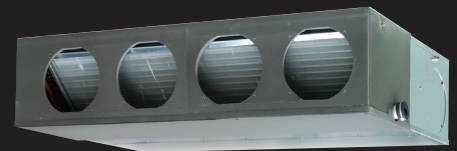


Medium Static Pressure Duct- Economy Series



Indoor unit
ARXG22/24/30/36/45KMLA

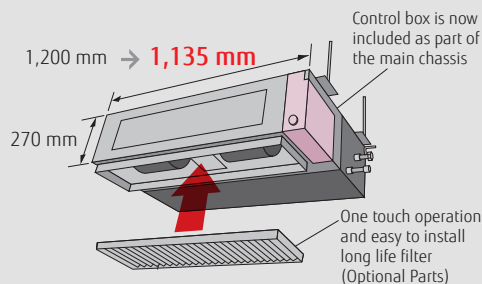
Outdoor unit
[Single phase] AOYG22/24/30/36/45KATA
[3 phase] AOYG36/45KQTA



Point Slim & compact design

Indoor Unit

The slim and compact design of the indoor unit, with the control box mounted on the side of the unit, allows installation in narrow spaces.

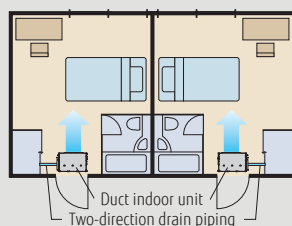


New Outdoor Unit

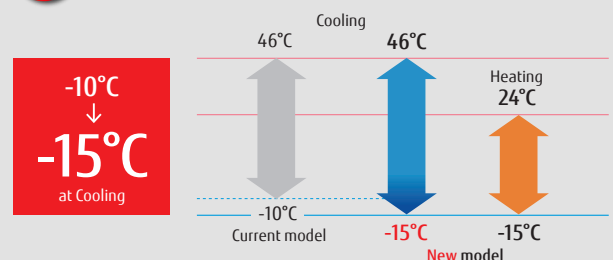
45 model outdoor unit was changed completely. Easier installation was realised by compact and lightweight outdoor unit.



Point Two-direction drain piping



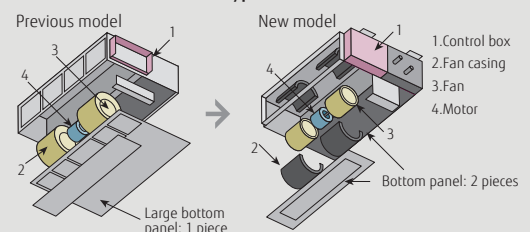
Point Low ambient operation



Point 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



Model: ARXG22KMLA / ARXG24KMLA / ARXG30KMLA / ARXG36KMLA / ARXG45KMLA
 [Single phase] AOYG22KATA / AOYG24KATA / AOYG30KATA / AOYG36KATA / AOYG45KATA
 [3 phase] AOYG36KQTA / AOYG45KQTA



AOYG22KATA



AOYG24KATA



AOYG30/36KATA
AOYG36KQTA



AOYG45KATA
AOYG45KQTA

Optional parts

Wired Remote Controller: UTY-RNRYZ3, UTY-RVNYM
 Simple Remote Controller: UTY-RSRY, UTY-RSNYM

IR Receiver Kit: UTY-LBTYM
 Wireless LAN Interface: UTY-TFSXZ1
 Remote Sensor Unit: UTY-XSZX

Long Life Filter: UTD-LF25NA
 External Connect Kit: UTY-XWZXZG
 Drain Pump Unit: UTZ-PX1NBA

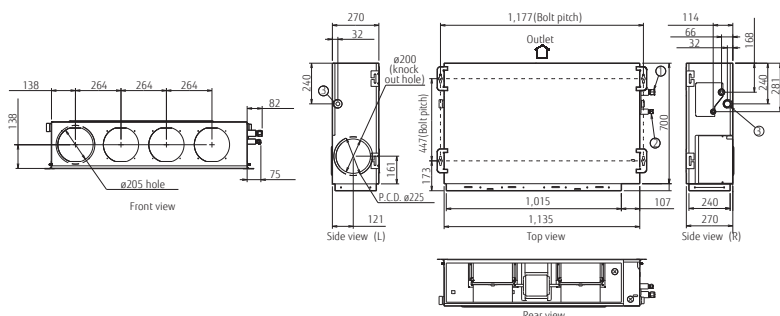
Flange(Round): UTD-RF204
 Flange(Square): UTD-SF045T

Dimensions

(Unit : mm)

Indoor unit :

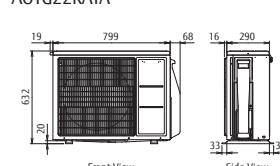
ARXG22/24/30/36/45KMLA



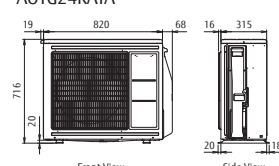
- ① Refrigerant piping flare connection (Liquid)
- ② Refrigerant piping flare connection (Gas)
- ③ Drain piping connection

Outdoor unit :

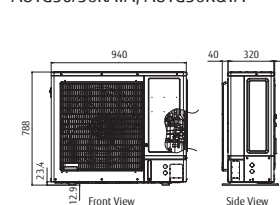
AOYG22KATA



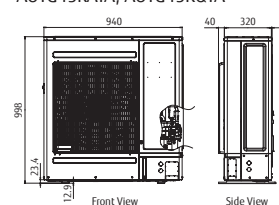
AOYG24KATA



AOYG30/36KATA, AOYG36KQTA



AOYG45KATA, AOYG45KQTA



Model No.	Indoor unit		ARXG22KMLA	ARXG24KMLA	ARXG30KMLA	ARXG36KMLA	ARXG45KMLA	ARXG36KMLA	ARXG45KMLA
	Outdoor unit		AOYG22KATA	AOYG24KATA	AOYG30KATA	AOYG36KATA	AOYG45KATA	AOYG36KQTA	AOYG45KQTA
Power Source			Single phase, ~230V, 50Hz					3 phase, ~400V, 50Hz	
Capacity	Cooling	kW	6.0(0.9-6.3)	6.8(0.9-7.4)	8.5(2.8-9.6)	9.5(2.8-10.6)	12.1(4.0-12.6)	9.5(2.8-10.6)	12.1(4.0-12.6)
	Heating		7.0(0.9-7.4)	7.5(0.9-8.6)	10.0(2.7-10.8)	10.8(2.7-12.5)	13.5(4.2-15.0)	10.8(2.7-12.5)	13.5(4.2-15.0)
UK Total/sensible cooling		kW	5.65 / 4.23	6.63 / 4.86	8.08 / 6.23	9.03 / 6.83	11.54 / 8.64	9.03 / 6.83	11.54 / 8.64
Input Power	Cooling/Heating	kW	1.92/2.00	2.19/2.00	2.78/2.77	3.13/3.03	4.84/4.18	3.13/3.03	4.84/4.18
EER	Cooling	W/W	3.13	3.11	3.06	3.04	2.50	3.04	2.50
COP	Heating		3.50	3.75	3.61	3.56	3.23	3.56	3.23
Pdesign	Cooling/Heating(-10°C)	kW	6.0/4.4	6.8/5.4	8.5/8.0	9.5/8.7	-	9.5/8.7	-
SEER	Cooling	W/W	5.8	5.9	5.8	5.6	-	5.6	-
SCOP	Heating		3.8	3.9	3.9	3.9	-	3.9	-
Energy Efficiency Class	Cooling		A+	A+	A+	A+	-	A+	-
	Heating		A	A	A	A	-	A	-
Annual Energy Consumption	Cooling	kWh/a	362	403	513	594	-	594	-
	Heating		1,620	1,935	2,871	3,122	-	3,122	-
Moisture Removal		l/h	2.1	2.5	2.5	3.0	4.0	3.0	4.0
Sound Pressure Level	Indoor (Cooling)	H/M/L/Q	31/29/27/25	31/29/27/25	39/35/30/26	39/35/30/26	42/38/32/28	39/35/30/26	42/38/32/28
	Indoor (Heating)	H/M/L/Q	31/29/27/25	31/29/27/25	42/35/30/26	42/35/30/26	42/38/32/28	42/35/30/26	42/38/32/28
Sound Power Level	Outdoor(Cooling/Heating)	High	52/53	54/55	53/55	55/55	58/59	55/55	58/59
	Indoor(Cooling/Heating)	High	60/62	60/62	65/69	65/70	68/70	65/70	68/70
Airflow Rate	Indoor / Outdoor (Cooling)	High	1,100/2,240	1,100/2,885	1,900/3,750	1,900/3,750	2,100/4,450	1,900/3,750	2,100/4,450
	Indoor / Outdoor (Heating)	High	1,100/2,240	1,100/2,350	2,100/3,750	2,100/3,750	2,100/4,450	2,100/3,750	2,100/4,450
Static pressure range (Standard)		Pa	30 - 150 (35)	30 - 150 (35)	30 - 150 (47)	30 - 150 (47)	30 - 150 (60)	30 - 150 (47)	30 - 150 (60)
Net Dimensions	Indoor	mm	270×1,135×700	270×1,135×700	270×1,135×700	270×1,135×700	270×1,135×700	270×1,135×700	270×1,135×700
H x W x D	Outdoor	mm	632×799×290	632×799×290	788×940×320	788×940×320	998×940×320	788×940×320	998×940×320
Weight	Indoor	kg(lbs)	35(77)	35(77)	38(84)	38(84)	39(86)	38(84)	39(86)
	Outdoor	kg(lbs)	36(79)	38(84)	52(115)	52(115)	61(134)	53(117)	62(137)
Remote Controller Type (NOT Supplied With Unit)									
Interconnecting Cable (Suggested cable size 1.5mm)									
Suggested MCB Size		Amp	16	20	25	25	32	16	16
Max. Operating Current	Cooling/Heating	A	11.6/11.6	12.6/12.6	22.5/22.5	22.5/22.5	28.1/28.1	10.5/10.5	13.6/13.6
Power Supply To			Outdoor						
Connection Pipe Diameter (Gas / Liquid)		Inch	1/2 & 1/4	1/2 & 1/4	5/8 & 3/8	5/8 & 3/8	5/8 & 3/8	5/8 & 3/8	5/8 & 3/8
Max Pipe Length (Pre-Charge)		m	25 (15)	25(20)	30(30)	30(30)	30(30)	30(30)	30(30)
Max Height Difference			20	20	30	30	30	30	30
Refrigerant	Type		R32	R32	R32	R32	R32	R32	R32
	Charge	g	1100	1250	1900	1900	2400	1900	2400
	Additional Charge	g/m	20	20	-	-	-	-	-
Operation Range	Cooling	°CDB	-10 to 46	-10 to 46	-10 to 46	-10 to 46	-10 to 46	-10 to 46	-10 to 46
	Heating		-15 to 24	-15 to 24	-15 to 24	-15 to 24	-15 to 24	-15 to 24	-15 to 24

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 •Actual products' colors may be different from the colors shown in this printed material.

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