

High Static Pressure Duct



Model : ARXG45KHTA / ARXG54KHTA
ARXG45KHTA [3 phase] / ARXG54KHTA [3 phase]



Specifications

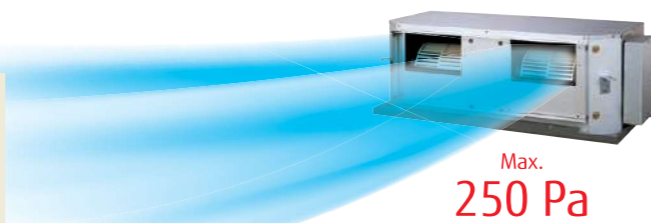
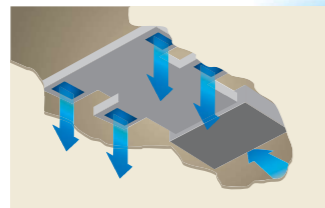
Model No.	Indoor unit		ARXG45KHTA	ARXG54KHTA	ARXG45KHTA	ARXG54KHTA
	Outdoor unit		AOYG45KBTB	AOYG54KBTB	AOYG45KRTA	AOYG54KRTA
Power Source	Single phase, ~230V, 50Hz			3 phase, ~400V, 50Hz		
Capacity	Cooling	kW	12.1 (4.0-14.0)	13.4 (5.0-14.5)	12.1 (4.0-14.0)	13.4 (5.0-14.5)
	Heating		13.5 (5.0-16.2)	15.5 (5.5-18.0)	13.5 (5.0-16.2)	15.5 (5.5-18.0)
Input Power	Cooling/Heating	kW	4.16/3.61	4.77/4.18	4.16/3.61	4.77/4.18
	EER		Cooling	2.91	2.81	2.91
COP	Cooling	W/W	3.74	3.71	3.74	3.71
	Heating		-	-	-	-
Pdesign	Cooling/Heating(-10°C)	kW	-	-	-	-
	SEER		Cooling	-	-	-
SCOP	Heating	W/W	-	-	-	-
	Energy Efficiency Class		Cooling	-	-	-
Max. Operating Current	Cooling/Heating	A	28.5/28.5	28.5/28.5	14.0/14.0	14.0/14.0
	Annual Energy Consumption		Cooling	-	-	-
Moisture Removal	Heating	l/h	1.5	2.0	1.5	2.0
	Sound Pressure Level		Indoor (Cooling)	H/M/L	47/43/40	47/43/40
Sound Power Level		Indoor (Heating)	H/M/L	47/43/40	47/43/40	47/43/40
	Airflow Rate	Outdoor (Cooling/Heating)	High	57/57	57/59	57/57
Static pressure range (Standard)		Indoor (Cooling/Heating)	High	75/74	75/74	75/74
	Net Dimensions	Indoor / Outdoor (Cooling)	High	71/71	73/73	71/71
Weight		Indoor / Outdoor (Heating)	High	3,350/4,450	3,350/4,450	3,350/4,450
	Connection Pipe Diameter (Liquid / Gas)	Indoor / Outdoor (Heating)	High	3,350/4,450	3,350/4,450	3,350/4,450
Drain hose Diameter (I.D./O.D.)		Indoor	mm	100 to 250 (100)	100 to 250 (100)	100 to 250 (100)
	Max. Pipe Length (Pre-Charge)	Outdoor	mm	400 × 1,050 × 500	400 × 1,050 × 500	400 × 1,050 × 500
Max. Height Difference		Indoor	kg(lbs)	46 (101)	46 (101)	46 (101)
	Operating Range	Outdoor	kg(lbs)	67 (148)	67 (148)	67 (148)
Refrigerant		Indoor	mm	9.52/15.88	9.52/15.88	9.52/15.88
	Charge	Outdoor	mm	23.4/25.4	23.4/25.4	23.4/25.4
Type (Global Warming Potential)		Indoor	m	50 (30)	50 (30)	50 (30)
	Charge	Indoor	°CDB	30	30	30
Charge		Heating	°CDB	-15 to 46	-15 to 46	-15 to 46
	Charge	Heating	°CDB	-15 to 24	-15 to 24	-15 to 24
Charge		Type (Global Warming Potential)		R32 (675)	R32 (675)	R32 (675)
	Charge	Charge	kg(CO2eq-t)	2.70(1.823)	2.70(1.823)	2.70(1.823)

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.

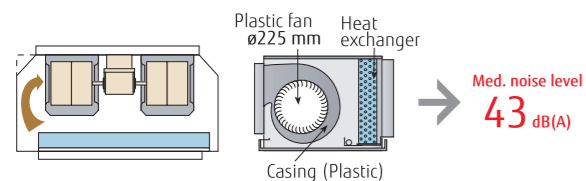


Design also corresponding to high static pressure

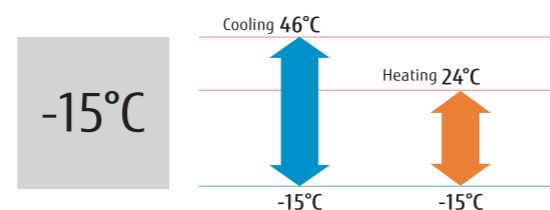


Low noise

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



Low ambient operation



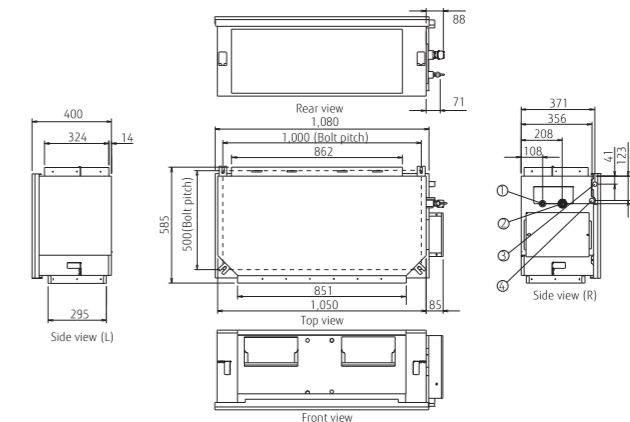
Optional parts

* For optional parts compatibility of Intesis devices, please refer to the optional parts compatibility list page C-046.

Wired Remote Controller: UTY-RNNYM UTY-RVNYM	External Connect Kit: UTD-ECS5A Remote Sensor Unit: UTY-XS2X	Network Converter for single split (DC power supply type): UTY-VTGX Network Converter for single split (AC power supply type): UTY-VTGXV
Simple Remote Controller: UTY-RSNYM	Long-Life Filter: UTD-LF60KA	
Wireless LAN Interface: UTY-TFNXZ1 FJ-RC-WIFI-1	External Switch Controller: UTY-TERX	(Outdoor unit 45/54) External Connect Kit: UTY-XWZX23

Dimensions

(Unit : mm)



- ① Refrigerant piping flare connection (Liquid)
- ② Refrigerant piping flare connection (Gas)
- ③ Drain piping connection (Safety drain pan)
- ④ Drain piping connection (Main drain pan)