

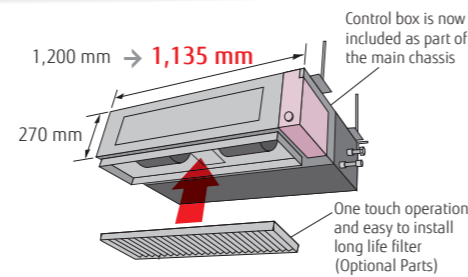
Medium Static Pressure Duct High Efficiency & Comfort



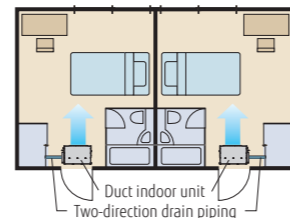
Features

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.



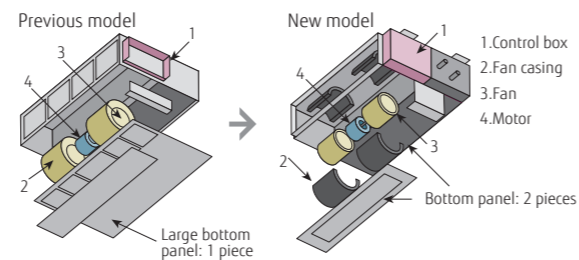
Two-direction drain piping



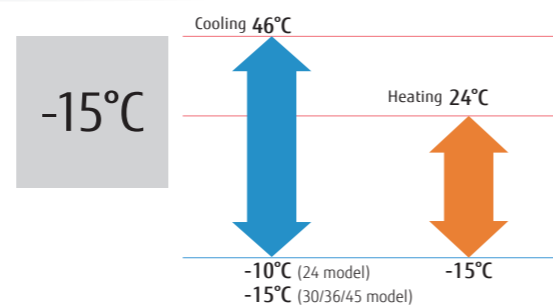
Easy maintenance

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



Low ambient operation



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



Wired R.C.



For ARYG24LMLA



For ARYG30/36LMLE



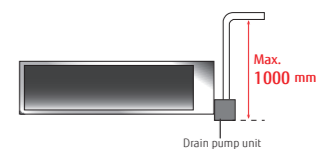
For ARYG36/45LMLA

Specifications

Model No.	Indoor unit		ARYG24LMLA	ARYG30LMLE	ARYG36LMLE	ARYG45LMLA	ARYG36LMLA	ARYG45LMLA
	Outdoor unit		AOYG24LALA	AOYG30LETL	AOYG36LETL	AOYG45LETL	AOYG36LATT	AOYG45LATT
Power Source	Single-phase, ~230V, 50Hz						3-phase, ~400V, 50Hz	
Capacity	Cooling	kW	6.8 (0.9-8.0)	8.5 (2.8-10.0)	9.4 (2.8-11.2)	12.1 (4.0-13.3)	10.0 (4.7-11.4)	12.5 (5.0-14.0)
	Heating		8.0 (0.9-9.1)	10.0 (2.7-11.2)	11.2 (2.7-12.7)	13.1 (4.2-15.5)	11.2 (5.0-14.0)	14.0 (5.4-16.2)
Input Power	Cooling/Heating	kW	2.21/2.26	2.65/2.68	2.96/3.10	3.77/3.68	2.84/2.87	3.89/3.88
EER	Cooling	W/W	3.08	3.21	3.18	3.21	3.52	3.21
COP	Heating		3.54	3.73	3.61	3.61	3.90	3.61
Pdesign	Cooling/Heating(-10°C)	kW	6.8/6.0	8.5/8.0	9.4/8.7	-	10.0/10.0	-
SEER	Cooling	W/W	6.20	5.90	5.70	-	5.80	-
SCOP	Heating		4.00	3.90	3.80	-	4.00	-
Energy Efficiency Class	Cooling	A	A++	A+	A+	-	A+	-
	Heating		A+	A	A	-	A+	-
Max. Operating Current	Cooling/Heating	A	12.0/13.5	17.0/17.0	18.5/20.0	21.0/21.0	8.5/8.5	9.5/9.5
Annual Energy Consumption	Cooling	kWh/a	384	504	576	-	603	-
	Heating		2098	2868	3202	-	3497	-
Moisture Removal		l/h	2.5	2.5	3.0	4.0	3.0	4.5
Sound Pressure Level	Indoor (Cooling)	H/M/L/Q	31/29/27/25	39/35/30/26	39/35/30/26	42/38/32/28	38/36/31/26	42/38/32/28
	Indoor (Heating)		H/M/L/Q	31/29/27/25	42/35/30/26	42/35/30/26	42/38/32/28	40/36/31/26
Sound Power Level	Outdoor (Cooling/Heating)	High	52/53	53/55	54/55	55/55	51/53	54/54
	Indoor (Cooling/Heating)		High	60/62	65/69	65/70	-	65/67
Airflow Rate	Indoor / Outdoor	High	67/70	68/69	69/70	-	67/69	-
	Indoor / Outdoor		m³/h	1100/2470	1900/3600	1900/3800	2100/6750	1800/6200
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)
Net Dimensions H x W x D	Indoor	mm	270x1135x700	270x1135x700	270x1135x700	270x1135x700	270x1135x700	270x1135x700
	Outdoor		kg(lbs)	38 (84)	40 (88)	40 (88)	40 (88)	40 (88)
Weight	Indoor	kg(lbs)	578x790x315	830x900x330	830x900x330	1290x900x330	1290x900x330	1290x900x330
	Outdoor		kg(lbs)	44 (97)	61 (134)	61 (134)	86 (190)	104 (229)
Connection Pipe Diameter (Liquid / Gas)		mm	6.35/15.88	9.52/15.88	9.52/15.88	9.52/15.88	9.52/15.88	9.52/15.88
Drain hose Diameter (I.D./O.D.)		mm	35.7/38.1	35.7/38.1	35.7/38.1	35.7/38.1	35.7/38.1	35.7/38.1
Max Pipe Length (Pre-Charge)		m	30 (15)	50 (20)	50 (20)	50 (20)	75 (30)	75 (30)
Max Height Difference		m	20	30	30	30	30	30
Operation Range	Cooling	°CDB	-10 to 46	-15 to 46	-15 to 46	-15 to 46	-15 to 46	-15 to 46
	Heating		-15 to 24	-15 to 24	-15 to 24	-15 to 24	-15 to 24	-15 to 24
Refrigerant	Type (Global Warming Potential)		R410A (2,088)	R410A (2,088)	R410A (2,088)	R410A (2,088)	R410A (2,088)	R410A (2,088)
	Charge	g	1,700	2,100	2,100	3,350	3,450	3,450

Optional parts

Wired Remote Controller:	UTY-RNNYM, UTY-RVNYM	Long Life Filter:	UTD-LF25NA
Simple Remote Controller:	UTY-RSNYM	Remote Sensor Unit:	UTY-XS2X
Flange (Round):	UTD-RF204	Drain Pump Unit:	UTZ-PX1NBA
Flange (Square):	UTD-SF045T	IR Receiver Kit:	UTY-LRHYM



Dimensions

(Unit : mm)

