



SPLIT

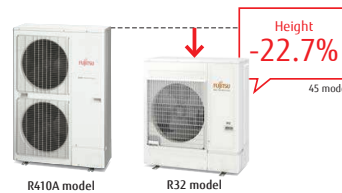
NEW

High Static Pressure Duct

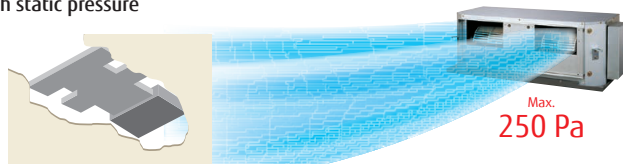


Easy installation (Compact & Lightweight)

The indoor and outdoor units are designed to be compact and light by reducing the basic chassis size and the overall material weight.

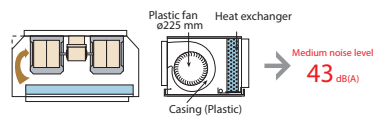


Design also suits high static pressure



Low noise

Slanted corners at the top help reduce turbulent airflow. Low noise is realized by adopting a plastic case and a plastic fan.



Link up with a variety of Central Control System (Option)

Centralized control including facilities and equipment in addition to air conditioning is possible by linking up with MODBUS, KNX interfaces.



Model: ARXG45KHTB/ARXG54KHTB ARXG45KHTB [3-phase]/ARXG54KHTB [3-phase]



Specifications

Model name	Indoor unit		ARXG45KHTB	ARXG54KHTB	ARXG45KHTB	ARXG54KHTB
	Outdoor unit		AOYG45KBTB	AOYG54KBTB	AOYG45KRTA	AOYG54KRTA
Power Source			Single phase, ~230 V, 50 Hz		3-phase, ~400 V, 50 Hz	
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
	Cooling		2.91	2.81	2.91	2.81
EER	Cooling	W/W	2.91	3.71	2.91	3.71
	Heating		3.74	3.71	3.74	3.71
COP	Cooling	kW	-	-	-	-
	Heating		-	-	-	-
Pdesign	Cooling/Heating (-10°C)	kW	-	-	-	-
	Cooling		-	-	-	-
SEER	Cooling	W/W	-	-	-	-
	Heating		-	-	-	-
SCOP	Cooling	W/W	-	-	-	-
	Heating		-	-	-	-
Energy Efficiency Class	Cooling	Class	-	-	-	-
	Heating		-	-	-	-
Max. Operating Current	Cooling/Heating	A	28.5/28.5	28.5/28.5	14.0/14.0	14.0/14.0
	Cooling		-	-	-	-
Annual Energy Consumption	Cooling	kWh/a	-	-	-	-
	Heating		-	-	-	-
Moisture Removal	Cooling	l/h	1.5	2.0	1.5	2.0
	Heating		-	-	-	-
Sound Pressure Level	Indoor (Cooling)	H/M/L	47/43/40	47/43/40	47/43/40	47/43/40
	Indoor (Heating)		47/43/40	47/43/40	47/43/40	47/43/40
Sound Power Level	Outdoor (Cooling/Heating)	High	57/57	57/59	57/57	57/59
	Indoor (Cooling/Heating)		High	75/74	75/74	75/74
Airflow Rate	Outdoor (Cooling/Heating)	High	71/71	73/73	71/71	73/73
	Indoor/Outdoor (Cooling)		High	m ³ /h	3,350/4,450	3,350/4,450
Static pressure range (Standard)	Indoor/Outdoor (Cooling)	High	m ³ /h	3,350/4,450	3,350/4,450	3,350/4,450
	Indoor/Outdoor (Heating)		High	Pa	100 to 250 (100)	100 to 250 (100)
Net Dimensions H x W x D	Indoor	mm	400 × 1,050 × 500	400 × 1,050 × 500	400 × 1,050 × 500	400 × 1,050 × 500
	Outdoor		mm	998 × 940 × 320	998 × 940 × 320	998 × 940 × 320
Weight	Indoor	kg (lbs)	46 (101)	46 (101)	46 (101)	46 (101)
	Outdoor		kg (lbs)	67 (148)	67 (148)	67 (148)
Connection Pipe Diameter (Liquid/Gas)	Indoor	mm	9.52/15.88	9.52/15.88	9.52/15.88	9.52/15.88
	Outdoor		mm	23.4/25.4	23.4/25.4	23.4/25.4
Max. Pipe Length (Pre-Charge)	Indoor	m	50 (30)	50 (30)	50 (30)	50 (30)
	Outdoor		m	30	30	30
Max. Height Difference	Indoor	m	30	30	30	30
	Outdoor		m	30	30	30
Operating 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 (Global Warming Potential)	Charge	R32 (675)	R32 (675)	R32 (675)	R32 (675)
	Charge		kg (CO2eq-1)	2.70 (1.823)	2.70 (1.823)	2.70 (1.823)

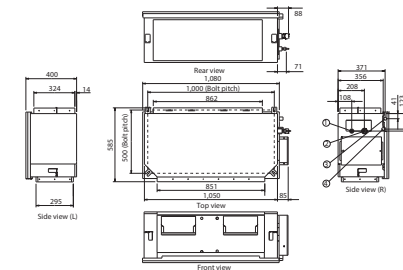
Optional parts

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

Compact wired remote controller:	UTY-RCRZ1	External connect kit:	UTY-XWZXZG	External input and output PCB:	UTY-XCSX+UTZ-GXEA
Wired remote controller (touch panel):	UTY-RNRZ5	Remote sensor unit:	UTY-XSZA		
Wired remote controller:	UTY-RLRY	Long-life filter:	UTD-LF60KA	(Outdoor unit)	
Simple remote controller:	UTY-RSRY	External switch controller:	UTY-TERX	External connect kit:	UTY-XWZXZ3
	UTY-RHRY	WLAN adapter:	UTY-TFSXZ1		
IR Receiver unit:	UTY-LBTYM	Silver Ion Filter:	UTD-HFKB		

Dimensions

(Unit: mm)



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