

High Static Pressure Duct

Indoor unit
ARXG45/54KHTA

Outdoor unit
[Single phase] AOYG45/54KBTB
[3 phase] AOYG45/54KRTA



Point Easy installation (Compact size & lightweight)

A compact size and lightweight indoor unit & outdoor unit has been developed by reducing the basic chassis and the overall material weight.



Current model

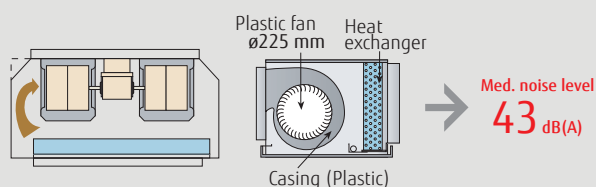


New 45/54 models

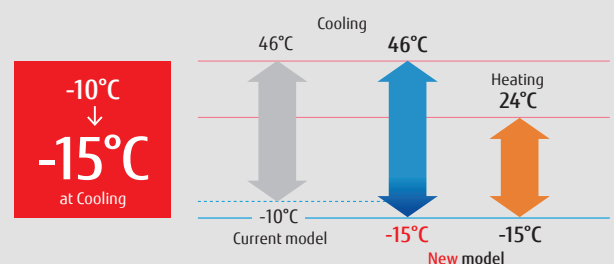
Height
-22.7%

Point Low noise

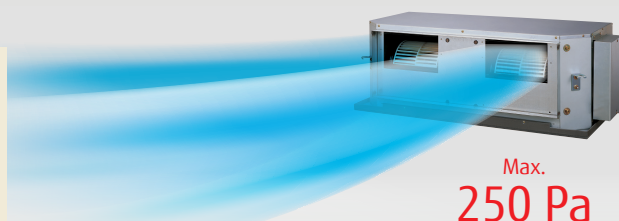
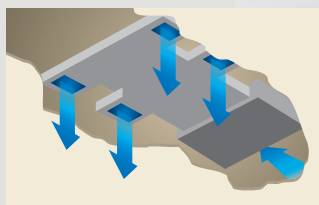
Cutting off the corners has enabled less turbulent airflow. Low noise is realised by adopting a plastic case and a plastic fan.



Point Low ambient operation



Point Design also corresponding to high static pressure



Model: ARXG45KHTA / ARXG54KHTA
 [Single phase] AOYG45KBTB / AOYG54KRTA
 [3 phase] AOYG45KRTA / AOYG54KRTA



ARXG45/54KHTA



AOYG45/54KBTB
AOYG45/54KRTA

Optional parts

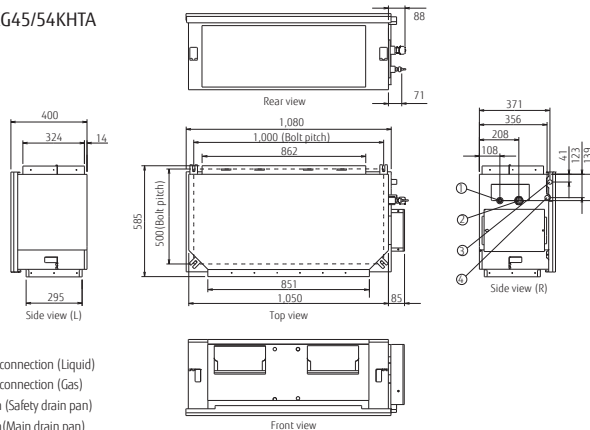
Wired Remote Controller: UTY-RVNYM
 Simple Remote Controller: UTY-RSNYM

Wireless LAN Interface: UTY-TFNXZ1
 Remote Sensor Unit: UTY-XSZX

Long Life Filter: UTD-LF60KA
 External Connect Kit: UTD-ECS5A

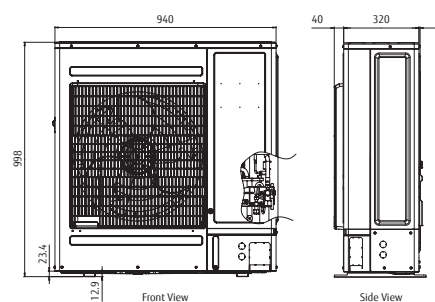
Dimensions

Indoor unit : ARXG45/54KHTA



Outdoor unit : AOYG45/54KBTB
AOYG45/54KRTA

(Unit : mm)



Model No.	Indoor unit		ARXG45KH T A	ARXG54KH T A	ARXG45KH T A	ARXG54KH T A
	Outdoor unit		AOYG45KB T B	AOYG54KB T B	AOYG45KRT A	AOYG54KRT A
Power Source			Single-phase, ~230V, 50Hz		3 phase, ~400V, 50Hz	
Capacity	Cooling	kW	12.1 (4.0-14.0)	13.4 (5.0-14.5)	12.1 (4.0-14.0)	13.4 (5.0-14.5)
	Heating		13.5 (5.0-16.2)	15.5 (5.5-18.0)	13.5 (5.0-16.2)	15.5 (5.5-18.0)
UK Total/sensible cooling			11.54/9.68	12.78/10.60	11.54 / 9.68	12.78 / 10.60
Input Power	Cooling/Heating	kW	4.16/3.61	4.77/4.18	4.16/3.61	4.77/4.18
EER	Cooling	W/W	2.91	2.81	2.91	2.81
COP	Heating		3.74	3.71	3.74	3.71
Pdesign	Cooling/Heating(-10°C)	kW	-	-	-	-
SEER	Cooling	W/W	-	-	-	-
SCOP	Heating		-	-	-	-
Energy Efficiency Class	Cooling		-	-	-	-
	Heating		-	-	-	-
Annual Energy Consumption	Cooling	kWh/a	-	-	-	-
	Heating		-	-	-	-
Moisture Removal		l/h	1.5	2.0	1.5	2.0
Sound Pressure Level	Indoor (Cooling)	H/M/L	dB(A)	47/43/40	47/43/40	47/43/40
	Indoor (Heating)	H/M/L		47/43/40	47/43/40	47/43/40
Sound Power Level	Outdoor(Cooling/Heating)	High		57/57	57/59	57/57
	Indoor(Cooling/Heating)	High		75/74	75/74	75/74
	Outdoor(Cooling/Heating)	High		71/71	73/73	71/71
Airflow Rate	Indoor / Outdoor (Cooling)	High	m³/h	3,350/4,450	3,350/4,450	3,350/4,450
	Indoor / Outdoor (Heating)	High		3,350/4,450	3,350/4,450	3,350/4,450
Static pressure range (Standard)		Pa	100 to 250 (100)	100 to 250 (100)	100to250 (100)	100to250 (100)
Net Dimensions H x W x D	Indoor	mm	400x1,050x500	400x1,050x500	400x1,050x500	400x1,050x500
	Outdoor	mm	46 (101)	46 (101)	998x940x320	998x940x320
Weight	Indoor	kg(lbs)	998x940x320	998x940x320	46 (101)	46 (101)
	Outdoor	kg(lbs)	67 (148)	67 (148)	67 (148)	67 (148)
Remote Controller Type (NOT Supplied With Unit)			NO CONTROLLER SUPPLIED WITH THESE UNITS PLEASE ORDER SEPARATELY			
Interconnecting Cable (Suggested cable size 1.5mm)			3 Core + Earth			
Suggested MCB Size		Amp	30	30	16	16
Max. Operating Current	Cooling/Heating	A	28.5	28.5	14.0/14.0	14.0/14.0
Power Supply To			Outdoor			
Connection Pipe Diameter (Gas / Liquid)		Inch	5/8 & 3/8	5/8 & 3/8	9.52/15.88	9.52/15.88
Max Pipe Length (Pre-Charge)		m	50 (30)	50 (30)	50 (30)	50 (30)
Max Height Difference			30	30	30	30
Operation Range	Cooling	°CDB	-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
Refrigerant	Type	g	R32	R32	R32 (675)	R32 (675)
	Charge		2700	2700	2700	2700
	Additional Charge		40	40	40	40
Filter (To be ordered separatley)			UTD-LF60KA	UTD-LF60KA	UTD-LF60KA	UTD-LF60KA

• Specifications and design are subject to change without notice for further improvement.
 • Actual products' colors may be different from the colors shown in this printed material.

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