

## NEW PRODUCT RELEASE

## Split Air Conditioner Big Duct

Model:

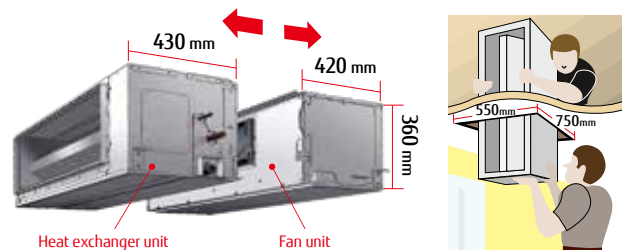
ARYG72LHTA / AOYG72LRLA

ARYG90LHTA / AOYG90LRLA



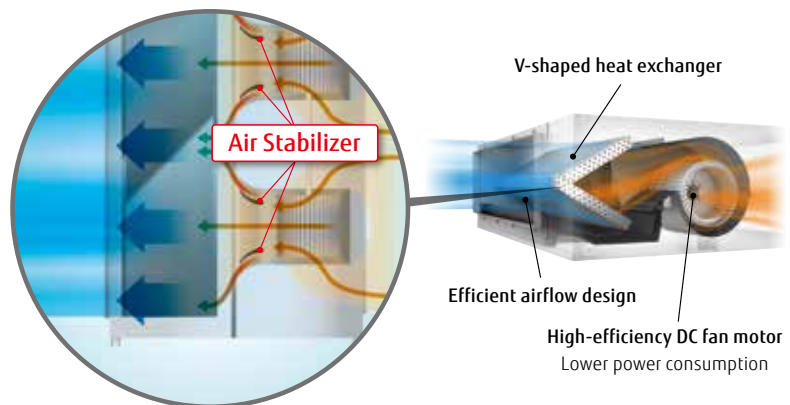
### Splittable, lightweight, and compact design

The indoor unit can be split into a fan unit and a heat exchanger unit to make installation easier.



### Quiet operation

The combination of a V-shaped heat exchanger, an air stabilizer, and a high-efficiency DC fan motor enables this compact unit to operate quietly.



### Automatic airflow adjustment function

The optimum airflow can be set automatically to facilitate faster installation.

Automatically adjust!



### 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.





Wired RC



## Specifications

Model name	Indoor unit		ARYG72LHTA	ARYG90LHTA
	Outdoor unit		AOYG72LRLA	AOYG90LRLA
Power Source	Indoor Outdoor		Single phase, ~230 V, 50 Hz 3-phase, ~400 V, 50 Hz	
Capacity	Cooling	kW	19.0	22.0
	Heating		22.4	27.0
UK Total Cooling / UK Sensible Cooling			18.96 / 14.65	21.95 / 16.62
Input Power	Cooling/Heating		6.46/6.59	7.77/8.18
EER	Cooling	W/W	2.94	2.83
COP	Heating		3.40	3.30
SEER	Cooling		5.22*	5.14*
SCOP	Heating		3.94*	3.92*
Moisture Removal		l/h	4.5	6.0
Sound Pressure	Indoor (Cooling)	H/M/L/Q	46/43/41/39	47/44/42/40
	Indoor (Heating)	H/M/L/Q	46/43/41/39	47/44/42/40
	Outdoor (Cooling/Heating)	High	55/55	55/57
Airflow Rate	Indoor/Outdoor (Cooling)	High	4,300/8,400	4,300/8,400
	Indoor/Outdoor (Heating)	High	4,300/8,400	4,300/9,000
Static pressure range (Standard)		Pa	50 to 150 (72)	50 to 200 (72)
Net Dimensions	Indoor	mm	360 × 1,400 × 850	360 × 1,400 × 850
H x W x D	Outdoor	mm	1,428 × 1,080 × 480	1,428 × 1,080 × 480
Weight	Indoor	kg	69	80
	Outdoor	kg	165	174
Remote Controller Type		Wired (image above) supplied with indoor unit		
Interconnecting Cable (Suggested cable size 2.5mm)		3 Core + Earth		
Suggest MCB Size		A	Outdoor 16 Amp 3ph / Indoor 6 Amp 240 1ph	Outdoor 20 Amp 3ph / Indoor 10 Amp 240 1ph
Max. Operating Current	Indoor	A	4.6	6.0
	Outdoor	A	13.3	14.6
Power Supply To		Outdoor & Indoor		
Connection Pipe Diameter (Liquid/Gas)		Inch	1/2 & 7/8	12.7/25.4
Max. Pipe Length (Pre-Charge)		m	100 (30)	100 (30)
Max. Height Difference			30	30
Refrigerant	Type (Global Warming Potential)		R410A (2,088)	R410A (2,088)
	Charge (CO2eq-T)		5600 (11.693)	7100 (14.825)
	Additional Charge		g/m	110
Operating Range	Cooling	°CDB	-15 to 46	
	Heating		-20 to 24	

\* calculated result

## Optional parts

\* For optional parts compatibility of Intesis devices, please contact your sales rep

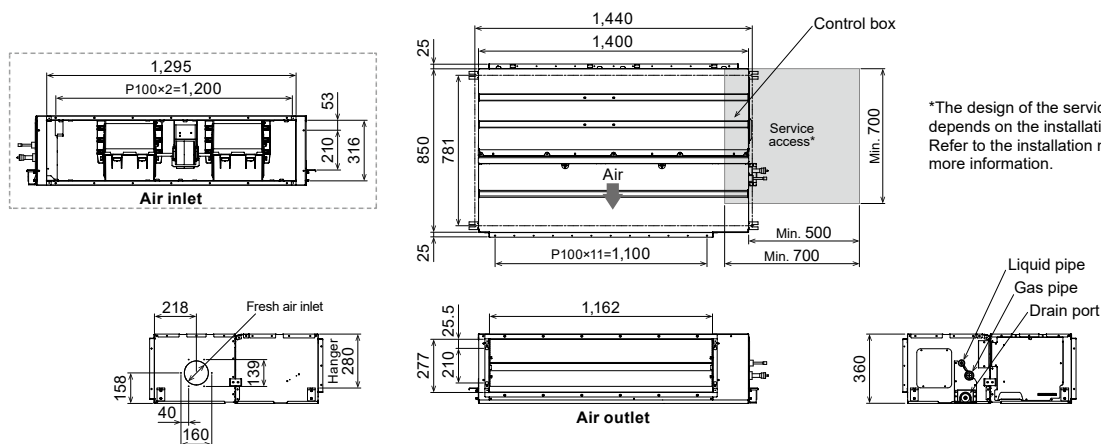
Wired Remote Controller (Design type): UTY-RVRY  
 Compact wired remote controller: UTY-RCRYZ1  
 Wired remote controller (touch panel): UTY-RNRYZ5  
 Wired remote controller: UTY-RVNYM  
 Simple remote controller (without operation mode): UTY-RHRY  
 Simple remote controller: UTY-RSRY  
 External switch controller: UTY-TERX

WLAN adapter: UTY-TFSXJ3  
 FG-AC-WIF1Z1  
 External input and output PCB: UTY-XCSX  
 Remote sensor unit: UTY-XSZXZ1  
 Long-life filter: UTD-LFKA  
 External connect kit: UTY-XWZXZG  
 Drain pump unit: UTZ-PX1NAB

Network Converter for single split (DC power supply type): UTY-VTGX  
 Network Converter for single split (AC power supply type): UTY-VTGXV  
 IR receiver unit: UTY-LBTYM  
 Wireless Remote Controller: UTY-LNTY  
 Silver Ion Filter: UTD-HFKA  
 (Outdoor unit)  
 External connect kit: UTY-XWZXZ3

## Dimensions

(Unit: mm)



\*The design of the service access depends on the installation method. Refer to the installation manual for more information.