / 54)

ARYG12LHTBP ARYG14LHTBP ARYG18LHTBP ARYG24LHTBP
ARYG30LHTBP ARYG36LHTBP ARYG45LHTBP ARYG54LHTBP



(30/36/45/54)



Touch Panel Wired RC



AOYG12LBLA
AOYG14LBLA



AOYG18LBCA
AOYG24LBCA



AOYG30LATA
AOYG36LATA



AOYG45LATA
AOYG54LATA

New Duct Models with Higher Performance and Easier Installation works

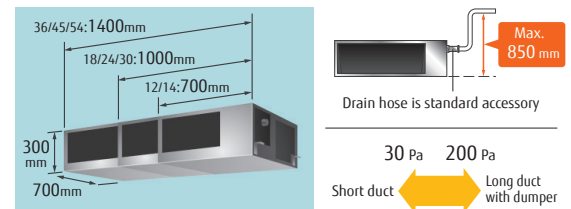
Feature Automatic Airflow adjustment function

This unique and innovative function detects required air flow in each application case and automatically adjust the volume.



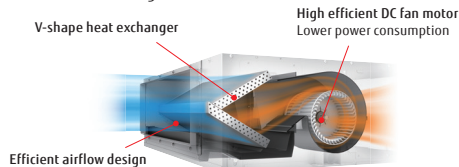
Feature Improved installation flexibility

- The static pressure can be adjustable ranging from 30Pa to 200Pa in accordance with the desired applications.
- The built-in drain pump with lifting height up to 850 mm
- The standardized depth and height in the unit dimensions are helpful in capacity selections for various ceiling spaces.



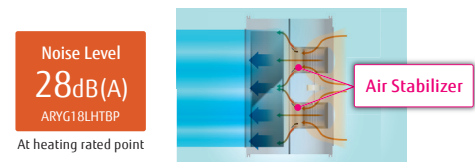
Feature High Efficiency & Energy Saving

The combination of the V-shaped heat exchanger, air stabiliser, and the high efficient DC fan motor allowed high efficiency despite of the small structural design.



Feature Quiet operation

The low noise level is implemented by the equipment of the air stabilizer which equalises the air flow speed and the air flow volume passing through the heat exchanger .



Feature Easy operation by touch panel controller

- Large LCD display
- Background light
- Built in thermo sensor
- Display room temperature
- Set temperature limitation (High and Low)
- Weekly Timer , Set back Timer, Auto OFF timer
- Support 12 Languages

Feature Improved service and maintenance

- Drain pump is easily detachable from the side
- Easy access to electrical box
- Error code can be checked more in detail from error history

Optional parts

Touch Panel Wired Remote Controller (Two wires) : UTY-RNRYZ1
 High Grade Wired Remote Controller (Three wires) : UTY-RVNYM
 Standard Wired Remote Controller (Two wires) : UTY-RLRY
 Standard Wired Remote Controller (Three wires) : UTY-RNNYM

Simple Remote Controller (Three wires) : UTY-RSNYM
 IR Receiver Kit : UTY-LBTYM
 Remote Sensor Unit : UTY-XSZX

Long life filter : UTD-LNFA (ARYG36/45/54LHTBP)
 UTD-LNFB (ARYG18/24/30LHTBP)
 UTD-LNFC (ARYG12/14LHTBP)

External input and output PCB : UTY-XCSX
 External connect kit : UTY-XWZXZG / UTY-XWZXZ3
 External input and output PCB bracket : UTY-GXNA

Feature explanation



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



Room temperature set point limitation : The minimum and maximum temperature range can be set giving further energy saving while considering the comfort of the occupants.



Set temperature auto return : The setting temperature automatically returns to the previously set temperature.



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.



Connectable fresh air duct : Outside air can be introduced by attaching field supplied duct to fresh air knockout and optional part.



Auto off timer : Automatically stops operation when a fixed time has elapsed from the start of operation.



Weekly timer : Different ON-OFF times can be set for each day.



Filter sign : Indicates the filter cleaning period by lamp.



Automatic airflow adjustment : Automatically detects required airflow in each application case and adjust the volume.



Drain pump as standard



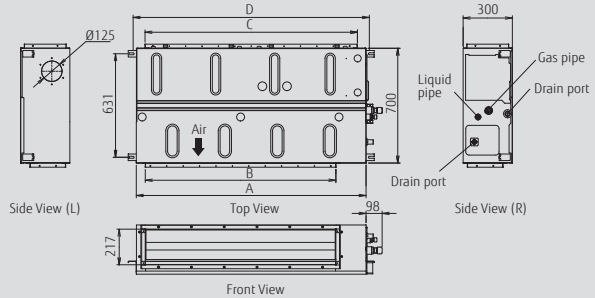
Blue fin

Dimensions

(Unit : mm)

Indoor unit : ARYG12LHTBP / ARYG14LHTBP / ARYG18LHTBP / ARYG24LHTBP
 ARYG30LHTBP / ARYG36LHTBP / ARYG45LHTBP / ARYG54LHTBP

	ARYG12/14LHTBP	ARYG18/24/30LHTBP	ARYG36/45/54LHTBP
A	700	1,000	1,400
B	462	762	1,162
C	650	895	1,295
D	740	1,040	1,440



Specifications

Model No.	Indoor unit			ARYG12LHTBP	ARYG14LHTBP	ARYG18LHTBP	ARYG24LHTBP	ARYG30LHTBP	ARYG36LHTBP	ARYG45LHTBP	ARYG54LHTBP
	Outdoor unit			AOYG12LBLA	AOYG14LBLA	AOYG18LBCA	AOYG24LBCA	AOYG30LBCA	AOYG36LBCA	AOYG45LBCA	AOYG54LBCA
Power Source		V/∅/Hz		230 / 1 / 50	230 / 1 / 50	230 / 1 / 50	230 / 1 / 50	230 / 1 / 50	230 / 1 / 50	230 / 1 / 50	230 / 1 / 50
Cooling	Capacity	Rated (Min - Max)	kW	3.5 (0.9 - 4.4)	4.3 (0.9 - 5.4)	5.2 (0.9 - 6.5)	6.8 (0.9 - 8.0)	8.5 (2.8 - 10.0)	9.4 (2.8 - 11.2)	12.1 (4.0 - 14.0)	13.4 (4.5 - 14.5)
	Input Power	Rated	kW	0.90	1.18	1.37	1.95	2.65	2.83	3.59	4.42
	Current	Max	A	7.5	9.0	10.0	13.5	17.0	20.0	22.5	23.5
	EER			3.89	3.64	3.80	3.49	3.21	3.32	3.37	3.03
	Pdesign c			3.5	4.3	5.2	6.8	8.5	9.4	-	-
	SEER			6.20	6.10	7.15	6.50	5.95	5.81	-	-
	Energy Rank			A++	A++	A++	A++	A+	A+	-	-
Sound Power	Indoor / Outdoor	dB(A)	* / 60	* / 64	54 / 63	57 / 68	63 / 68	64 / 69	67 / 68	67 / 68	67 / 69
Heating	Capacity	Rated (Min - Max)	kW	4.1 (0.9 - 5.7)	5.0 (0.9 - 6.5)	6.0 (0.9 - 8.0)	8.0 (0.9 - 9.1)	10.0 (2.7 - 11.2)	11.2 (2.7 - 12.7)	13.3 (4.2 - 16.2)	16.0 (4.7 - 16.5)
	Input Power	Rated	kW	1.00	1.25	1.48	2.21	2.70	3.07	3.44	4.62
	Current	Max	A	10.0	12.5	13.5	18.5	17.0	20.0	22.5	23.5
	COP			4.10	4.00	4.05	3.62	3.70	3.65	3.87	3.46
	Pdesign h			4.2	4.5	4.3	6.0	8.0	8.7	-	-
	SCOP			4.10	4.00	4.11	4.01	3.95	3.81	-	-
	Energy Rank			A+	A+	A+	A+	A	A	-	-
Sound Power	Indoor / Outdoor	dB(A)	* / 61	* / 63	54 / 62	57 / 68	65 / 69	63 / 70	69 / 68	69 / 68	69 / 71
Airflow rate (Indoor)	High	m³/h	850	950	1050	1360	1700	2050	2550	2550	
External static pressure range (Standard)		Pa	30 - 200 (35)	30 - 200 (35)	30 - 200 (35)	30 - 200 (35)	30 - 200 (47)	30 - 200 (47)	30 - 200 (60)	30 - 200 (60)	
Net Dimension H x W x D	Indoor	mm	300 × 700 × 700	300 × 700 × 700	300 × 1000 × 700	300 × 1000 × 700	300 × 1000 × 700	300 × 1400 × 700	300 × 1400 × 700	300 × 1400 × 700	300 × 1400 × 700
	Outdoor	mm	578 × 790 × 300	578 × 790 × 300	620 × 790 × 290	620 × 790 × 290	830 × 900 × 330	830 × 900 × 330	1290 × 900 × 330	1290 × 900 × 330	
Weight	Indoor / Outdoor	Kg	27 / 40	27 / 40	36 / 41	36 / 41	36 / 61	46 / 61	46 / 86	46 / 86	
Pipe Diameter	Liquid / Gas	mm	6.35 / 9.52	6.35 / 12.7	6.35 / 12.7	6.35 / 15.88	9.52 / 15.88	9.52 / 15.88	9.52 / 15.88	9.52 / 15.88	
Pipe Length	Chageless	m	15	15	15	15	20	20	20	20	
	Maximum		25	25	30	30	50	50	50	50	
	Height Difference		15	15	20	20	30	30	30	30	
Operating Range (Outdoor)	Cooling/Heating	°C	-10-46 / -15-24	-10-46 / -15-24	-15-46 / -15-24	-15-46 / -15-24	-15-46 / -15-24	-15-46 / -15-24	-15-46 / -15-24	-15-46 / -15-24	-15-46 / -15-24

Note

* Cooling/Heating capacities are based on the following conditions.

Cooling	Indoor temp. : 27°C DB/19°C WB Outdoor temp.: 35°C DB/24°C WB	Heating	Indoor temp. : 20°C DB Outdoor temp.: 7°C DB/6°C WB
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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



ISO 9001 Certified number: 01 100 89394
 ISO 14001 Certified number: 01 104 904301
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