

## NEW PRODUCT RELEASE

## Split Air Conditioner High Static Duct

Model (1 Phase):

ARXG45KHTB / AOEG45KBTB  
ARXG54KHTB / AOEG54KBTB

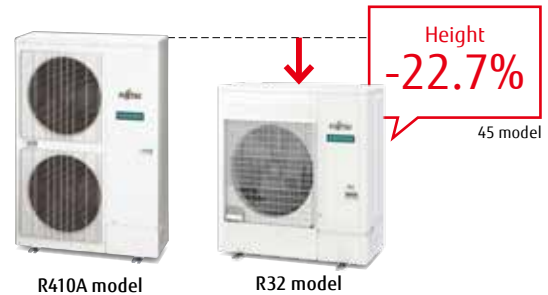
Model (3 Phase):

ARXG45KHTB / AOEG45KRTA  
ARXG54KHTB / AOEG54KRTA

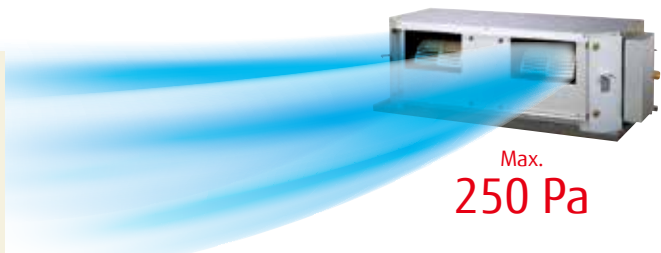
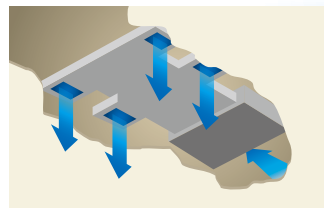


### Easy installation (Compact & Lightweight)

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

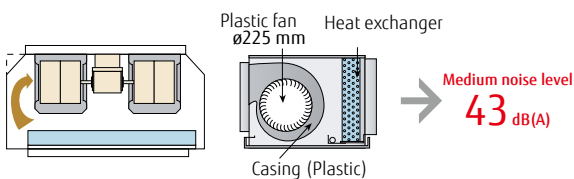


### Design also suits high static pressure



### 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.





For ARXG45KMLA

## Specifications

Model name	Indoor unit		ARXG45KHTB	ARXG54KHTB	ARXG45KHTB	ARXG54KHTB
	Outdoor unit		AOEG45KBTB	AOEG54KBTB	AOEG45KRTA	AOEG54KRTA
Power Source			Single phase, ~230 V, 50 Hz		3-phase, ~400 V, 50 Hz	
Capacity	Cooling	kW	12.1	13.4	12.1	13.4
	Heating		13.5	15.5	13.5	15.5
UK Total Cooling / UK Sensible Cooling			11.54 / 9.68	12.78 / 10.60	11.54 / 9.68	12.78 / 10.60
Input Power	Cooling/Heating		4.16/3.61	4.77/4.18	4.16/3.61	4.77/4.18
EER	Cooling		2.91	2.81	2.91	2.81
COP	Heating		3.74	3.71	3.74	3.71
Pdesign	Cooling/Heating (-10°C)		-	-	-	-
SEER	Cooling		5.14*	5.10*	5.14*	5.10*
SCOP	Heating		4.00*	3.96*	4.00*	3.96*
Energy Efficiency Class	Cooling		-	-	-	-
	Heating		-	-	-	-
Annual Energy Consumption	Cooling		-	-	-	-
	Heating		-	-	-	-
Moisture Removal			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
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	75/74
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)			100 to 250 (100)	100 to 250 (100)	100 to 250 (100)	100 to 250 (100)
Net Dimensions H x W x D	Indoor		400 × 1,050 × 500	400 × 1,050 × 500	400 × 1,050 × 500	400 × 1,050 × 500
	Outdoor		998 × 940 × 320	998 × 940 × 320	998 × 940 × 320	998 × 940 × 320
Weight	Indoor		46	46	46	46
	Outdoor		67	67	67	67
Remote Controller Type			NO CONTROLLER SUPPLIED WITH THESE UNITS PLEASE ORDER SEPARATELY			
Interconnecting Cable (Suggested cable size 1.5mm)			3 Core + Earth		3 Core + Earth	
Suggested MCB Size			A		16	
Max. Operating Current	Cooling/Heating		A		14.0	
Power Supply To			Outdoor		Outdoor	
Connection Pipe Diameter (Liquid/Gas)			Inch		3/8 & 5/8	
Max. Pipe Length (Pre-Charge)			m		50 (30)	
Max. Height Difference					30	
Refrigerant	Type (Global Warming Potential)		R32 (675)		R32 (675)	
	Charge (CO2eq-T)		2700 (1,823)		2700 (1,823)	
	Additional Charge		g/m		40	
Operating Range	Cooling		°CDB		-15 to 46	
	Heating				-15 to 24	

\* calculated result

## Optional parts

\* For optional parts compatibility of Intesis devices, please refer to the optional parts compatibility list page M-102 to M-103.

Wired Remote Controller (Design type):	UTY-RVRY	Remote sensor unit:	UTY-XSZXZ1	Network Converter for single split (DC power supply type):	UTY-VTGX
Compact wired remote controller:	UTY-RCRYZ1	Long-life filter:	UTD-LF60KA	Network Converter for single split (AC power supply type):	UTY-VTGXV
Wired remote controller (touch panel):	UTY-RNRYZ5	External switch controller:	UTY-TERX	Silver Ion Filter:	UTD-HFKB
Simple remote controller (without operation mode):	UTY-RHRY	WLAN adapter:	UTY-TFSXJ3	External connect kit:	UTY-XWZXZG
Simple remote controller:	UTY-RSRY		FG-AC-WIF1Z1		
Wireless Remote Controller:	UTY-LNTY	External input and output PCB:	UTY-XCSX	(Outdoor unit)	
IR Receiver unit:	UTY-LBTYM	External input and output PCB Box:	UTZ-GXEA	External connect kit:	UTY-XWZXZ3

## Dimensions

(Unit: mm)

