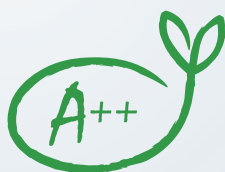# FUJITSU

AIR CONDITIONING

Model : ARYG24LMLA / ARYG30LMLE / ARYG36LMLE / ARYG45LMLA / ARYG36LMLA [3phase] / ARYG45LMLA [3phase]

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

ALL DC | i-PAM | V-PAM

A++

24 Model

Wired R.C.

For ARYG24LMLA

For ARYG30/36LMLE

For ARYG36/45LMLA

Economy | Auto Changeover | Adjust | Restart | Duct | Distributing | +Setback | Filter
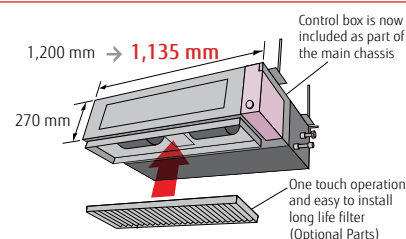
Medium Static Pressure Duct Range

Feature — Slim & compact design

In the case of bottom return air connection, not only does the indoor unit design allow for installation in a narrow ceiling space of up to 270 mm, Further space savings have been achieved by mounting the control box internally inside the chassis.

1,200 mm → **1,135 mm**

270 mm

Control box is now included as part of the main chassis

One touch operation and easy to install long life filter (Optional Parts)

Feature — Two-direction drain piping

2-type installation methods of ceiling concealed and floor concealed can be selected.

Duct indoor unit
Two-direction drain piping
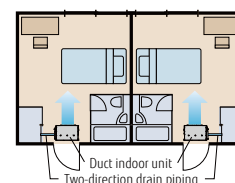
Feature — Easy Maintenance

Structural improvement is attained by making the bottom panel two pieces, front and rear. The internal fan casing is also manufactured in two pieces, namely upper and lower. The maintenance of the motor and fan can be easily carried out by removing the rear panel and the lower part of the casing while leaving the main chassis installed.

See below for the case of rear suction type

Previous model   New model

1.Control box
2.Fan casing
3.Fan
4.Motor

Large bottom panel: 1 piece

Bottom panel: 2 pieces
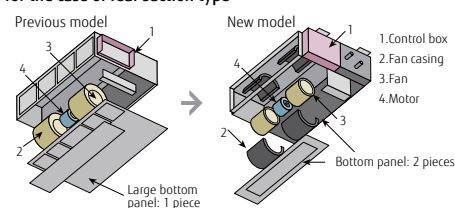
Feature — Low ambient operation

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

Cooling
46℃

Heating
24℃

-15℃

-10℃ (12/36 model)
-15℃

-15℃
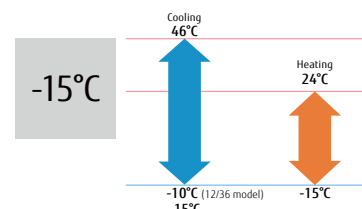
Optional parts

Wired Remote Controller:	UTYRVNYM	Modbus Interface	FJRCMBS1	
Simple Remote Controller:	UTYRSNYM	KNX Interface	FJRCKNX1i	
Flange (Round)	UTDRF204	WiFi Interface	FJRCWIFI1	
Flange (Square)	UTDSF045T			
Long Life Filter	UTDLF25NA			
Remote Sensor Unit	UTYXSZX			
Drain Pump Unit:	UTZPX1NBA			
IR Reciever Kit:	UTYLRHYM			
External Connect Kit	UTDECS5A			

Max. 1000 mm

UTZ-PX1NBA   Drain pump unit

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.

Connectable fresh air duct
Outside air can be introduced by attaching Locally purchased duct to fresh air knockout and optional part.

Connectable distributing duct
Systems are capable of attaching Locally purchased branch ducts distributing the airflow.

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.

Dimensions

(Unit : mm)

Front view

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

Side view (L)
Top view
Side view (R)
Rear view

Specifications

(TENTATIVE)

		ARYG24LMLA	ARYG30LMLE	ARYG36LMLE	ARYG45LMLA	3-Phase Units ARYG36LMLA	ARYG45LMLA
	Indoor	AOYG24LALA	AOYG30LETL	AOYG36LETL	AOYG45LETL	AOYG36LATT	AOYG45LATT
	Outdoor						
Nominal Capacity (kW)	Cooling	6.80 (0.90-8.00)	8.50 (2.80-10.00)	9.40 (2.80-11.20)	12.10 (4.00-13.30)	10.00 (4.70-11.40)	12.50 (5.00-14.00)
	Heating	8.00 (0.90-9.10)	10.00 (2.70-11.20)	11.20 (2.70-12.70)	13.30 (4.20-15.50)	11.20 (5.00-14.00)	14.00 (5.40-16.20)
UK Total / Sensible Cooling *		5.98 / 4.52	8.41 / 6.66	9.03 / 6.72	11.31 / 8.53	9.07 / 6.39	11.38 / 7.69
Power Consumption (kW)	Cooling	2.21	2.65	2.96	3.77	2.84	3.89
	Heating	2.26	2.68	3.10	3.68	2.87	3.88
EER / COP (Nominal Conditions)		3.08 / 3.54	3.21 / 3.73	3.18 / 3.61	3.21 / 3.61	3.52 / 3.90	3.21 / 3.61
Pdesign (kW) @ -10°C	Cooling	6.80	8.50	9.40	-	10.00	-
	Heating	6.00	8.00	8.70	-	10.00	-
SEER	Cooling	6.20	5.90	5.70	-	5.80	-
SCOP	Heating (Average)	4.00	3.90	3.80	-	4.00	-
Energy Efficiency Class	Cooling	A++	A+	A+	-	A+	-
	Heating (Average)	A+	A	A	-	A+	-
Annual Energy Consumption (kWh/a)	Cooling	384	504	576	-	603	-
	Heating	2098	2868	3202	-	3497	-
Moisture Removal	l/h	2.50	2.50	3.00	4.00	3.00	4.50
Dimensions (HxWxD) mm	Inner	270x1135x700	270x1135x700	270x1135x700	270x1135x700	270x1135x700	270x1135x700
	Outer	578x790x315	830x900x330	830x900x330	1290x900x330	1290x900x330	1290x900x330
Net Weight (kg)	Inner	38	40	40	40	40	40
	Outer	44	61	61	86	104	104
Room Air Circulation (high) m3/h	Inner	1100	1900	1900	2100	1800	2100
	Outer	2470	3600	3800	6200	6200	6750
Static Pressure Range (Standard)	Pa	30 to 150 (35)	30 to 150 (47)	30 to 150 (47)	30 to 150 (60)	30 to 150 (47)	30 to 150 (60)
Power Supply	V-PH-Hz	230 / 1 / 50	230 / 1 / 50	230 / 1 / 50	230 / 1 / 50	400 / 3 / 50	400 / 3 / 500
Power Supply To		Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor
Running Current (A)	Cooling	9.70	11.60	13.00	16.50	4.30	5.80
	Heating	9.90	11.70	13.60	16.10	4.40	5.80
Starting Current	A	9.90	12.20	13.70	22.50	10.00	10.00
Suggested MCB/Fuse	A	16	20	25	25	16	16
Interconnecting Cable		3 + E	3 + E	3 + E	3 + E	3 + E	3 + E
Remote Control Type		Wired	Wired	Wired	Wired	Wired	Wired
Sound Pressure (dB(A) Cooling)	Indoor Q/L/M/H	25 / 27 / 29 / 31	26 / 30 / 35 / 39	26 / 30 / 35 / 39	28 / 32 / 38 / 42	26 / 31 / 36 / 38	28 / 32 / 38 / 42
	Outdoor H	52	53	54	55	51	54
Sound Power (dB(A) Cooling)	Indoor H	60	65	65	-	65	-
	Outdoor H	67	68	69	-	67	-
Max Pipe Length	m	30	50	50	50	75	75
Max Height Difference	m	20	30	30	30	30	30
Refrigerant Charge	m	15	20	20	20	30	30
Additional Refrigerant Charge	g/m	20	40	40	40	50	50
Pipe Size (inches)	Gas	5/8	5/8	5/8	5/8	5/8	5/8
	Liquid	1/4	3/8	3/8	3/8	3/8	3/8
Operating Range (OC)	Cooling	-10 ~ 46	-15 ~ 46	-15 ~ 46	-15 ~ 46	-15 ~ 46	-15 ~ 46
	Heating	-15 ~ 24	-15 ~ 24	-15 ~ 24	-15 ~ 24	-15 ~ 24	-15 ~ 24
Refrigerant		R410A	R410A	R410A	R410A	R410A	R410A

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

Cooling	Indoor temperature 23°CDB / 16°CWB Outdoor temperature 30°C

• Performance test is in accordance with EN14511
• Seasonal efficiency test is on 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 :