

Model : ARXG45KHTA / ARXG54KHTA

NEW ARXG45KHTA [3 phase] / **NEW** ARXG54KHTA [3 phase]



Standard 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)
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	47/43/40	47/43/40	47/43/40	47/43/40
	Indoor (Heating)	H/M/L	47/43/40	47/43/40	47/43/40	47/43/40
	Outdoor(Cooling/Heating)	High	57/57	57/59	57/57	57/59
Sound Power Level	Indoor(Cooling/Heating)	High	75/74	75/74	75/74	75/74
	Outdoor(Cooling/Heating)	High	71/71	73/73	71/71	73/73
Airflow Rate	Indoor / Outdoor (Cooling)	High	3,350/4,450	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	3,350/4,450
Static pressure range (Standard)		Pa	100 to 250 (100)	100 to 250 (100)	100to250 (100)	100to250 (100)
Net Dimensions		mm	400x1,050x500	400x1,050x500	400x1,050x500	400x1,050x500
H x W x D		mm	998x940x320	998x940x320	998x940x320	998x940x320
Weight	Indoor	kg(lbs)	46 (101)	46 (101)	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		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	5/8 & 3/8	5/8 & 3/8
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		R32	R32	R32 (675)	R32 (675)
	Charge	g	2700	2700	2700	2700
	Additional Charge	g/m	40	40	40	40
Filter (To be ordered separately)			UTD-LF60KA	UTD-LF60KA	UTD-LF60KA	UTD-LF60KA

Optional parts

Wired Remote Controller: UTY-RVNYM
Simple Remote Controller: UTY-RSNYM
Wireless LAN Interface: UTY-TFNXZ1
FJ-RC-WIFI-2

External Connect Kit: UTD-ECS5A
Remote Sensor Unit: UTY-XSZX
Long-Life Filter: UTD-LF60KA
MODBUS® Interface: FJ-RC-MBS-1
KNX® Interface: FJ-RC-KNX-1i

Network Converter for single split (DC power supply type): UTY-VTGX
Network Converter for single split (AC power supply type): UTY-VTGXV
External Switch Controller: UTY-TERX
(Outdoor unit 45/54)
External Connect Kit: UTY-XWZXZ3

Dimensions

(Unit : mm)

