



PRODUCT LINEUP

SPLIT SYSTEMS





Energy saving design to provide a comfortable indoor environment while being environmentally friendly.

An air conditioner that is people-friendly is also environmentally friendly. Fujitsu General offers a broad lineup of products from large living rooms to bedrooms and children's rooms.

- 020 SPLIT Indoor Units Lineup
- 022 Feature Explanation



SPLIT

Refrigerant type R32 models


























- 026 Wall Mounted Flagship Range Series
- 028 Wall Mounted Designer Range Series
 - High Spec & Design
- 030 Wall Mounted Standard Range Series
 - High Efficiency & Comfort

Refrigerant type R410A models

- 032 Wall Mounted Designer Range Series
 - High Spec & Design
 - High COP
- 036 Wall Mounted Standard Range Series
 - High Efficiency & Comfort
 - Comfort for Large Room
- 042 Wall Mounted ECO Range Series
 - Compact & Comfort
- 044 Compact Cassette 4-way Flow Series
- 046 Cassette Circular Flow Series
- 048 Cassette 4-way Flow Series
- 050 Mini Duct
- 052 Slim Duct
- 054 Medium Static Pressure Duct
- 058 High Static Pressure Duct
- 060 Big Duct
- 062 Floor
- 064 Floor/Ceiling
- 066 Ceiling

PRODUCT LINEUP: SPLIT & MULTI SPLIT

SPLIT Indoor Units Lineup

Type	Series	Refrigerant	Model	BTU	7	9	12
				kW	2.2	2.8	3.5
Wall Mounted Page 026~	Flagship Range Series nocria X		 ASYG--KXCA			● 09	● 12
	Designer Range Series High Spec & Design		 ASYG--KGTA	● 07	● 09	● 12	
	Standard Range Series High Efficiency & Comfort		 ASYG--KMTA 	● 07*	● 09*	● 12*	
	Designer Range Series High Spec & Design	R410A	 ASYG--LTCA		● 09	● 12	
	Designer Range Series High COP		 ASYG--LUCA	● 07	● 09	● 12	
	Standard Range Series High Efficiency & Comfort		 ASYG--LMCE	● 07	● 09	● 12	
	Standard Range Series Comfort for Large Room		 ASYG--LFCA, LFCC				
			 ASYG--LMTA				
ECO Range Series Compact & Comfort	 ASYG--LLCE			● 09	● 12		
Cassette Page 044~	Compact 4-way Flow Series Compact & Comfort		R410A	 AUYG--LVLB, LVLA			● 12LVLB
	Circular Flow Series Comfort for Large Room	 AUXG--LRLB					
	4-way Flow Series Comfort for Large Room	 AUYG--LRLE, LRLA					
Duct Page 050~	Mini Duct	R410A	 ARYG--LSLAP			● 12*	
	Slim Duct		 ARYG--LLTB			● 12	
	Medium Static Pressure Duct Compact & Comfort		 ARYG--LHTBP			● 12	
	Medium Static Pressure Duct Standard		 ARYG--LMLA, LMLE				
	High Static Pressure Duct		 ARYG--LHTA				
	Big Duct		 ARYG--LHTA				
Floor Compact & Comfort Page 062	R410A	 AGYG--LVCA		● 09	● 12		
Floor/Ceiling Comfort & Dual Design Page 064	R410A	 ABYG--LVTB, LVTA					
Ceiling Comfort for Large Room Page 066	R410A	 ABYG--LRTE, LRTA					



FUJITSU GENERAL (Euro) GmbH participates in the ECP programme for AIR CONDITIONERS. Check ongoing validity of certificate: www.eurovent-certification.com
* Models so marked are not ECC certified.

14	18	24	30	36	45	54	60	72	90
4.5	5.2	7.1	8.5	10	12.5	14	15	19	22
● 14									
● 14*									
● 14									
● 14									
	● 18LFCA	● 24LFCC							
			● 30	● 36					
● 14VLB	● 18VLB	● 24VLA							
	● 18	● 24	● 30	● 36	● 45	● 54			
			● 30LRLE	● 36LRLE 36LRLA	● 45LRLA	● 54LRLA			
● 14*	● 18*								
● 14	● 18								
● 14	● 18	● 24	● 30	● 36	● 45	● 54			
		● 24LMLA	● 30LMLE	● 36LMLE 36LMLA	● 45LMLA				
					● 45	● 54	● 60		
								● 72*	● 90*
● 14									
	● 18	● 24							
			● 30LRTE	● 36LRTE 36LRTA	● 45LRTA	● 54LRTA			

More Comfort



Powerful heating

High heating capacity is realised even at low outdoor temperature by mounting a large heat exchanger or large DC rotary compressor and developing high performance inverter PCB



Feature Explanation



Energy Saving Function

- Dual side fans**
The comfortable space can be created with Hybrid Airflow, which combines different temperatures of air current and velocities.
- Economy mode**
Thermostat setting automatically changes according to the temperature to avoid unnecessary cooling and heating.

- Save human sensor**
Human sensor detects the movement of people in the room to operate the energy saving function operation.
- Room temperature set point limitation**
The minimum and maximum temperature range can be set giving further energy saving while considering the comfort of the occupants.

- Save & Stop human sensor**
Human sensor (option) detects movement of people in the room and decides whether to save energy or stop the unit.
- Set temperature auto return**
The setting temperature automatically returns to the previously set temperature.

Comfortable Function

- Powerful heating**
Keeping the rated heating capacity even when the outdoor ambient temperature is -7°C.
- Powerful mode**
Operation at maximum air flow and compressor speed, and quickly makes the room comfortable.
- Auto-changeover**
The unit automatically switches between heating and cooling modes based on your temperature setting and the room temperature.
- Automatic fan speed**
The micro-computer automatically adjusts the airflow effectively to follow the changes of room temperature.
- Fresh air intake**
Fresh air can be taken in by a fan which can be connected using external control unit.

- Power diffuser**
An additional louvre that opens based on monitoring sensors to quickly enhance immediate comfort needs.
- 10°C HEAT operation**
The room temperature can be set to go no lower than 10°C, thus ensuring that the room does not get too cold when not occupied.
- Up/down swing flaps**
The up/down flaps automatically swing up and down.
- Auto restart**
In the event of a temporary power failure, the air conditioner will automatically restart in the same operating mode as before, once power supply is restored.
- Connectable distributing duct**
Systems are capable of attaching locally purchased branch ducts distributing the airflow.

- Server room operation**
Interlock operation is possible by connecting 2 indoor units even in the low temperature.
- Low noise mode**
Sound noise level of outdoor unit can be selected.
- Double swing automatic**
Complex swing action of flaps enables automatically to swing both horizontal and vertical directions.
- Connectable fresh air duct**
Outside air can be introduced by attaching locally purchased duct to fresh air knockout and optional part.
- Individual airflow direction control**
Each louvre of 4-way Cassette type can be controlled individually and provides comfortable airflow.

Convenient Function

- Auto off timer**
Automatically stops operation when a fixed time has elapsed from the start of operation.
- Weekly timer**
Different ON-OFF times can be set for each day.
- External error output**

- Sleep timer**
The micro-computer gradually changes the room temperature automatically to afford a comfortable night's sleep.
- Weekly + setback timer**
Weekly + Setback timer can set temperature for two times spans and for each day of the week.
- External ON/OFF input**

- Program timer**
This digital timer allows selection of one of four options: ON, OFF, ON + OFF or OFF + ON.
- Filter sign**
Indicates the filter cleaning period by lamp.
- Wireless LAN control**
The exclusive Wi-Fi adaptor enables to operate the air conditioner by smartphone or tablet PC from outside.

Clean Function

- Plasma air clean**
The electrostatic precipitator removes dust particles such as pollens and house dust. It is washable so can be kept clean.
- Apple-catechin filter**
The Apple-catechin filter uses static electricity to clean fine particles and dust in the air.

- Filter auto clean**
The dust collected by the air filter is automatically removed. A routine disposal of the dust stored in the dust box is necessary.
- Long life filter**

- Ion deodorisation filter**
The filter deodorises by powerfully decomposing absorbed odors using the oxidising and reducing effects of ions generated by the ultra-fine-particle ceramic.
- Washable panel**
Since the front panel is easy to remove, maintenance is also easy.

Installation

- Automatic airflow adjustment**
Automatically detects required airflow in each application case and adjusts the volume.

- Drain pump as standard**




























































- Blue fin**

ALL DC All DC models

i-PAM i-PAM control models
i-PAM inverter control is a technology which reduces loss by adjusting the current waveform to a better sine waveform.

V-PAM V-PAM control models
V-PAM inverter control reduces the effects of magnetic flux and increases the maximum speed and efficiency of the compressor by vector control technology.

Feature Summary

Type	Wall Mounted									
Series	Flagship Range	Designer Range	Standard Range	Designer Range		Standard Range			ECO Range	
										
Model No.	ASYG 09/12 KXCA	ASYG 07/09/12/14 KGTA	ASYG 07/09/12/14 KMTA	ASYG 09/12 LTCA	ASYG 07/09/12/14 LUCA	ASYG 07/09/12/14 LMCE	ASYG18 LFCA, ASYG24 LFCC	ASYG 30/36 LMTA	ASYG 09/12 LLCE	
					 	 	 			
Energy Saving Function	 Dual side fans	●								
	 Save human sensor	●	●		●			●		
	 Save & Stop human sensor									
	 Economy mode	●	●	●	●	●	●	●	●	
	 Room temperature set point limitation		○	○	○	○	○	○	○	
	 Set temperature auto return		○	○	○	○	○	○	○	
Comfortable Function	 Powerful heating			●						
	 Power diffuser	●					●	●		
	 Server room operation							●		
	 Powerful mode	●	●	●	●	●	●	●	●	
	 10°C HEAT operation	●	●	●	●	●	●	●	●	
	 Low noise mode	●	●	●	●	●	●	●		
	 Auto-changeover	●	●	●	●	●	●	●	●	
	 Up/down swing flaps		●	●	●	●	●		●	
	 Double swing automatic	●						●	●	
	 Automatic fan speed	●	●	●	●	●	●	●	●	
	 Auto restart	●	●	●	●	●	●	●	●	
	 Connectable fresh air duct									
	 Fresh air intake									
	 Connectable distributing duct									
	 Individual airflow direction control									
Convenient Function	 Auto off timer		○	○	○	○	○	○	○	
	 Sleep timer	●	●	●	●	●	●	●	●	
	 Program timer	●	●	●	●	●	●	●	●	
	 Weekly timer		●	○	●	●		●		
	 Weekly + setback timer		○	○	○	○	○	○		
	 Filter sign		●	●	●	●	●	●	●	
	 External error output		○	○	○	○	○	○		
	 External ON/OFF input		○	○	○	○	○	○		
 Wireless LAN control	●	○	○	○	○	○	○			
Clean Function	 Plasma air clean	●								
	 Filter auto clean	●								
	 Ion deodorisation filter		○	○	●	●	●	●	●	
	 Apple-catechin filter		○	○	●	●	●	●	●	
	 Long life filter									
	 Washable panel						●	●	●	
Installation	 Automatic airflow adjustment									
	 Drain pump as standard									
	Blue fin						●	●		

Cassette			Duct						Floor	Floor/Ceiling	Ceiling
Compact 4-way Flow	Circular Flow	4-way Flow	Mini (With drain pump)	Slim (With drain pump)	Medium Static Pressure		High Static Pressure	Big			ECO Range
AUYG 07/09/12/14/18 LVLB, AUYG 24LVLA	AUXG 18/24/30/36/45/54 LRLB	AUYG 30/36LRL, AUYG 36/45/54 LRLA	ARYG 07/09/12/14/18 LSLAP	ARYG 07/09/12/14/18 LLTB	ARYG 12/14/18/24/30/36/45/54 LHTBP	ARYG 24/36/45LMLA, ARYG 30/36LMLE	ARYG 45/54/60 LHTA	ARYG 72/90 LHTA	AGYG 09/12/14 LVCA	ABYG 14/18LVTB, ABYG 24LVTA	ABYG 30/36 LRTE, ABYG 36/45/54 LRTA
	○										
●	●	●	●	●	●	●	●	●	●	●	●
○	●	○	●	○	●	○	○	●	○	○	○
○	●	○	●	○	●	○	○	●	○	○	○
●	○	○	○	○	○	○	○ (60)	○	●	●	●
	○ (45/54)				○ (45/54)	○ (45/36LMLA)	○	○			○ (45/54/36LRTA)
●	●	●	●	●	●	●	●	●	●	●	●
●	●	●	○	○					●		
									●	●	●
●	●	●	●	●	●	●	●	●	●	●	●
●	●	●	●	●	●	●	●	●	●	●	●
○	●	●			●	●					●
○	○	○		○	○	○	○	○			○
	●	●				●					
	●										
○	●	○	●	○	●	○	○	●	○	○	○
●	○	○	○	○	○	○	○ (60)	○	●	●	●
●	○	○	○	○	○	○	○ (60)	○	●	●	●
	●		●		●			●			
○		●		●		●	●		○	○	○
●	●	●	●	●	●	●	●	●	●	●	●
	○		○		○			○			
○	●	○	●	○	●	○	○	●	○	○	○
○	○	○	○	○	○	○	○	○	○	○	○
									●		
									●		
					○	○	○ (60)	○	●		
					●			○			
●	●	●	●	●	●	○		○			○
	● (30/36/45/54)	● (45/54)			● (30/36/45/54)	● (45)	●	●			● (45)

○: Optional function

PRODUCT LINEUP: SPLIT

**Wall Mounted
Flagship Range**



nocria™ X



Comfortable airflow control to prevent the body from being exposed to airflow



The comfortable space can be created with Hybrid Airflow, which combines different temperatures of air current and velocities.



*1: Announced 2012. In room air conditioner for the home (Our company's investigation)

Filter Auto Clean



Dust on the filter is automatically removed to prevent power from being wasted by the clogged filter.



*2: Announced 2002. In room air conditioner for the home (our company's investigation)

Plasma Air Clean

Air is cleaned with an electric dust collecting technology. Pollen, house dust and other tiny pollutants are collected and removed with static electricity.



Human Sensor

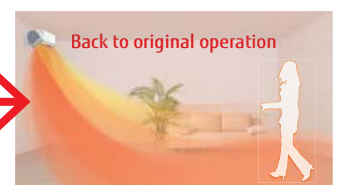
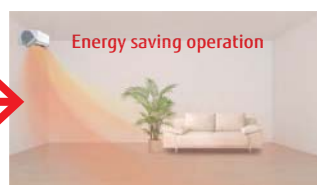
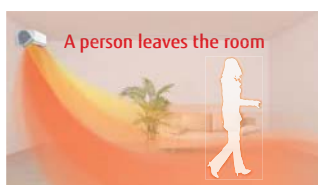
The Human sensor detects movement of people in a room and operates at reduced capacity when people leave the room. When people return to the room, the system automatically returns to the previous room settings.



SEER 8.5^{*1}

SCOP 5.1^{*1}

*1: All classes



Model: ASYG09KXCA / ASYG12KXCA



Wireless R.C.



Wireless LAN Interface



DUAL BLASTER

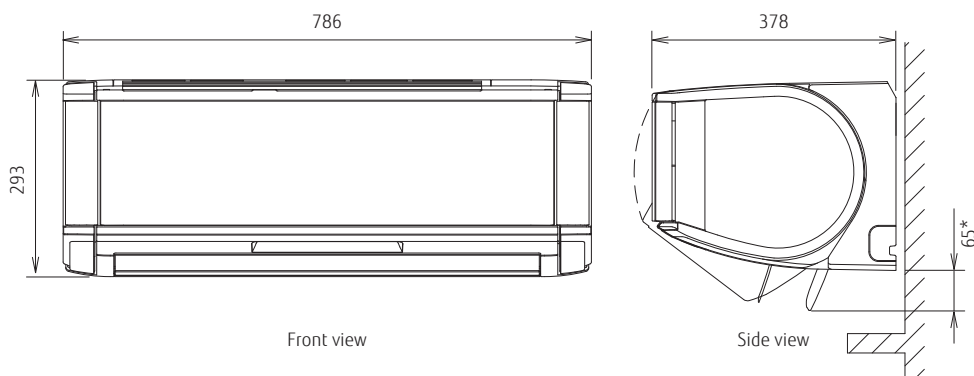


Specifications

Model No.	Indoor unit		ASYG09KXCA		ASYG12KXCA	
	Outdoor unit		AOYG09KXCA		AOYG12KXCA	
Power Source	Single-phase, ~230V, 50Hz					
Capacity	Cooling	kW	2.5 (0.6-3.5)		3.4 (0.6-5.3)	
	Heating		3.6 (0.6-7.1)		5.0 (0.6-9.0)	
UK Total/Sensible Cooling			2.55/1.98		.58/2.76	
Input Power	Cooling/Heating	kW	0.460/0.630		0.670/1.020	
EER	Cooling	W/W	5.45		5.09	
COP	Heating		5.72		4.90	
Pdesign	Cooling/Heating(-10°C)	kW	2.5/3.4		3.4/3.5	
SEER	Cooling	W/W	8.50		8.50	
SCOP	Heating (Average)		5.10		5.10	
Energy Efficiency Class	Cooling		A+++		A+++	
	Heating (Average)		A+++		A+++	
Max. Operating Current	Cooling/Heating	A	8.5/14.0		9.0/16.0	
Annual Energy Consumption	Cooling	kWh/a	103		140	
	Heating		934		961	
Moisture Removal			l/h		1.1	
Sound Pressure Level	Indoor (Cooling)	H/M/L/Q	46/42/38/28		46/42/38/28	
	Indoor (Heating)	H/M/L/Q	48/43/39/30		48/43/39/30	
Sound Power Level	Outdoor(Cooling/Heating)	High	40/41		44/43	
	Indoor(Cooling/Heating)	High	58/62		58/62	
Airflow Rate	Indoor / Outdoor (Cooling)	High	670/1,975		670/2,230	
	Indoor / Outdoor (Heating)		810/1,820		810/1,975	
Net Dimensions H x W x D	Indoor	mm	293×786×378			
		kg	20			
Weight	Outdoor	mm	704×820×315			
		kg	41			
Suggested MCB Size			Amp	16		
Connection Pipe Diameter (Gas / Liquid)			Inch	3/8 & 1/4		
Max Pipe Length (Pre-Charge)			m	15 (15)		
Max Height Difference				10		
Operation Range	Cooling	°CDB	-10 to 43			
	Heating		-15 to 24			
Refrigerant	Type	R32				
	Charge	g	1300			
	Additional Charge	g/m	0			
System List Price			£	2120	2461	

Dimensions

(Unit : mm)



*Dimensions in case of air flowing downward

PRODUCT LINEUP: SPLIT

Wall Mounted Designer Range

High Spec & Design



High energy saving

Top class high efficiency is achieved by high efficient lamda heat exchanger, large cross flow fan and new refrigerant.

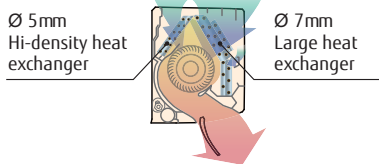
Rank **A+++** ^{*1}

SEER 8.5 ^{*1} **SCOP 5.1** ^{*1}

*1: 07, 09, 12 class

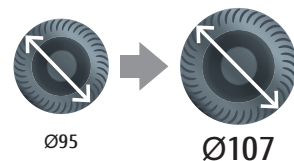
Hybrid-heat exchanger

The heat exchange efficiency has been significantly improved with the large hybrid heat exchanger, attaining the top-level SEER and SCOP.



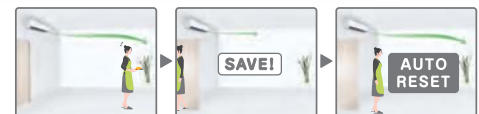
Ø107 Large cross-flow fan

With the large-diameter fan, efficient air volume can be obtained at low power.



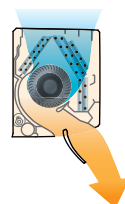
Human sensor

Human sensor catches movements of people in a room, and operates with lower capacity when people leave the room. When people come back to the room, it automatically returns to previous operating mode.



Comfortable airflow & Silent operation

The big louvre and the new air blowing structure have attained a comfortable air flow that spreads wider to user's feet and silent operation.



19dB(A)
(07/09/12)
Only cooling
14 model is 20dB(A)

Smartphone Control (Option)

Easy air conditioner control from inside or outside the house and office using Smartphones, Tablets and PC.



Wireless LAN Interface

The exclusive Wi-Fi adaptor enables to operate the air conditioner by smartphone or tablet PC from outside.

Model: ASYG07KGTA / ASYG09KGTA / ASYG12KGTA / ASYG14KGTA



Wireless R.C.



Specifications

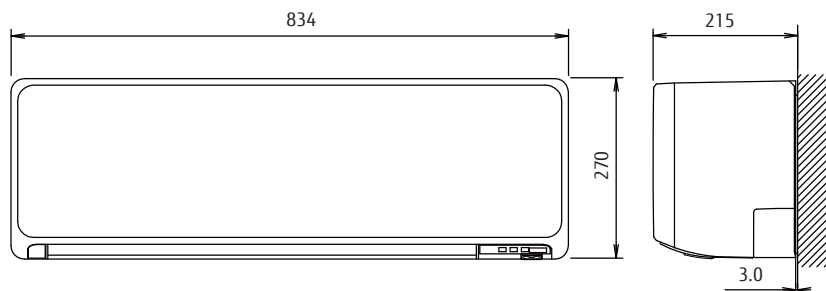
Model No.	Indoor unit		ASYG07KGTA	ASYG09KGTA	ASYG12KGTA	ASYG14KGTA	
	Outdoor unit		AOYG07KGCA	AOYG09KGCA	AOYG12KGCA	AOYG14KGCA	
Power Source	Single-phase, ~230V, 50Hz						
Capacity	Cooling	kW	2.00	2.50	3.40	4.20	
	Heating		2.50	2.80	4.00	5.40	
UK Total/Sensible Cooling			2.28/2.11	2.74/2.51	3.31/2.70	3.59/2.89	
Input Power	Cooling/Heating	kW	0.400/0.500	0.555/0.560	0.805/0.910	1.175/1.350	
EER	Cooling	W/W	5.00	4.50	4.22	3.57	
COP	Heating		5.00	5.00	4.40	4.00	
Pdesign	Cooling/Heating(-10°C)	kW	2.0/2.3	2.5/2.4	3.4/2.5	4.2/4.0	
SEER	Cooling	W/W	8.52	8.52	8.51	7.11	
SCOP	Heating (Average)		5.12	5.11	5.10	4.31	
Energy Efficiency Class	Cooling	A+++		A+++	A+++	A++	
	Heating (Average)	A+++		A+++	A+++	A+	
Annual Energy Consumption	Cooling	kWh/a	82	103	140	207	
	Heating		628	658	685	1298	
Moisture Removal			1.0	1.3	1.8	2.1	
Sound Pressure Level	Indoor (Cooling)	H/M/L/Q	dB(A)	38/33/29/19	40/34/29/19	40/35/30/19	43/36/30/20
	Indoor (Heating)	H/M/L/Q		41/35/31/21	42/36/31/21	42/38/33/21	44/39/33/24
Sound Power Level	Outdoor(Cooling/Heating)	High		46/46	46/48	50/50	50/50
	Indoor(Cooling/Heating)	High		54/56	55/57	56/58	57/59
Airflow Rate	Indoor / Outdoor	High		650/1610	700/1610	700/1680	770/1680
	Net Dimensions H x W x D	Indoor		mm	270*834*215		
Weight		kg	10				
	Outdoor	mm	542*799*290				
		kg	30	30	31	32	
Remote Controller Type (Supplied With Unit)			Wireless	Wireless	Wireless	Wireless	
Interconnecting Cable (Suggested cable size 1.5mm)			3 Core + Earth				
Suggested MCB Size			Amp	10	10	10	15
Max. Operating Current	Cooling/Heating	A	6.5/9.0	6.5/9.0	6.5/9.0	9.0/10.5	
Power Supply To			Outdoor				
Connection Pipe Diameter (Gas & Liquid)			3/8 & 1/4				
Max Pipe Length (Pre-Charge)			20 (15)				
Max Height Difference			15				
Operation Range	Cooling	°CDB	-10 to 46				
	Heating		-15 to 24				
Refrigerant	Type	R32					
	Charge	g	750	750	850	850	
	Additional Charge	g/m	20	20	20	20	
List Price			£	810	877	1009	1135

Optional parts

- Wired Remote Controller: UTYNRYZ2 £161 (Must use with Communication Kit below)
- External Input and Output PCB: UTYXCSXZ2 £77
- Communication kit: UTYTWRXZ2 £70
- Wireless LAN Interface: UTYTFSXW1 £126
- External connect kit: UTYXWZX £9 (Must use with External Input Output PCB above)

Dimensions

(Unit : mm)



PRODUCT LINEUP: SPLIT

NEW

Wall Mounted Standard Range

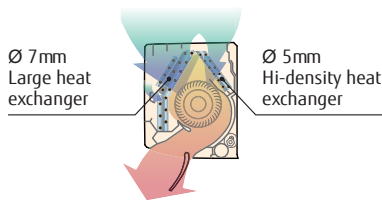
High Efficiency & Comfort



Slim & stylish square design

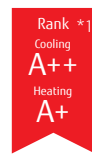
Slim and stylish square design is realised by high density multi-path heat exchanger and high efficiency air flow.

Hybrid-heat exchanger



High energy saving

Top class high efficiency is achieved by high efficient lamda heat exchanger, large cross flow fan and new refrigerant.

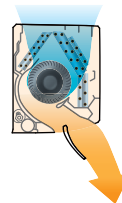


SEER **7.3** *1 SCOP **4.4** *1

*1: 12 class

Comfortable airflow & Silent operation

The big louvre and the new air blowing structure have attained a comfortable air flow that spreads wider to user's feet and silent operation.



20dB(A)

Only cooling 14 model is 20dB(A)

Smartphone Control (Option)

Easy air conditioner control from inside or outside the house and office using Smartphones, Tablets and PC.



Wireless LAN Interface

The exclusive Wi-Fi adaptor enables to operate the air conditioner by smartphone or tablet PC from outside.

Model: ASYG07KMTA / ASYG09KMTA / ASYG12KMTA / ASYG14KMTA



Wireless R.C.



For ASYG07/09/12KMTA



For ASYG14KMTA

Specifications

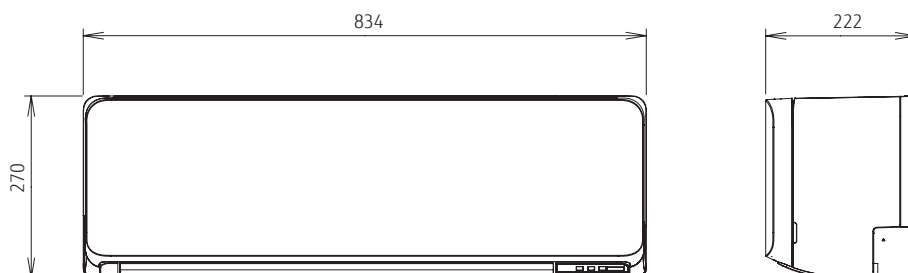
Model No.	Indoor unit		ASYG07KMTA	ASYG09KMTA	ASYG12KMTA	ASYG14KMTA	
	Outdoor unit		AOYG07KMTA	AOYG09KMTA	AOYG12KMTA	AOYG14KMTA	
Power Source	Single-phase, ~230V, 50Hz						
Capacity	Cooling	kW	2.0 (0.9-3.0)	2.5 (0.9-3.2)	3.4 (0.9-3.9)	4.2 (0.9-4.4)	
	Heating		2.5 (0.9-3.4)	2.8 (0.9-4.0)	4.0 (0.9-5.3)	5.4 (0.9-6.0)	
UK Total/Sensible Cooling			kW	2.59/2.44	2.65/2.50	3.29/2.71	3.65/2.75
Input Power	Cooling/Heating		kW	0.450/0.555	0.630/0.620	0.935/0.960	1.220/1.410
EER	Cooling			4.43	3.97	3.65	3.44
COP	Heating		W/W	4.52	4.52	4.17	3.83
Pdesign	Cooling/Heating(-10°C)		kW	2.0/2.3	2.5/2.4	3.4/2.5	4.2/4.0
SEER	Cooling		W/W	7.40	7.40	7.30	6.90
SCOP	Heating (Average)			4.10	4.10	4.40	4.10
Energy Efficiency Class	Cooling			A++	A++	A++	A++
	Heating (Average)			A+	A+	A+	A+
Annual Energy Consumption	Cooling		kWh/a	97	118	168	213
	Heating			785	820	813	1366
Moisture Removal			l/h	1.0	1.3	1.8	2.1
Sound Pressure Level	Indoor (Cooling)	H/M/L/Q	dB(A)	38/33/29/20	40/34/29/20	40/35/30/20	43/36/30/20
	Indoor (Heating)	H/M/L/Q		41/35/31/22	42/36/31/22	42/38/33/22	44/39/33/24
Outdoor(Cooling/Heating)	High	46/46		46/46	50/50	50/50	
Outdoor(Cooling/Heating)	High	54/56		55/57	55/58	57/59	
Sound Power Level	Indoor(Cooling/Heating)	High	61/61	61/62	65/65	65/66	
	Outdoor(Cooling/Heating)	High					
Airflow Rate	Indoor / Outdoor	High	m ³ /h	650/720	700/750	700/770	770/800
Net Dimensions H x W x D	Indoor		mm	270×834×222	270×834×222	270×834×222	270×834×222
	Outdoor		kg	10	10	10	10
Weight			mm	541×663×290	541×663×290	541×663×290	542×799×290
			kg	23	23	25	31
Remote Controller Type (Supplied With Unit)				Wireless	Wireless	Wireless	Wireless
Interconnecting Cable (Suggested cable size 1.5mm)				3 Core + Earth			
Suggested MCB Size			Amp	10	10	10	15
Max. Operating Current	Cooling/Heating		A	6.5/9.0	6.5/9.0	6.5/9.0	6.5/9.0
Power Supply To				Outdoor			
Connection Pipe Diameter (Gas / Liquid)			Inch	3/8 & 1/4	3/8 & 1/4	3/8 & 1/4	3/8 & 1/4
Max Pipe Length (Pre-Charge)			m	20 (15)	20 (15)	20 (15)	20 (15)
Max Height Difference				15	15	15	15
Refrigerant	Type			R32	R32	R32	R32
	Charge		g	600	600	700	850
	Additional Charge		g/m	20	20	20	20
Operation Range	Cooling		°CDB	-10 to 46	-10 to 46	-10 to 46	-10 to 46
	Heating			-15 to 24	-15 to 24	-15 to 24	-15 to 24
List Price			£	650	699	802	981

Optional parts

- Wired Remote Controller: UTYRVNYM £104 (Must use with Communication Kit below)
- Simple Remote Controller: UTYRSNYN £83 (Must use with Communication Kit below)
- External connect kit: UTYXWZXZ5 £9 (Must use with Communication Kit below)
- Communication kit: UTYTWBXF2 £90
- Wireless LAN Interface: UTYTFSXW1 £126
- Wireless LAN Interface: FJRCWIF1 £234 (Must use with Communication Kit above)

Dimensions

(Unit : mm)



PRODUCT LINEUP: SPLIT

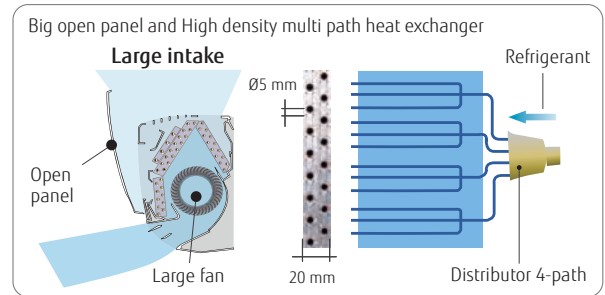
Wall Mounted Designer Range

High Spec & Design



Thin & Slim design

Thin and slim design is realised by high density multi-path heat exchanger and high efficiency fan.



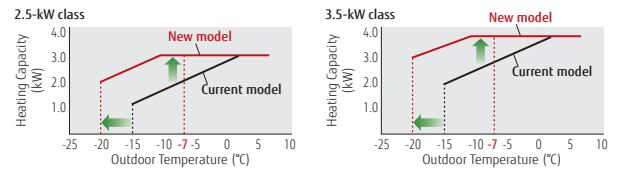
Human sensor

Human sensor catches movements of people in a room, and operates with lower capacity when people leave the room. When people come back to the room, it automatically returns to previous operating mode.



Powerful heating

Rated heating capacity is maintained up to an outdoor temperature lower than -7°C. This new model can operate even at -20°C low outdoor temperature.

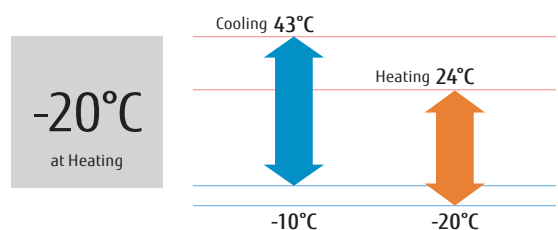


3 Mode timer (Weekly/Program/Sleep)

Weekly timer can be easily set by wireless remote controller. ON, OFF can be set up to 4 times in 1 day and up to 28 times in 1 week. For other modes, program timer and sleep timer can be also selected by one push.



Low ambient operation



Model: ASYG09LTCA / ASYG12LTCA - While stocks last



Wireless R.C.



For ASYG09LTCA



For ASYG12LTCA

Specifications

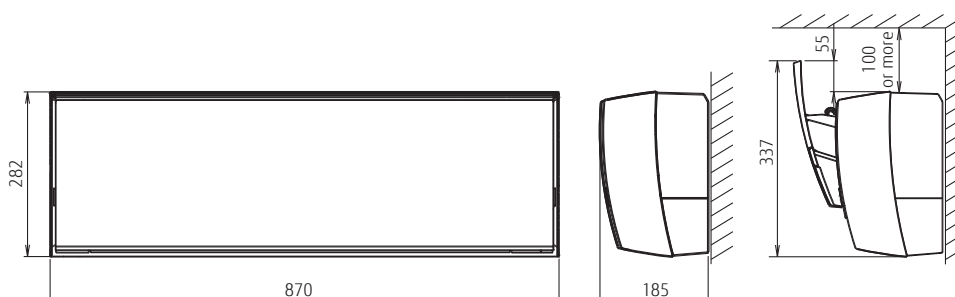
Model No.	Indoor unit		ASYG09LTCA		ASYG12LTCA	
	Outdoor unit		AOYG09LTC		AOYG12LTC	
Power Source	Single-phase, ~230V, 50Hz					
Nominal Capacity	Cooling	kW	2.50 (0.90-3.50)		3.50 (1.10-4.00)	
	Heating		3.20 (0.90-5.40)		4.00 (0.90-6.50)	
UK Total/Sensible Cooling			2.42/1.59		3.40/2.24	
Power Consumption	Cooling/Heating	kW	0.55/0.66		0.85/0.91	
EER	Cooling	W/W	4.95		4.12	
	Heating		4.85		4.40	
Pdesign	Cooling/Heating(-10°C)	kW	2.50/3.00		3.50/4.00	
SEER	Cooling	W/W	8.50		8.50	
	Heating (Average)		4.60		4.60	
Energy Efficiency Class	Cooling	A+++		A+++		
	Heating (Average)	A++		A++		
Annual Energy Consumption	Cooling	kWh/a	103		144	
	Heating		912		1217	
Moisture Removal		l/h	1.30		1.80	
Sound Pressure Level	Indoor (Cooling)	H/M/L/Q	42/36/32/21		43/37/32/21	
	Indoor (Heating)	H/M/L/Q	42/37/32/21		43/38/32/21	
Sound Power Level	Outdoor(Cooling/Heating)	High	48/50		48/49	
	Indoor(Cooling/Heating)	High	59/61		60/62	
Airflow Rate	Indoor / Outdoor	High	800/1700		850/2050	
	Net Dimensions H x W x D	mm	282×870×185		282×870×185	
Weight	Indoor	kg	9.5		9.5	
	Outdoor	kg	540×790×290		620×790×290	
Remote Controller Type			Wireless		Wireless	
Interconnecting Cable (Suggested cable size 1.5mm)			3 core + Earth		3 core + Earth	
Suggested MCB Size			10		10	
Max. Operating Current	Cooling/Heating	Amp	2.60/3.30		4.00/4.30	
Power Supply To	Outdoor Unit					
Connection Pipe Diameter (Gas / Liquid)	Inch	3/8 & 1/4		3/8 & 1/4		
Max Pipe Length (Factory Gas Charge Pipe Length)	m	20 (15)		20 (15)		
Max Height Difference			15		15	
Refrigerant	Type	R410A		R410A		
	Charge	g	1,050		1,200	
Operation Range	Additional Charge	g/m	20		20	
	Cooling	°CDB	-10 to 43		-10 to 43	
Heating	-20 to 24		-20 to 24			
System List Price	£		1030		1198	

Optional parts

Wired Remote Controller:	UTYRVNYM	£104	(Must use with Communication Kit below)	(Refer to page 156 for accessory combinations)
Simple Remote Controller:	UTYRSNYM	£83	(Must use with Communication Kit below)	
External Connect Kit:	UTYXWZXZ5	£9	(Must use with Communication Kit below)	
Modbus Interface:	FJRCMBS1	£234	(Must use with Communication Kit below)	
KNX Interface:	FJRCNX1i	£265	(Must use with Communication Kit below)	
WiFi Interface:	FJRCWIF1	£234	(Must use with Communication Kit below)	
Communication kit:	UTYTWBXF	£90		
Wireless LAN Interface:	UTYTFNXZ1	£143		

Dimensions

(Unit : mm)



Wall Mounted Designer Range

High COP

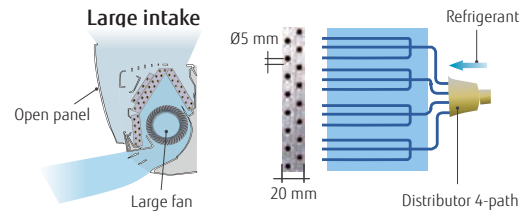


Thin & Slim design

Thin and slim design is realised by Ø5 mm heat exchanger and high efficiency fan.

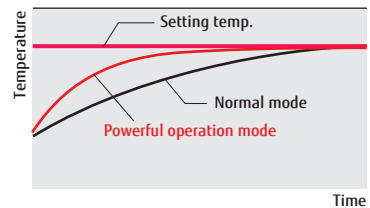


Big open panel and High density multi path heat exchanger



Powerful operation

20 minutes continuous operation by maximum airflow and maximum compressor speed is possible. Rapid cooling and heating makes the room comfortable quickly.



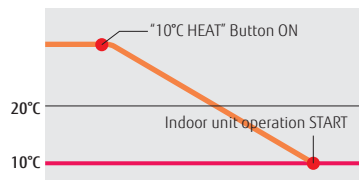
3 Mode timer (Weekly/Program/Sleep)

Weekly timer can be easily set by wireless remote controller. ON, OFF can be set up to 4 times in 1 day and up to 28 times in 1 week. For other modes, program timer and sleep timer can be also selected by one push.

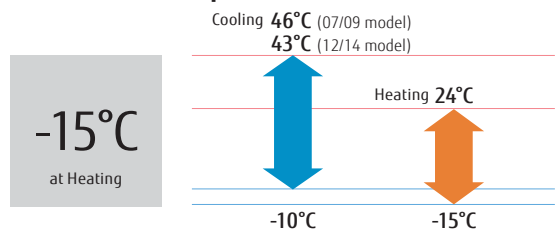


10°C HEAT Operation

The room temperature can be set to go no lower than 10°C, thus ensuring that the room does not get too cold when not occupied. *Only available with Wireless RC.



Low ambient operation



Model: ASYG07LUCA / ASYG09LUCA / ASYG12LUCA / ASYG14LUCA - While stocks last



Wireless R.C.



For ASYG07/09LUCA



For ASYG12/14LUCA

Specifications

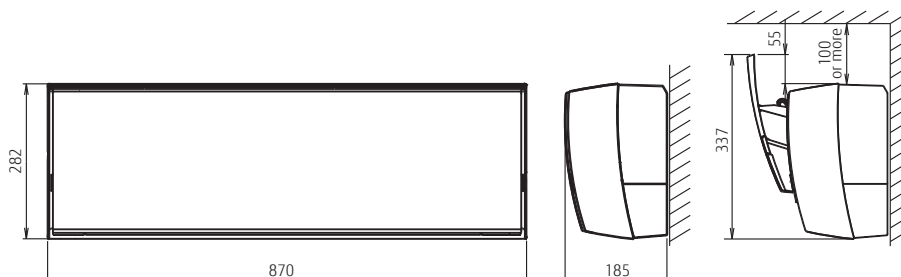
Model No.	Indoor unit		ASYG07LUCA	ASYG09LUCA	ASYG12LUCA	ASYG14LUCA
	Outdoor unit		AOYG07LUCA	AOYG09LUCB	AOYG12LUC	AOYG14LUC
Power Source			Single-phase, ~230V, 50Hz			
Nominal Capacity	Cooling	kW	2.0 (0.5-3.0)	2.5 (0.5-3.2)	3.5 (0.9-4.0)	4.2 (0.9-5.0)
	Heating		3.0 (0.5-4.0)	3.2 (0.5-4.2)	4.0 (0.9-5.6)	5.4 (0.9-6.0)
UK Total/Sensible Cooling			1.94 / 1.30	2.42 / 1.59	3.40 / 2.24	4.07 / 2.73
Power Consumption	Cooling/Heating	kW	0.46/0.74	0.55/0.68	0.91/0.93	1.24/1.38
EER	Cooling		4.35	4.50	3.87	3.40
COP	Heating	W/W	4.05	4.71	4.30	3.91
Pdesign	Cooling/Heating(-10°C)	kW	2.00/2.60	2.50/2.80	3.50/3.90	4.20/4.80
SEER	Cooling		7.20	7.10	7.05	6.78
SCOP	Heating (Average)	W/W	4.02	4.10	4.00	4.00
Energy Efficiency Class	Cooling		A++	A++	A++	A++
	Heating (Average)		A+	A+	A+	A+
Annual Energy Consumption	Cooling	kWh/a	97	123	174	217
	Heating		887	956	1363	1677
Moisture Removal		l/h	1.00	1.30	1.80	2.10
Sound Pressure Level	Indoor (Cooling)	H/M/L/Q	38/35/31/21	42/36/32/21	43/37/32/21	45/40/33/25
	Indoor (Heating)	H/M/L/Q	38/35/31/21	42/37/32/21	43/38/32/21	45/40/34/27
Sound Power Level	Outdoor(Cooling/Heating)	High	46/46	48/48	50/50	50/50
	Indoor(Cooling/Heating)	High	57/59	59/61	60/62	60/64
Airflow Rate	Indoor / Outdoor	High	680/1,720	800/1,720	850/1,940	900/1,940
	Net Dimensions H x W x D	Indoor	mm	282×870×185	282×870×185	282×870×185
Weight	Indoor	kg	9.5	9.5	9.5	9.5
	Outdoor	kg	540×660×290	540×660×290	540×790×290	540×790×290
Remote Controller Type			Wireless	Wireless	Wireless	Wireless
Interconnecting Cable (Suggested cable size 1.5mm)			3 Core + Earth			
Suggested MCB Size		Amp	10	10	10	16
Max. Operating Current	Cooling/Heating	Amp	6.0/7.5	6.0/7.5	6.5/9.0	9.0/10.5
Starting Current		Amp	3.40	3.40	4.70	6.30
Power Supply To			Outdoor			
Connection Pipe Diameter (Gas / Liquid)		Inch	3/8 & 1/4	3/8 & 1/4	3/8 & 1/4	1/2 & 1/4
Max Pipe Length (Factory Gas Charge Pipe Length)		m	20 (15)	20 (15)	20 (15)	20 (15)
Max Height Difference			15	15	15	15
Refrigerant	Type		R410A	R410A	R410A	R410A
	Charge	g	700	850	1,050	1,050
	Additional Charge	g/m	20	20	20	20
Operation Range	Cooling	°CDB	-10 to 46	-10 to 46	-10 to 43	-10 to 43
	Heating		-15 to 24	-15 to 24	-15 to 24	-15 to 24
System List Price		£	870	931	1082	1246

Optional parts

Wired Remote Controller:	UTYRVNYM	£104	(Must use with Communication Kit below)	(Refer to page 156 for accessory combinations)
Simple Remote Controller:	UTYRSNYM	£83	(Must use with Communication Kit below)	
External Connect Kit:	UTYXWZXZ5	£9	(Must use with Communication Kit below)	
Modbus Interface:	FJRCMBS1	£234	(Must use with Communication Kit below)	
KNX Interface:	FJRCKNX1i	£265	(Must use with Communication Kit below)	
WiFi Interface:	FJRCWIFI1	£234	(Must use with Communication Kit below)	
Communication kit:	UTYTWBXF	£90		
Wireless LAN Interface:	UTYTFNXZ1	£143		

Dimensions

(Unit : mm)



Wall Mounted Standard Range

High Efficiency & Comfort



High efficiency compact design



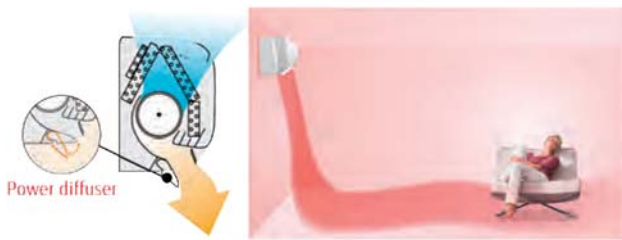
High density heat exchanger

Making the tube thin:
7 mm → 5 mm

Increase of heat exchanger volume by high density and adopting sub heat exchanger

Even temperature
↓
Improved heat exchanger effectiveness

More comfort airflow



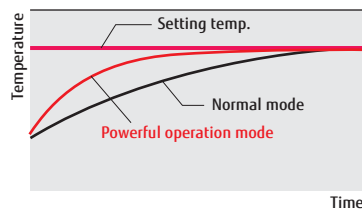
Vertical airflow provides powerful floor level heating



Horizontal airflow does not blow cool air directly at the occupants in the room.

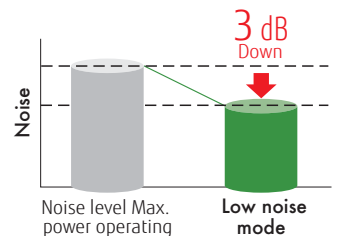
Powerful operation

20 minutes continuous operation by maximum airflow and maximum compressor speed is possible. Rapid cooling and heating makes the room comfortable quickly.



Low noise mode for outdoor unit

Low noise mode of outdoor unit can be selected by wireless remote controller.



Model: ASYG07LMCE / ASYG09LMCE / ASYG12LMCE / ASYG14LMCE


Wireless R.C.



For ASYG07/09/12LMCE



For ASYG14LMCE

Specifications

Model No.	Indoor unit		ASYG07LMCE	ASYG09LMCE	ASYG12LMCE	ASYG14LMCE	
	Outdoor unit		AOYG07LMCE	AOYG09LMCE	AOYG12LMCE	AOYG14LMCE	
Power Source			Single-phase, ~230V, 50Hz				
Nominal Capacity	Cooling	kW	2.0(0.5-3.0)	2.5(0.5-3.2)	3.4(0.9-3.9)	4.0(0.9-4.4)	
	Heating		3.0(0.5-3.4)	3.2(0.5-4.0)	4.0(0.9-5.3)	5.0(0.9-6.0)	
UK Total/Sensible Cooling			1.94/1.30	2.42/1.59	3.30/2.14	3.87/2.52	
Power Consumption	Cooling/Heating	kW	0.465/0.685	0.65/0.73	0.97/1.02	1.135/1.365	
EER	Cooling	W/W	4.30	3.85	3.50	3.52	
COP	Heating		4.38	4.38	3.92	3.66	
Pdesign	Cooling/Heating(-10°C)	kW	2.00/2.30	2.50/2.40	3.40/3.50	4.00/3.90	
SEER	Cooling	W/W	6.80	7.00	7.00	6.90	
SCOP	Heating (Average)		4.10	4.10	4.00	4.00	
Energy Efficiency Class	Cooling	A++					
	Heating (Average)	A+					
Annual Energy Consumption	Cooling	kWh/a	103	125	170	203	
	Heating		786	820	1225	1365	
Moisture Removal			l/h	1.00	1.30	1.80	2.10
Sound Pressure Level	Indoor (Cooling)	H/M/L/Q	43/40/32/21	43/40/32/21	43/40/32/21	44/40/33/25	
	Indoor (Heating)	H/M/L/Q	43/38/33/22	43/38/33/22	43/38/33/22	44/40/35/27	
Sound Power Level	Outdoor(Cooling/Heating)	High	45/45	45/45	50/50	50/50	
	Indoor(Cooling/Heating)	High	59/59	59/59	59/59	60/60	
Airflow Rate	Indoor(Cooling/Heating)	High	58/56	58/56	61/61	65/65	
	Indoor / Outdoor	High	m ³ /h	750/1670	750/1670	750/1830	750/1800
Net Dimensions H x W x D	Indoor	mm	270×870×204	270×870×204	270×870×204	270×870×204	
		kg	8.5	8.5	8.5	8.5	
Weight	Outdoor	mm	535×663×293	535×663×293	535×663×293	540×790×290	
		kg	21	21	26	34	
Remote Controller Type			Wireless	Wireless	Wireless	Wireless	
Interconnecting Cable (Suggested cable size 1.5mm)			3 Core + Earth				
Suggested MCB Size			Amp	10	10	10	16
Max. Operating Current	Cooling/Heating	Amp	6.00/7.50	6.00/7.50	6.50/9.00	9.00/10.50	
		Amp	3.30	3.50	4.80	6.30	
Power Supply To			Outdoor				
Connection Pipe Diameter (Gas / Liquid)			Inch	3/8 & 1/4	3/8 & 1/4	3/8 & 1/4	1/2 & 1/4
Max Pipe Length (Factory Gas Charge Pipe Length)			m	20(15)	20(15)	20(15)	20(15)
Max Height Difference				15	15	15	15
Refrigerant	Type	R410A					
	Charge	g	700	700	850	1050	
Additional Charge			g/m	20	20	20	20
Operation Range	Cooling	°CDB	-10 to 43	-10 to 43	-10 to 43	-10 to 43	
	Heating	°CDB	-15 to 24	-15 to 24	-15 to 24	-15 to 24	
System List Price			£	620	653	743	855

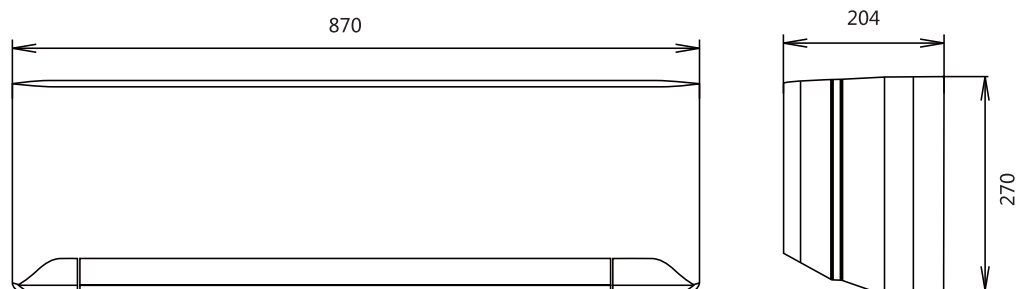
Optional parts

Wired Remote Controller:	UTYRVNYM	£104	(Must use with Communication Kit below)
Simple Remote Controller:	UTYRSNYM	£83	(Must use with Communication Kit below)
External Connect Kit:	UTYXWZXZ5	£9	(Must use with Communication Kit below)
Modbus Interface:	FJRCMBS1	£234	(Must use with Communication Kit below)
KNX Interface:	FJRCKNX1i	£265	(Must use with Communication Kit below)
WiFi Interface:	FJRCWIF1	£234	(Must use with Communication Kit below)
Communication kit:	UTYXCBXZ2	£90	
Wireless LAN Interface:	UTYTFNXZ1	£143	

(Refer to page 156 for accessory combinations)

Dimensions

(Unit : mm)



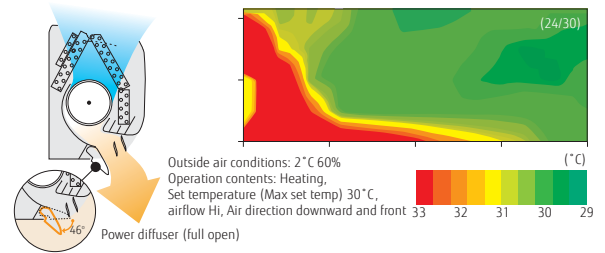
PRODUCT LINEUP: SPLIT

Wall Mounted Standard Range

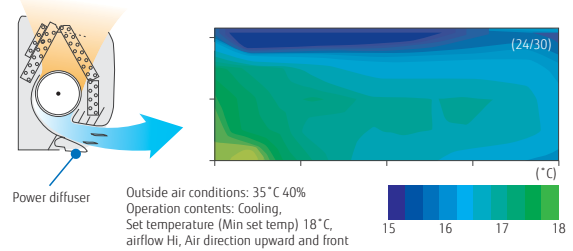
Comfort for Large Room



“Vertical airflow” provides powerful floor level heating



“Horizontal airflow” does not blow cool air directly at the occupants in the room



Air conditioner filter features

Using different filters at both sides

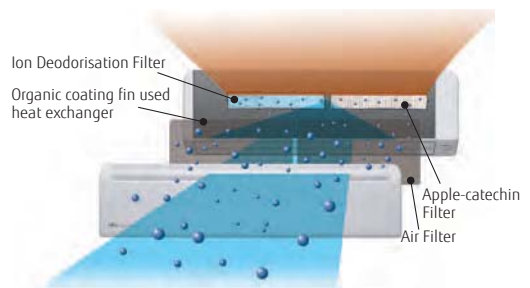


Ion Deodorisation Filter

The filter deodorises by powerfully decomposing absorbed odors using the oxidising and reducing effects of ions generated by the ultra-fine-particle ceramic.

Apple-catechin Filter

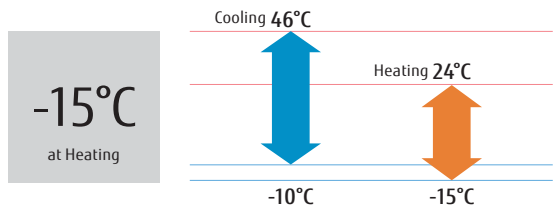
The Apple-catechin filter uses static electricity to clean fine particles and dust in the air.



Flexible Installation

	18 type	24 type
Max. Piping Length	25 m	30 m
Max. Height	20 m	20 m

Low ambient operation



Model: ASYG18LFCA / ASYG24LFCC



Wireless R.C.

For ASYG18LFCA,
ASYG24LFCC

Specifications

Model No.	Indoor unit		ASYG18LFCA		ASYG24LFCC	
	Outdoor unit		AOYG18LFC		AOYG24LFCC	
Power Source			Single-phase, ~230V, 50Hz			
Nominal Capacity	Cooling	kW	5.2 (0.9-6.0)		7.1 (0.9-8.0)	
	Heating		6.3 (0.9-9.1)		8.0 (0.9-10.6)	
UK Total/Sensible Cooling			5.04/3.25		7.13/5.15	
Power Consumption	Cooling/Heating	kW	1.52/1.71		2.20/2.21	
EER	Cooling	W/W	3.42		3.23	
COP	Heating		3.68		3.61	
Pdesign	Cooling/Heating(-10°C)	kW	5.20/5.90		7.10/7.10	
SEER	Cooling	W/W	6.94		6.11	
SCOP	Heating (Average)		3.87		3.80	
Energy Efficiency Class	Cooling	A++		A++		
	Heating (Average)	A		A		
Annual Energy Consumption	Cooling	kWh/a	262		406	
	Heating		2130		2610	
Moisture Removal			2.60		2.70	
Sound Pressure Level	Indoor (Cooling)	H/M/L/Q	43/37/33/26		49/42/37/32	
	Indoor (Heating)	H/M/L/Q	42/37/33/25		48/42/37/32	
	Outdoor(Cooling/Heating)	High	50/51		55/56	
Sound Power Level	Indoor(Cooling/Heating)	High	58/58		64/64	
	Outdoor(Cooling/Heating)	High	65/-		68/-	
Airflow Rate	Indoor / Outdoor	High	m ³ /h 900/2150		1120/2460	
Net Dimensions H x W x D	Indoor	mm	320×998×238		320×998×238	
		kg	14		14	
Weight	Outdoor	mm	620×790×298		620×790×298	
		kg	41		41	
Remote Controller Type			Wireless		Wireless	
Interconnecting Cable (Suggested cable size 1.5mm)			3 Core + Earth		3 Core + Earth	
Suggested MCB Size			Amp 16		20	
Max. Operating Current			Cooling/Heating Amp 9.00/12.50		13.50/18.50	
Power Supply To			Outdoor			
Connection Pipe Diameter (Gas / Liquid)			Inch 1/2 & 1/4		5/8 & 1/4	
Max Pipe Length (Factory Gas Charge Pipe Length)			m 25 (15)		30 (15)	
Max Height Difference			m 20		20	
Refrigerant	Type	R410A		R410A		
	Charge	g	1,200		1,650	
	Additional Charge	g/m	20		20	
Operation Range	Cooling	°CDB	-10 to 46		-10 to 46	
	Heating	°CDB	-15 to 24		-15 to 24	
System List Price			£ 943		1483	

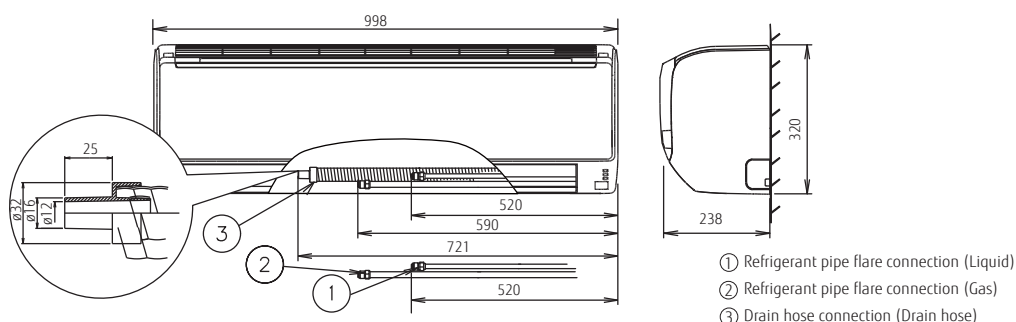
Optional parts

Wired Remote Controller:	UTYRVNYM	£104
Simple Remote Controller:	UTYRSNYM	£83
External Connect Kit:	UTYXWZX	£9
Modbus Interface:	FJRCMBS1	£234
KNX Interface:	FJRCKNX1i	£265
WiFi Interface:	FJRCWIF1	£234
Wireless LAN Interface:	UTYTFNXZ1	£143

(Refer to page 156 for accessory combinations)

Dimensions

(Unit : mm)



Wall Mounted Standard Range

Comfort for Large Room



Large Capacity & Powerful airflow

Achieved large capacity and powerful airflow by large heat exchanger, long cross-flow fan, high output DC fan motor and new airflow structure design.



Human sensor

Human sensor catches movements of people in a room, and operates with lower capacity when people leave the room. When people come back to the room, it automatically returns to previous operating mode.



Server room function*

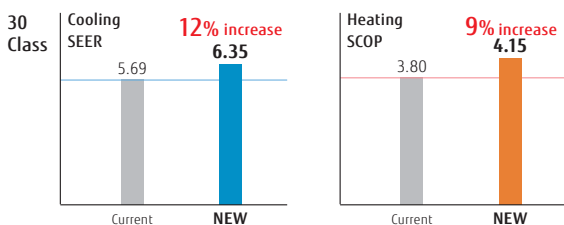
The following interlock operation is possible by connecting 2 indoor units with a cable. Cooling operation can be performed even in the low outdoor temperature and low humidity environment.

- **Alternative operation:** Two units operate alternately
- **Backup operation:** When 1 unit breaks down, the other unit starts operating automatically.
- **Supporting operation:** Both units operate simultaneously when the loaded capacity is not enough with one unit

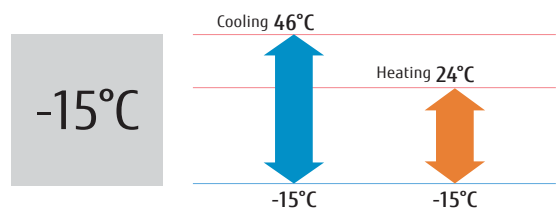
*2 x UTY-XWNX of optional parts are required.



High seasonal energy efficiency



Low ambient operation



Model: ASYG30LMTA / ASYG36LMTA



Wireless R.C.



Specifications

Model No.	Indoor unit		ASYG30LMTA		ASYG36LMTA	
	Outdoor unit		AOYG30LMTA		AOYG36LMTA	
Power Source	Single-phase, ~230V, 50Hz					
Nominal Capacity	Cooling	kW	8.0 (2.9-9.0)		9.4 (2.9-10.0)	
	Heating		8.8 (2.2-11.0)		10.1 (2.7-11.2)	
UK Total/Sensible Cooling			7.88/5.86		9.00/6.63	
Power Consumption	Cooling/Heating	kW	2.33/2.41		3.16/2.96	
EER	Cooling	W/W	3.43		2.97	
COP	Heating		3.65		3.41	
Pdesign	Cooling/Heating(-10°C)	kW	8.00/6.50		9.40/7.10	
SEER	Cooling	W/W	6.35		5.73	
SCOP	Heating (Average)		4.15		4.19	
Energy Efficiency Class	Cooling	A++		A+		
	Heating (Average)	A+		A+		
Annual Energy Consumption	Cooling	kWh/a	441		575	
	Heating		2,193		2,373	
Moisture Removal			2.70		3.70	
Sound Pressure Level	Indoor (Cooling)	H/M/L/Q	50/44/38/31		50/44/38/31	
	Indoor (Heating)	H/M/L/Q	49/44/39/33		49/44/39/33	
	Outdoor(Cooling/Heating)	High	52/55		55/56	
Sound Power Level	Indoor(Cooling/Heating)	High	65/65		65/65	
	Outdoor(Cooling/Heating)	High	67/68		68/70	
Airflow Rate	Indoor / Outdoor	High	m ³ /h 1380/3600		1380/3800	
Net Dimensions H x W x D	Indoor	mm	340×1150×280		340×1150×280	
		kg	18		18	
		mm	830×900×330		830×900×330	
Weight	Outdoor	kg	61		61	
			Wireless		Wireless	
Remote Controller Type			Wireless		Wireless	
Interconnecting Cable (Suggested cable size 1.5mm)			3 Core + Earth			
Suggested MCB Size	Amp		16		20	
Max. Operating Current	Cooling/Heating	Amp	14.50/14.50		19.00/19.00	
Power Supply To			Outdoor			
Connection Pipe Diameter (Gas / Liquid)	Inch		5/8 & 3/8		5/8 & 3/8	
Max Pipe Length (Factory Gas Charge Pipe Length)	m		50 (20)		50 (20)	
Max Height Difference			30		30	
Refrigerant	Type		R410A		R410A	
	Charge	g	2,100		2,100	
	Additional Charge	g/m	40		40	
Operation Range	Cooling	°CDB	-15 to 46		-15 to 46	
	Heating		-15 to 24		-15 to 24	
System List Price	£		2100		2240	

Optional parts

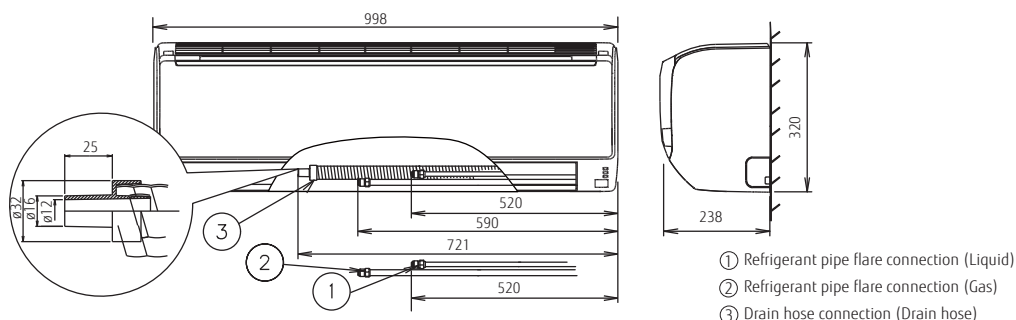
Wired Remote Controller (Touch panel (two-wire)):	UTYRNRZY1 + UTYTWRX	£161 + £78
Wired Remote Controller (High grade (three-wire)):	UTYRVNYM + UTYXWNX	£104 + £17
Wired Remote Controller (two-wire):	UTYRLRY + UTYTWRX	£125 + £78
Simple Remote Controller (three-wire):	UTYRSNYM + UTYXWNX	£83 + £17
External input and output PCB (with box):	UTYXCSXZ1 + UTZGXXB	£85 + £28
External Connect Kit:	UTYXWZX	£9
External Connect Kit:	UTYXWNX	£17

Modbus Interface:	FJRCMS1	£234
KNX Interface:	FJRCKNX1i	£265
WiFi Interface:	FJRCWIF1	£234
Wireless LAN Interface:	UTYTFNXZ1	£143

(Refer to page 156 for accessory combinations)

Dimensions

(Unit : mm)

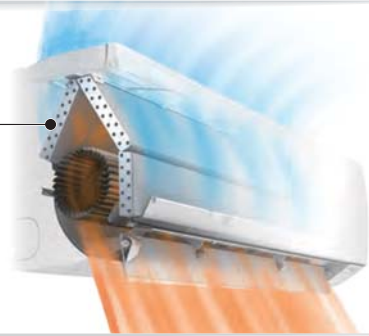
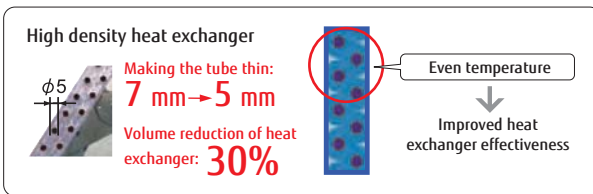


PRODUCT LINEUP: SPLIT

**Wall Mounted
ECO Range**
Compact & Comfort

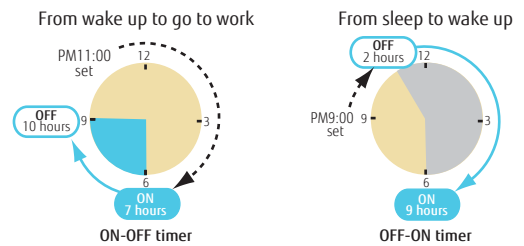


High efficient compact design



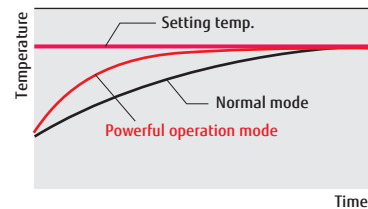
ON-OFF Programmable timer

You can set an integrated ON-OFF or OFF-ON timer suitable for your life style. (Setting time: 0.5, 1, 1.5, 2, 2.5, ----9.5, 10, 11, 12 hours)



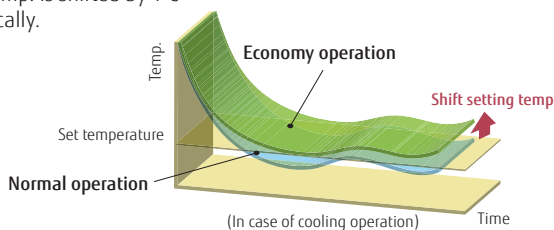
Powerful operation

20 minutes continuous operation by maximum airflow and maximum compressor speed is possible. Rapid cooling and heating makes the room comfortable quickly.

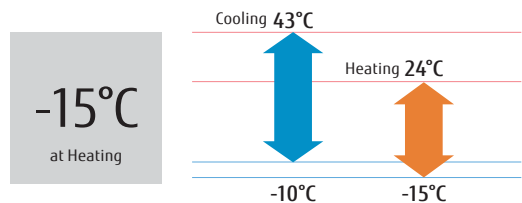


Economy operation

Setting temp. is shifted by 1°C automatically.



Low ambient operation



Model: ASYG09LLCE / ASYG12LLCE

Wireless R.C.

**Specifications**

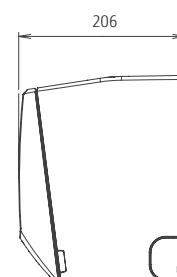
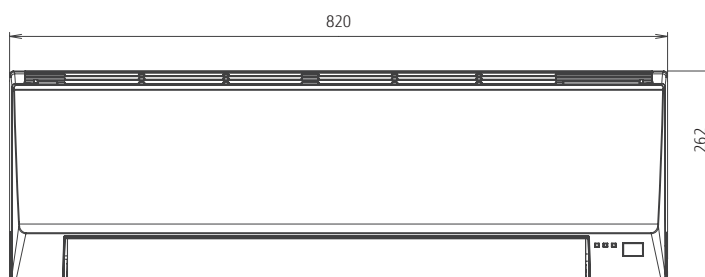
Model No.	Indoor unit		ASYG09LLCE		ASYG12LLCE	
	Outdoor unit		AOYG09LLCE		AOYG12LLCE	
Power Source			Single-phase, ~230V, 50Hz			
Nominal Capacity	Cooling	kW	2.5(0.9-3.0)		3.4(0.9-3.8)	
	Heating		3.0(0.9-3.8)		4.0(0.9-5.0)	
UK Total/Sensible Cooling			2.42 / 1.59		3.29 / 2.14	
Power Consumption	Cooling/Heating	kW	0.730-0.740		1.080/1.130	
EER	Cooling	W/W	3.42		3.15	
COP	Heating		4.05		3.54	
Pdesign	Cooling/Heating(-10°C)	kW	2.50/2.30		3.40/3.20	
SEER	Cooling	W/W	6.90		6.60	
SCOP	Heating (Average)		4.00		3.80	
Energy Efficiency Class	Cooling	A++		A++		
	Heating (Average)	A+		A		
Annual Energy Consumption	Cooling	kWh/a	127		180	
	Heating		805		1,179	
Moisture Removal			1.30		1.80	
Sound Pressure Level	Indoor (Cooling)	H/M/L/Q	43/38/33/22		43/38/33/22	
	Indoor (Heating)	H/M/L/Q	43/38/33/22		43/38/33/22	
Sound Power Level	Outdoor(Cooling/Heating)	High	47/48		50/51	
	Indoor(Cooling/Heating)	High	59/60		59/60	
Airflow Rate	Outdoor(Cooling/Heating)	High	61/61		65/65	
	Indoor / Outdoor	High	m ³ /h		720/1,670	
Net Dimensions H x W x D	Indoor	mm	262×820×206		262×820×206	
		kg	7.0		7.0	
Weight	Outdoor	mm	535×663×293		535×663×293	
		kg	24		26	
Remote Controller Type			Wireless		Wireless	
Interconnecting Cable (Suggested cable size 1.5mm)			Wireless		3 Core + Earth	
Suggested MCB Size		Amp	10		10	
Max. Operating Current		Amp	6.00/7.50		6.50/9.00	
Power Supply To			Outdoor			
Connection Pipe Diameter (Gas / Liquid)		Inch	3/8 & 1/4		3/8 & 1/4	
Max Pipe Length (Factory Gas Charge Pipe Length)		m	20(15)		20(15)	
Max Height Difference			15		15	
Refrigerant	Type		R410A		R410A	
	Charge	g	650		850	
	Additional Charge	g/m	20		20	
Operation Range	Cooling	°CDB	-10 to 43		-10 to 43	
	Heating	°CDB	-15 to 24		-15 to 24	
System List Price		£	555		632	

Optional parts

Remote Controller Holder: UTZRXL A £8

Dimensions

(Unit : mm)



Compact Cassette

4-way Flow

Compact & Comfort



2-stage turbo fan

High efficiency design by 2 stage fan

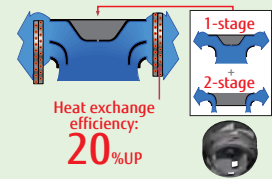
Previous turbo fan

In the case of a conventional fan, the air outlet range was narrow as the airflow moved to the motor side which meant the velocity of air passing through the heat exchanger was uneven.



2-stage turbo fan

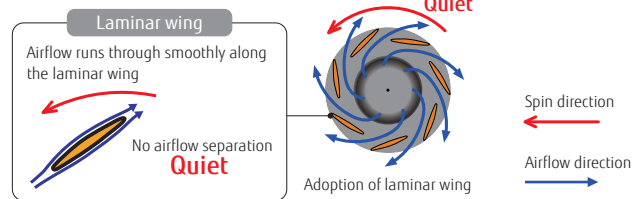
An evenly spread air distribution across the heat exchanger is possible due to the new 2 stage turbo fan which produces two separate airflow streams.



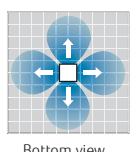
Quiet Air Flow

Optimised wing form (laminar wing type) and wing number (7 blades each)

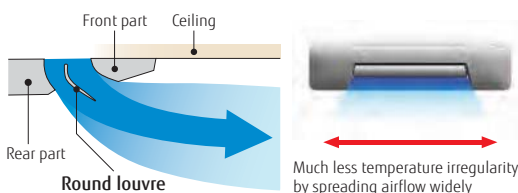
Designed by CFD-analysis (fluid) simulations



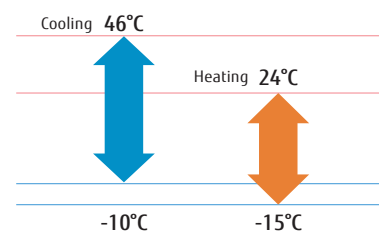
Improvement of the airflow distribution



New louvre: The louvre design distributes air leaving a space between the chassis and the ceiling allowing far and wide airflow distribution.



Low ambient operation



Model : AUYG12LVLB / AUYG14LVLB / AUYG18LVLB / AUYG24LVLA



Wireless R.C.



For AUYG12/14LVLB



For AUYG18LVLB



For AUYG24LVLA

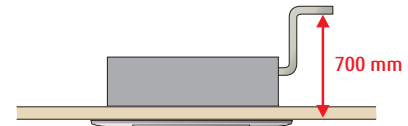
Specifications

Model No.	Indoor unit		AUYG12LVLB	AUYG14LVLB	AUYG18LVLB	AUYG24LVLA
	Outdoor unit		AOYG12LALL	AOYG14LALL	AOYG18LBCB	AOYG24LBCB
Power Source	Single-phase, ~230V, 50Hz					
Nominal Capacity	Cooling	kW	3.5 (0.9-4.4)	4.3 (0.9-5.4)	5.2 (0.9-5.9)	6.8 (0.9-8.0)
	Heating		4.1 (0.9-5.7)	5.0 (0.9-6.5)	6.0 (0.9-7.5)	6.8 (0.9-8.0)
UK Total / Sensible Cooling		kW	3.46 / 2.37	3.96 / 2.70	4.79 / 3.09	6.46 / 4.72
Input Power	Cooling / Heating	kW	1.05 / 1.11	1.33 / 1.34	1.62 / 1.66	2.21 / 2.26
EER	Cooling	W/W	3.33	3.21	3.21	3.08
COP	Heating		3.69	3.71	3.61	3.54
Pdesign	Cooling / Heating(-10°C)	kW	3.5 / 4.2	4.3 / 4.5	5.2 / 5.2	6.8 / 6.0
SEER	Cooling	W/W	6.20	6.40	6.20	5.60
SCOP	Heating (Average)		4.10	4.40	4.20	3.90
Energy Efficiency Class	Cooling		A++	A++	A++	A+
	Heating (Average)		A+	A+	A+	A
Annual Energy Consumption	Cooling	kWh/a	198	235	293	425
	Heating		1431	1432	1731	2151
Moisture Removal		l/h	1.2	1.5	2.2	2.7
Sound Pressure Level	Indoor (Cooling)	H/M/L/Q	37/34/30/27	38/34/30/27	46/42/38/28	46/42/38/28
	Indoor (Heating)	H/M/L/Q	37/34/31/29	43/38/34/30	43/38/34/30	49/45/40/33
Sound Power Level	Outdoor(Cooling/Heating)	High	47 / 48	49 / 49	50 / 50	53 / 54
	Indoor(Cooling / Heating)	High	49 / 49	50 / 55	50 / 55	59 / 61
	Outdoor(Cooling/Heating)	High	61 / 63	62 / 64	62 / 65	66 / 66
	Indoor / Outdoor	High	m ³ /h	600 / 1780	680 / 1910	680 / 2380
Net Dimensions H x W x D	Indoor	mm	245×570×570	245×570×570	245×570×570	245×570×570
	Outdoor	kg	15	15	15	16
Weight	Indoor	mm	578×790×300	578×790×300	632×799×290	714×820×315
	Outdoor	kg	40	40	36	42
Remote Controller Type (Supplied with unit)	Wireless					
Interconnecting Cable(Suggested cable size 1.5mm)	3 Core + Earth					
Suggested MCB Size		Amp	16	16	16	16
Max. Operating Current	Cooling / Heating	Amp	7.5 / 10.0	9.0 / 12.5	9.0 / 14.5	12.0 / 15.7
Power Supply To	Outdoor					
Connection Pipe Diameter (Gas & Liquid)		Inch	3/8 & 1/4	1/2 & 1/4	1/2 & 1/4	5/8 & 1/4
Max Pipe Length (Factory Gas Charge Pipe Length)		m	25 (15)	25 (15)	25 (15)	30 (15)
Max Height Difference		m	15	15	15	20
Refrigerant	Type		R410A	R410A	R410A	R410A
	Charge	g	1,150	1,250	1,200	1,500
	Additional Charge	g/m	20	20	20	20
Operation Range	Cooling	°CDB	-10 to 46	-10 to 46	-10 to 46	-10 to 46
	Heating	°CDB	-15 to 24	-15 to 24	-15 to 24	-15 to 24
Cassette Grille	Model name		UTG-UFYD-W	UTG-UFYD-W	UTG-UFYD-W	UTG-UFYD-W
	Dimensions (H × W × D)	mm	49×700×700	49×700×700	49×700×700	49×700×700
	Weight	kg	2.6	2.6	2.6	2.6
System List Price		£	1191	1467	1615	1988

Optional parts

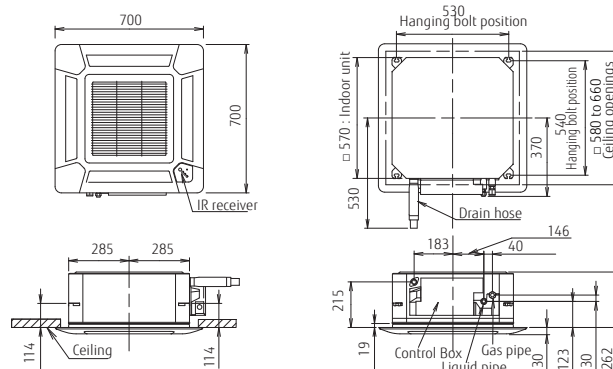
Wired Remote Controller:	UTYRVNYM	£104	Modbus Interface:	FJRCMBS1	£234
Simple Remote Controller:	UTYRSNYM	£83	KNX Interface:	FJRCKNX1i	£265
External Connect Kit:	UTYXWZX	£9	WiFi Interface:	FJRCWIF1	£234
Fresh Air Intake Kit:	UTZVXAA	£291			

(Refer to page 156 for accessory combinations)



Dimensions

(Unit : mm)



Cassette

Circular Flow

Comfort for large room



(30/36/45/54)



Unique Circular Flow design

New Cassette type realises Circular Flow to blow large airflow in 360° direction by mounting high performance DC fan motor, new turbo fan and unique seamless airflow louvre design.

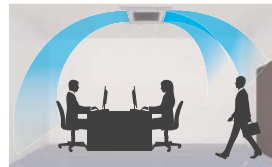
- ø7mm high density heat exchanger
- New DC fan motor
- High efficient turbo fan
- Seamless airflow louvre



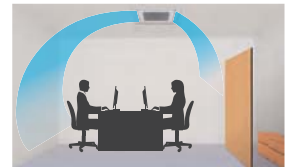
Individual louvre control

Each louvre can be set individually by Touch Panel Wired Remote Controller to enjoy the comfort of different directional airflows according to various room layouts.

*Touch Panel Wired RC (UTY-RNRYZ2) only



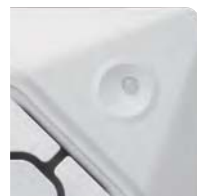
Comfortable air conditioning by preventing direct blowing of cold air and by providing swinging air flow simultaneously.



Efficient air conditioning based on the room layout

Human sensor increases more energy saving

Energy saving operation starts automatically by detecting the motion of a person. 2 modes of save operation mode and stop mode can be selected.



Human sensor (Option)

2 modes can be selected.

Auto saving Power is saved while people are away.

Auto OFF Operation stops after people go out.

*Touch Panel Wired RC (UTY-RNRYZ2) only

Condensate lift pump height



**Model: AUXG18LRLB / AUXG24LRLB
AUXG30LRLB / AUXG36LRLB / AUXG45LRLB / AUXG54LRLB**



Touch Panel Wired R.C.



For AUXG18/24LRLB For AUXG30/36LRLB For AUXG45/54LRLB

Specifications

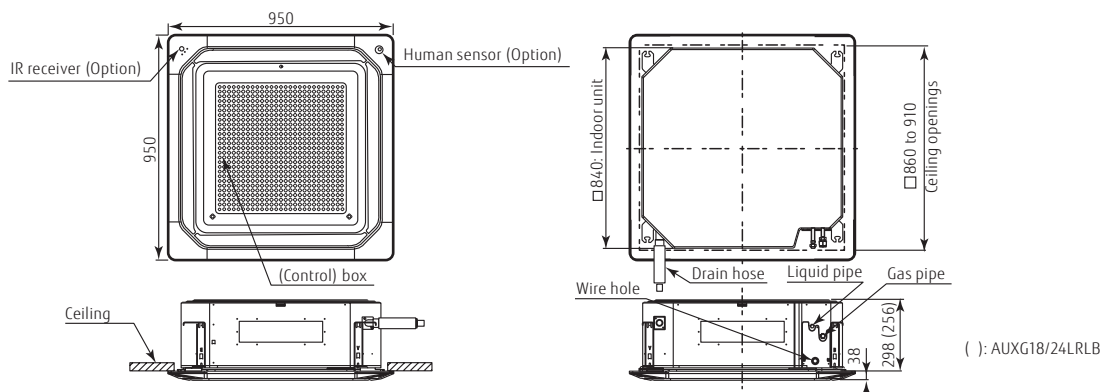
Model No.	Indoor unit		AUXG18LRLB	AUXG24LRLB	AUXG30LRLB	AUXG36LRLB	AUXG45LRLB	AUXG54LRLB	
	Outdoor unit		AOYG18LBCA	AOYG24LBCA	AOYG30LBT	AOYG36LBT	AOYG45LBT	AOYG54LBT	
Power Source			Single-phase, ~230V, 50Hz						
Nominal Capacity	Cooling	kW	5.2 (0.9-6.5)	6.8 (0.9-8.0)	8.5 (2.8-10.0)	9.5 (2.8-11.2)	12.5 (4.0-14.0)	13.3 (4.5-14.5)	
	Heating		6.0 (0.9-8.0)	7.8 (0.9-9.1)	10.0 (2.7-11.2)	10.8 (2.7-12.7)	14.0 (4.2-16.2)	15.8 (4.7-16.5)	
UK Total / Sensible Cooling			kW	6.0 / 4.54	6.99 / 5.2	10.15 / 7.32	11.79 / 8.49	13.06 / 9.67	13.39 / 9.82
Input Power	Cooling / Heating	kW	1.42 / 1.50	2.16 / 2.18	2.56 / 2.77	2.96 / 2.91	3.85 / 3.73	4.38 / 4.58	
EER	Cooling	W/W	3.66	3.15	3.32	3.21	3.25	3.04	
	Heating		4.00	3.58	3.61	3.71	3.75	3.45	
COP	Cooling / Heating (@ -10°C)	kW	5.2 / 4.3	6.8 / 6.0	8.5 / 8.0	9.5 / 8.7	12.5 / 9.2	13.3 / 9.2	
	Cooling		7.05	6.60	6.70	6.40	6.65 (LOT21)	6.25 (LOT21)	
SCOP	Heating (Average)	W/W	4.40	4.20	4.30	4.30	4.13 (LOT21)	4.01 (LOT21)	
	Cooling		A++	A++	A++	A++	-	-	
Energy Efficiency Class	Heating (Average)	A+		A+	A+	A+	-	-	
	Cooling	kWh/a		258	361	444	519	-	-
Annual Energy Consumption	Heating	kWh/a		1367	1999	2604	2833	-	-
	Moisture Removal	l/h		2.2	2.7	2.5	3.3	4.5	5.0
Sound Pressure Level	Indoor (Cooling)	H/M/L/Q	33/32/31/28		35/33/32/29	40/38/36/33	44/41/38/34	46/42/39/35	47/43/40/36
	Indoor (Heating)	H/M/L/Q	33/32/31/28		35/33/32/29	40/38/36/33	44/41/38/34	46/42/39/35	47/43/40/36
Sound Power Level	Outdoor (Cooling/Heating)	High	51/50		55/56	53/55	54/55	55/55	55/57
	Indoor (Cooling/Heating)	High	47/47		49/49	54/54	58/58	60/60	61/61
Airflow Rate	Outdoor (Cooling/Heating)	High	64/62		68/68	67/69	68/70	68/68	69/71
	Indoor / Outdoor	High	m³/h		1050/1900	1150/2460	1600/3600	1900/3800	2000/6750
Net Dimensions H x W x D	Indoor	mm	246×840×840		246×840×840	288×840×840	288×840×840	288×840×840	288×840×840
		kg	24		24	26	26	29	29
		mm	620×790×290		620×790×290	830×900×330	830×900×330	1290×900×330	1290×900×330
Weight	Outdoor	mm	620×790×290		620×790×290	830×900×330	830×900×330	1290×900×330	1290×900×330
		kg	41		41	61	61	86	86
Remote Controller Type (Supplied With Grille)			Wired	Wired	Wired	Wired	Wired	Wired	
Interconnecting Cable (Suggested cable size 1.5 mm)			3 core + Earth						
Suggested MCB Size			Amp	16	20	20	25	25	25
Max. Operating Current	Cooling / Heating	Amp	10.0 / 13.5	13.5 / 18.5	17.0 / 17.0	20.0 / 20.0	20.5 / 20.5	21.5 / 21.5	
Power Supply To			Outdoor Unit						
Connection Pipe Diameter (Gas & Liquid)	Inch		1/2 & 1/4	5/8 & 1/4	5/8 & 3/8	5/8 & 3/8	5/8 & 3/8	5/8 & 3/8	
Max Pipe Length (Factory Gas Charge Pipe Length)	m		30 (15)	30 (15)	50 (20)	50 (20)	50 (20)	50 (20)	
Max Height Difference			20	20	30	30	30	30	
Refrigerant	Type	R410A		R410A	R410A	R410A	R410A	R410A	
	Charge	g	1,800	1,800	2,100	2,100	3,350	3,350	
	Additional Charge	g/m	20	20	40	40	40	40	
Operation Range	Cooling	°CDB	-15 to 46	-15 to 46	-15 to 46	-15 to 46	-15 to 46	-15 to 46	
	Heating	°CDB	-15 to 24	-15 to 24	-15 to 24	-15 to 24	-15 to 24	-15 to 24	
Cassette Grille (to be ordered separately)	Model name	UTG-UKYA-W		UTG-UKYA-W	UTG-UKYA-W	UTG-UKYA-W	UTG-UKYA-W	UTG-UKYA-W	
	Dimensions (H x W x D)	mm		53×950×950	53×950×950	53×950×950	53×950×950	53×950×950	
	Weight	kg		6.0	6.0	6.0	6.0	6.0	
System List Price			£	2003	2127	2426	2859	3154	3662

Optional parts

Simple Remote Controller:	UTYRSNYM	£83	Modbus Interface:	FJRCMBS1	£234
IR Receiver Kit:	UTYLBTYC	£98	KNX Interface:	FJRCKNX1i	£265
Human Sensor Kit:	UTYSHZXC	£61	WiFi Interface:	FJRCWIF1	£234
Fresh Air Intake Kit:	UTZVXRA	£364	Wireless LAN Interface:	UTYTFNXZ1	£143
External Input & Output PCB (with box):	UTYXCXSX + UTZGXRA	£85 + £53	(Refer to page 156 for accessory combinations)		
External Connect Kit:	UTYXWZXC, UTYXWZXC3	£8, £9			

Dimensions

(Unit : mm)



Cassette

4-way Flow

Comfort for large room

Single phase

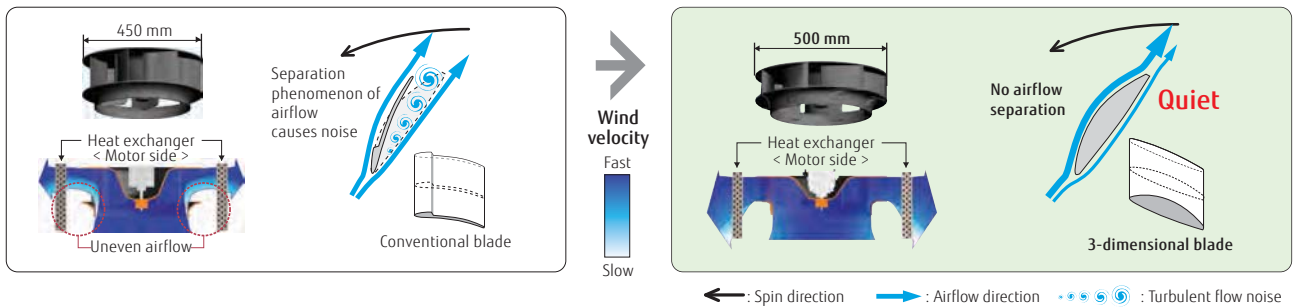


(45/54)

High efficiency turbo fan with 3-dimensional blade

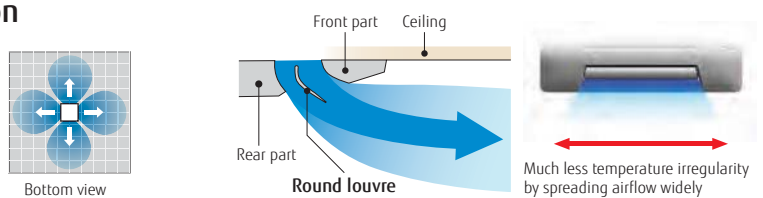
Previous turbo fan: Air passing through the heat exchanger was uneven and the air would only flow close to the ceiling.

New turbo fan: High efficiency airflow distribution has been achieved by the introduction of a 3 dimensional blade which increases the air passing over the heat exchanger.



Improvement of the airflow distribution

New louvre: The louvre design distributes air leaving a space between the chassis and the ceiling allowing far and wide airflow distribution.

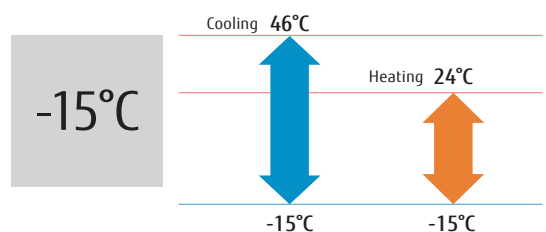


Adjustment of hanger position is possible after installation

Hanging bracket can be checked directly by removing the corner cover. Hanging position can be arranged easily.



Low ambient operation



Model : AUYG30LRLE / AUYG36LRLE / AUYG45LRLA / AUYG54LRLA / AUYG36LRLA [3phase] / AUYG45LRLA [3phase] / AUYG54LRLA [3phase]



Wired R.C.



For AUYG30/36LRLE



For AUYG36/45/54LRLA

Specifications

Model No.	Indoor unit		AUYG30LRLE	AUYG36LRLE	AUYG45LRLA	AUYG54LRLA	AUYG36LRLA	AUYG45LRLA	AUYG54LRLA
	Outdoor unit		AOYG30LETL	AOYG36LETL	AOYG45LETL	AOYG54LETL	AOYG36LATT	AOYG45LATT	AOYG54LATT
Power Source			Single-phase, ~230V, 50Hz				3-phase, ~400V, 50Hz		
Nominal Capacity	Cooling	kW	8.5 (2.8-10.0)	10.0 (2.8-11.2)	12.5 (4.0-14.0)	13.3 (4.5-14.5)	10.0 (4.7-11.4)	12.5 (5.0-14.0)	14.0 (5.4-16.0)
	Heating		10.0 (2.7-11.2)	11.2 (2.7-12.7)	14.0 (4.2-16.2)	16.0 (4.7-16.5)	11.2 (5.0-14.0)	14.0 (5.4-16.2)	16.0 (5.8-18.0)
UK Total / Sensible Cooling		kW	8.63 / 6.22	10.53 / 7.58	11.66 / 8.63	12.28 / 9.01	9.27 / 6.42	11.63 / 7.64	12.87 / 8.51
Input Power	Cooling / Heating	kW	2.65 / 2.77	3.12 / 3.02	3.88 / 3.77	4.42 / 4.69	2.44 / 2.56	3.54 / 3.58	4.36 / 4.43
EER	Cooling	W/W	3.21	3.21	3.22	3.01	4.10	3.53	3.21
	Heating		3.61	3.71	3.71	3.41	4.38	3.91	3.61
COP	Cooling / Heating (-10°C)	kW	8.5 / 8.0	10.0 / 8.7	12.5 / 9.2	13.3 / 9.5	10.0 / 10.0	12.5 / 10.1	14.0 / 10.4
	Cooling		6.50	6.30	6.63 (LOT21)	6.23 (LOT21)	6.50	6.33 (LOT21)	5.95 (LOT21)
SEER	Heating (Average)	W/W	4.30	4.20	4.10 (LOT21)	4.00 (LOT21)	4.30	4.17 (LOT21)	4.09 (LOT21)
	Cooling		A++	A++	-	-	A++	-	-
Energy Efficiency Class	Heating (Average)	A+		A+	-	-	A+	-	-
	Cooling	458	555	-	-	573	-	-	
Annual Energy Consumption	Heating	kWh/a	2604	2897	-	-	3253	-	-
	Moisture Removal	l/h	2.5	3.5	4.5	5.0	3.0	4.5	5.0
Sound Pressure Level	Indoor (Cooling)	H/M/L/Q	40/38/36/32	43/38/36/32	46/42/40/36	47/43/41/37	44/39/36/33	46/42/40/36	47/43/41/37
	Indoor (Heating)	H/M/L/Q	40/38/36/32	43/38/36/32	46/42/40/36	47/43/41/37	44/39/36/33	46/42/40/36	47/43/41/37
Sound Power Level	Outdoor(Cooling/Heating)	High	53/55	54/55	55/55	55/57	51/53	54/54	55/56
	Indoor(Cooling/Heating)	High	54/54	57/57	-	-	58/58	-	-
Airflow Rate	Outdoor(Cooling/Heating)	High	68/69	69/70	-	-	67/69	-	-
	Indoor / Outdoor	High	m ³ /h	1600/3600	1800/3800	1900/6750	2000/6750	1800/6200	1900/6900
Net Dimensions H x W x D	Indoor (ex grille)	mm	288x840x840	288x840x840	288x840x840	288x840x840	288x840x840	288x840x840	288x840x840
	Outdoor	mm	830x900x330	830x900x330	1290x900x330	1290x900x330	1290x900x330	1290x900x330	1290x900x330
Weight	Indoor (ex grille)	kg	26	26	26	26	26	26	26
	Outdoor	kg	61	61	86	86	104	104	104
Remote Controller Type (Supplied with unit)			Wired	Wired	Wired	Wired	Wired	Wired	Wired
Interconnecting Cable (Suggested cable size 1.5mm)			3 Core + Earth				3 Core + Earth		
Suggested MCB Size			Amp	20	25	25	25	16	16
Max. Operating Current	Cooling / Heating	Amp	17.0 / 17.0	18.5 / 20.0	20.5 / 20.5	21.5 / 21.5	7.9 / 7.9	8.9 / 8.9	9.9 / 9.9
Power Supply To			Outdoor				Outdoor		
Connection Pipe Diameter (Gas & Liquid)	Inch		5/8 & 3/8	5/8 & 3/8	5/8 & 3/8	5/8 & 3/8	5/8 & 3/8	5/8 & 3/8	5/8 & 3/8
Max Pipe Length (Factory Gas Charge Length)	m		50 (20)	50 (20)	50 (20)	50 (20)	75 (30)	75 (30)	75 (30)
Max Height Difference			30	30	30	30	30	30	30
Refrigerant	Type		R410A	R410A	R410A	R410A	R410A	R410A	R410A
	Charge	g	2,100	2,100	3,350	3,350	3,450	3,450	3,450
Operation Range	Additional Charge	g/m	40	40	40	40	50	50	50
	Cooling	°CDB	-15 to 46	-15 to 46	-15 to 46	-15 to 46	-15 to 46	-15 to 46	-15 to 46
Cassette Grille	Heating	°CDB	-15 to 24	-15 to 24	-15 to 24	-15 to 24	-15 to 24	-15 to 24	-15 to 24
	Model name		UTG-UGYA-W	UTG-UGYA-W	UTG-UGYA-W	UTG-UGYA-W	UTG-UGYA-W	UTG-UGYA-W	UTG-UGYA-W
System List Price	Dimensions (H x W x D)	mm	50x950x950	50x950x950	50x950x950	50x950x950	50x950x950	50x950x950	50x950x950
	Weight	kg	5.5	5.5	5.5	5.5	5.5	5.5	5.5

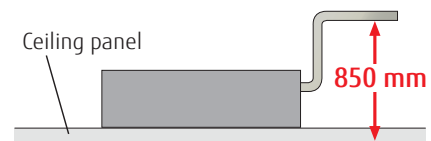
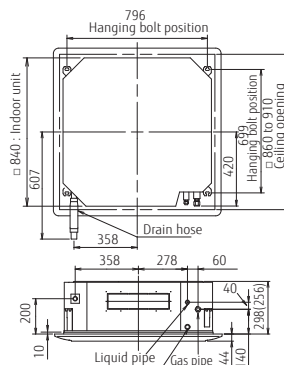
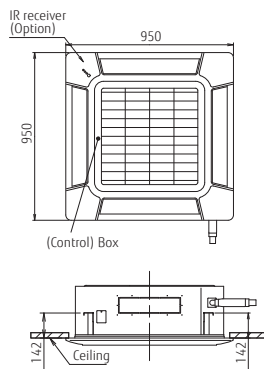
Optional parts

Wired Remote Controller:	UTYRVNYM	£104	Modbus Interface:	FJRCMSB1	£234
Simple Remote Controller:	UTYRSNYM	£83	KNX Interface:	FJRCNX1i	£265
IR Receiver Kit:	UTYLRHYA2	£76	WiFi Interface:	FJRCWIF1	£234
External Connect Kit:	UTYXWZX	£9	Wireless LAN Interface:	UTYTFNXZ1	£143
Fresh Air Intake Kit:	UTZVXGA	£364			

(Refer to page 156 for accessory combinations)

Dimensions

(Unit : mm)



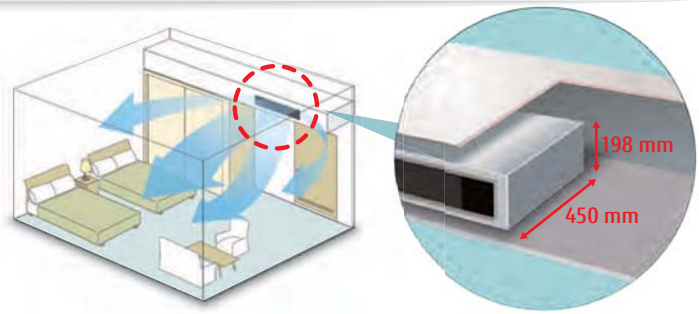
Bulkhead Duct

Built-in Drain Pump



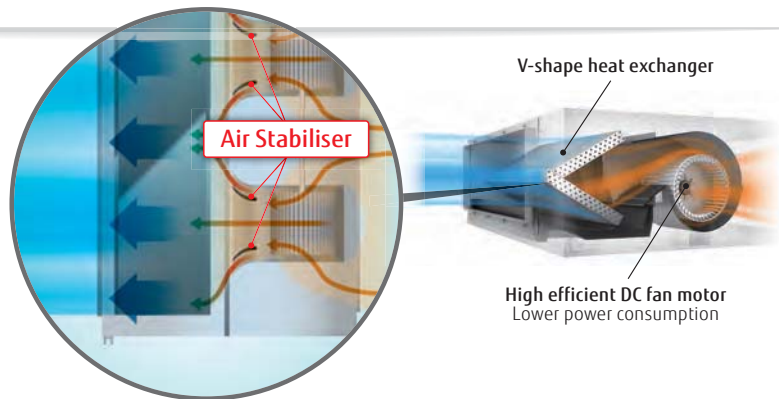
Large living space available

- Installation space can be reduced down to minimum depth 450 mm height 198 mm and providing a compact design
- Minimum size: Depth 450 mm, Height 198 mm Volume 27% down compared with current model
- Lightweight: 15.5 kg 18% down (12/14 class)



Optimum airflow path and low noise operation

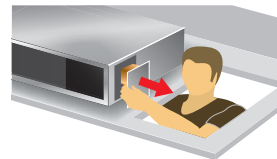
Low noise is achieved drastically by stabilised airflow design



Easy design and maintenance for drain

By using the DC fan motor, it is possible to change the static pressure range from 0 to 50 Pa*. The change of static pressure range is possible by remote controller. *: 0 to 30 Pa. (12)

Built-in drain pump as standard:
Maintenance is easy



Parts can be replaced from the side of the body where maintenance is easier

Auto Louvre Grille Kit (Option)

- Thin design provides a comfortable living environment over a wide area.
- Automatic louvre grille provides comfortable air conditioning all the way down to the floor and matches the interior design well. (Optional)



Model : ARYG12LSLAP / ARYG14LSLAP / ARYG18LSLAP



ARYG12/14LSLAP



ARYG18LSLAP



Wired R.C.



For ARYG12/14LSLAP



For ARYG18LSLAP

Specifications

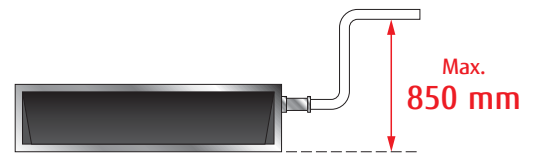
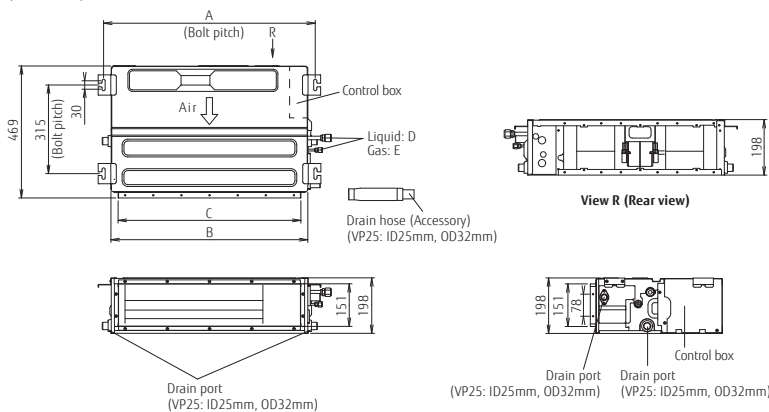
Model No.	Indoor unit		ARYG12LSLAP	ARYG14LSLAP	ARYG18LSLAP
	Outdoor unit		AOYG12LALL	AOYG14LALL	AOYG18LBCB
Power Source			Single-phase, ~230V, 50Hz		
Capacity	Cooling	kW	3.50 (0.90-4.40)	4.30 (0.90-5.40)	5.20 (0.90-5.90)
	Heating		4.10 (0.90-5.70)	5.00 (0.90-6.50)	6.00 (0.90-7.50)
UK Total/Sensible Cooling		kW	3.36 / 2.56	4.11 / 3.15	4.98 / 3.79
Input Power	Cooling/Heating	kW	1.03/1.15	1.34/1.49	1.62/1.77
EER	Cooling	W/W	3.40	3.21	3.21
	Heating		3.56	3.35	3.38
Pdesign	Cooling/Heating(-10°C)	kW	3.5/4.2	4.3/4.5	5.2/5.2
SEER	Cooling	W/W	5.70	5.60	5.80
	Heating		3.90	3.80	3.80
SCOP	Cooling	Energy Efficiency Class	A+	A+	A+
	Heating		A	A	A
Annual Energy Consumption	Cooling	kWh/a	215	269	314
	Heating		1505	1656	1913
Moisture Removal		l/h	1.2	1.4	1.8
Sound Pressure Level	Indoor (Cooling)	H/M/L/Q	31/27/25/23	35/30/27/23	33/29/26/23
	Indoor (Heating)	H/M/L/Q	31/27/25/23	35/30/27/23	33/29/26/23
	Outdoor (Cooling/Heating)	High	47/48	49/49	50/50
Sound Power Level	Indoor (Cooling/Heating)	High	55/57	60/62	58/59
	Outdoor (Cooling/Heating)	High	61/63	62/64	62/65
Airflow Rate	Indoor / Outdoor	High	650/1780	800/1910	940/2380
Static pressure range (Standard)		Pa	0 - 30 (10)	0 - 50 (15)	0 - 50 (15)
Net Dimensions H x W x D	Indoor	mm	198x700x450	198x700x450	198x900x450
		kg	15.5	15.5	18.5
Weight	Outdoor	mm	578x790x300	578x790x300	632x799x290
		kg	40	40	36
Remote Controller Type (Supplied With Unit)			Wired	Wired	Wired
Interconnecting Cable (Suggested cable size 1.5mm)			3 Core + Earth		
Suggested MCB Size		Amp	16	16	16
Max. Operating Current	Cooling/Heating	Amp	7.5/10.0	9.0/12.5	9.0/14.5
Power Supply To			Outdoor		
Connection Pipe Diameter (Gas & Liquid)		Inch	1/4 & 3/8	1/4 & 1/2	1/4 & 1/2
Max Pipe Length (Factory Gas Charge Length)		m	25 (15)	25 (15)	25 (15)
Max Height Difference			15	15	15
Refrigerant	Type		R410A	R410A	R410A
	Charge	g	1150	1250	1200
	Additional Charge	g/m	20	20	20
Operation Range	Cooling	°CDB	-10 to 46	-10 to 46	-10 to 46
	Heating		-15 to 24	-15 to 24	-15 to 24
System List Price		£	1281	1386	1581

Optional parts

- Wired Remote Controller: UTYRNRZ2 £161
 - Simple Remote Controller: UTYSRY £120
 - IR Receiver Kit: UTYLBTYM £266
 - Remote Sensor Unit: UTYSZX £56
 - External connect Kit: UTYXWZXG £8
 - Wireless LAN Interface: UTYFSXZ1 £143
 - Auto Louvre Grille Kit: UTDGXSAW (ARYG12/14LSLAP) £135
 - UTDGXSBW (ARYG18LSLAP) £151
- (Refer to page 156 for accessory combinations)

Dimensions

(Unit : mm)



Drain hose is a standard accessory

	ARYG12/14LSLAP	ARYG18LSLAP
A	752	952
B	700	900
C	650	850
D	6.35	9.52
E	12.7	15.88

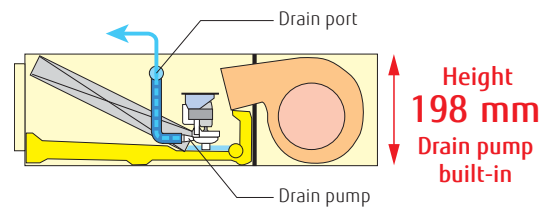
Slim Duct

Slim & Comfort



Slim design

The slim design allows installations where ceilings are narrow. Drain hose as standard accessory



Flexible installation

2-type installation methods of ceiling concealed and floor concealed can be selected. Can also be installed in a Bulkhead.

Ceiling concealed



Floor concealed



Selectable with a wide range of static pressure

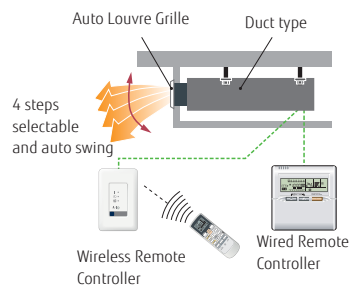
By using the DC fan motor, it is possible to change the static pressure range from 0 to 90 Pa. The change of static pressure range is possible by remote controller.



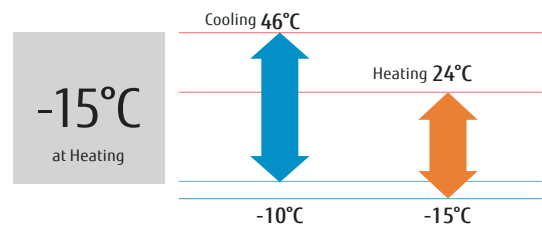
Static pressure range
0 to 90 Pa

Auto Louvre Grille Kit (Option)

Simple flat Auto Louvre will provide comfort airflow and harmonise with luxury interior.



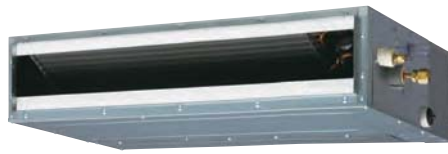
Low ambient operation



Model : ARYG12LLTB / ARYG14LLTB / ARYG18LLTB



ARYG12/14LLTB



ARYG18LLTB



Wired R.C.



For ARYG12/14LLTB



For ARYG18LLTB

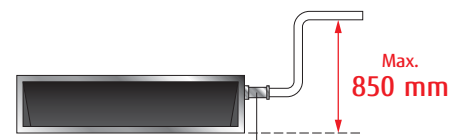
Specifications

Model No.	Indoor unit		ARYG12LLTB	ARYG14LLTB	ARYG18LLTB	
	Outdoor unit		AOYG12LALL	AOYG14LALL	AOYG18LBCB	
Power Source	Single-phase, ~230V, 50Hz					
Capacity	Cooling	kW	3.5 (0.9-4.4)	4.3 (0.9-5.4)	5.2 (0.9-5.9)	
	Heating		4.1 (0.9-5.7)	5.0 (0.9-6.5)	6.0 (0.9-7.5)	
UK Total / Sensible Cooling			3.48 / 2.47	3.97 / 2.90	4.80 / 3.45	
Input Power	Cooling / Heating	kW	1.05 / 1.11	1.33 / 1.34	1.62 / 1.66	
EER	Cooling	W/W	3.33	3.21	3.21	
COP	Heating		3.69	3.71	3.61	
Pdesign	Cooling / Heating(-10°C)	kW	3.5 / 4.2	4.3 / 4.5	5.2 / 5.2	
SEER	Cooling	W/W	5.90	5.80	6.20	
SCOP	Heating		4.00	3.90	4.10	
Energy Efficiency Class	Cooling	A+		A+	A++	
	Heating	A+		A	A+	
Annual Energy Consumption	Cooling	kWh/a	207	259	294	
	Heating		1467	1614	1775	
Moisture Removal			1.3	1.5	2.0	
Sound Pressure Level	Indoor (Cooling)	H/M/L/Q	29/28/26/25	32/30/28/26	32/30/29/27	
	Indoor (Heating)	H/M/L/Q	29/28/26/24	32/30/28/25	32/30/29/27	
Sound Power Level	Outdoor(Cooling/Heating)	High	47 / 48	49 / 49	50 / 50	
	Indoor(Cooling/Heating)	High	58 / 58	60 / 60	58 / 58	
	Outdoor(Cooling/Heating)	High	61 / 63	62 / 64	62 / 65	
	Indoor(Cooling/Heating)	High	61 / 63	62 / 64	62 / 65	
Airflow Rate	Indoor / Outdoor	High	m³/h	650 / 1780	800 / 1910	940 / 2000
Static pressure range (Standard)			Pa	0 to 90 (25)	0 to 90 (25)	0 to 90 (25)
Net Dimensions H x W x D	Indoor	mm	198×700×620	198×700×620	198×900×620	
		kg	19	19	23	
Weight	Outdoor	mm	578×790×300	578×790×300	578×790×300	
		kg	40	40	40	
Remote Controller Type (Supplied With Unit)			Wired	Wired	Wired	
Interconnecting Cable (Suggested cable size 1.5mm)			3 Core + Earth			
Suggested MCB Size			Amp	16	16	
Max. Operating Current	Cooling / Heating	Amp	7.5 / 10.0	9.0 / 12.5	9.0 / 12.5	
Power Supply To			Outdoor			
Connection Pipe Diameter (Gas & Liquid)			Inch	3/8 & 1/4	1/2 & 1/4	
Max Pipe Length (Factory Gas Charge Length)			m	25 (15)	25 (15)	
Max Height Difference				15	15	
Refrigerant	Type		R410A	R410A	R410A	
	Charge	g	1,150	1,250	1,250	
	Additional Charge	g/m	20	20	20	
Operation Range	Cooling	°CDB	-10 to 46	-10 to 46	-10 to 46	
	Heating	°CDB	-15 to 24	-15 to 24	-15 to 24	
System List Price			£	1226	1363	1558

Optional parts

Wired Remote Controller:	UTYRVNYM	£104	Modbus Interface:	FJRCMSB1	£234
Simple Remote Controller:	UTYRSNYM	£83	KNX Interface:	FJRCNX1i	£265
IR Receiver Kit:	UTYLRHYM	£262	WiFi Interface:	FJRCWIFI1	£234
Remote Sensor Unit:	UTYXSZX	£56	Auto Louvre Grille Kit:	UTDGSASW (ARYG12/14LLTB)	£135
External Connect Kit:	UTDECS5A	£14		UTDGXSBW (ARYG18LLTB)	£151
Wireless LAN Interface:	UTYTFNXZ1	£143			

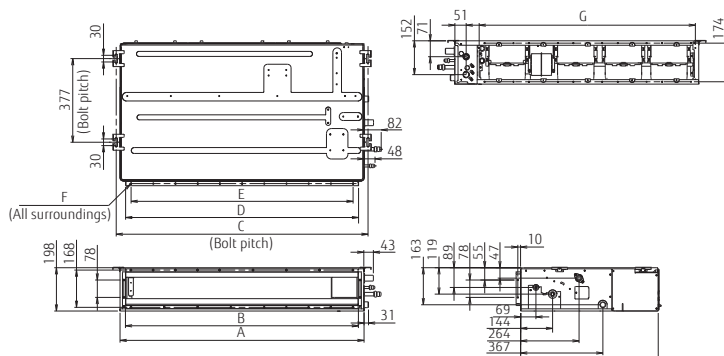
(Refer to page 156 for accessory combinations)



Drain hose is standard accessory

Dimensions

(Unit : mm)



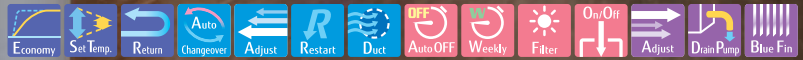
	ARYG12 / 14LLTB	ARYG18LLTB
A	700	900
B	650	850
C	734	934
D	650	850
E	P100x6=600	P100x8=800
F	18xØ5	22xØ5
G	574	774

PRODUCT LINEUP: SPLIT

Medium Static Pressure Duct

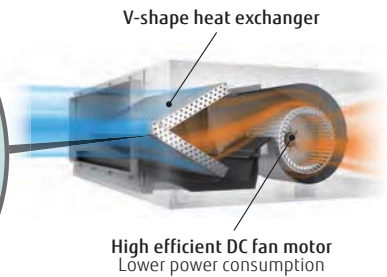
Compact & Comfort

(30/36/45/54) (12/14/18/24)



High Efficiency & Quiet operation

The combination of the V-shaped heat exchanger, air stabiliser, and the high efficient DC fan motor allows high efficiency and quiet operation.



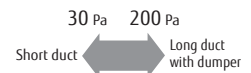
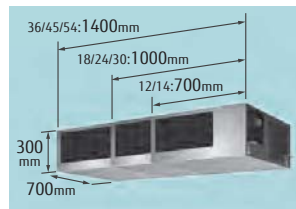
Automatic Airflow adjustment function

This unique and innovative function detects the required air flow for each application and automatically adjusts the air volume.



Improved installation flexibility

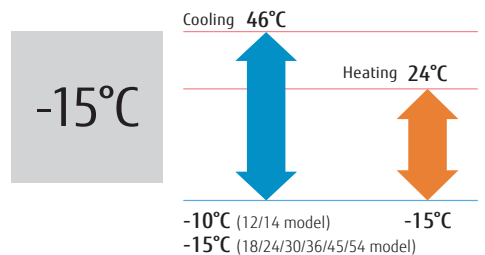
- Capable to be installed in various applications that requires static pressure of 30 Pa to 200 Pa
- Built-in drain pump, rises drain up to 850 mm
- Unified depth throughout the range enables the selection of the capacity regardless of the additional space.



Improved service and maintenance

- Drain pump is easily detachable from the side
- Easy access to electrical box
- Error code can be checked in more detail from error history

Low ambient operation



**Model: ARYG12LHTBP / ARYG14LHTBP / ARYG18LHTBP / ARYG24LHTBP
ARYG30LHTBP / ARYG36LHTBP / ARYG45LHTBP / ARYG54LHTBP**



Touch Panel Wired R.C.



For ARYG12/14LHTBP For ARYG18/24LHTBP For ARYG30/36LHTBP For ARYG45/54LHTBP

Specifications

Model No.	Indoor unit		ARYG12LHTBP	ARYG14LHTBP	ARYG18LHTBP	ARYG24LHTBP	ARYG30LHTBP	ARYG36LHTBP	ARYG45LHTBP	ARYG54LHTBP		
	Outdoor unit		AOYG12LBLA	AOYG14LBLA	AOYG18LBCA	AOYG24LBCA	AOYG30LBTB	AOYG36LBTB	AOYG45LBTB	AOYG54LBTB		
Power Source			Single-phase, ~230V, 50Hz									
Capacity	Cooling	kW	3.5 (0.9-4.4)	4.3 (0.9-5.4)	5.2 (0.9-6.5)	6.8 (0.9-8.0)	8.5 (2.8-10.0)	9.4 (2.8-11.2)	12.1 (4.0-14.0)	13.4 (4.5-14.5)		
	Heating		4.1 (0.9-5.7)	5.0 (0.9-6.5)	6.0 (0.9-8.0)	8.0 (0.9-9.1)	10.0 (2.7-11.2)	11.2 (2.7-12.7)	13.3 (4.2-16.2)	16.0 (4.7-16.5)		
UK Total / Sensible Cooling			kW	3.31/2.92	4.18/3.53	4.57/3.37	5.98/4.84	8.59/6.84	9.03/7.38	11.31/9.40	12.89/10.42	
Input Power	Cooling/Heating	kW	0.90 / 1.00	1.18 / 1.25	1.37 / 1.48	1.95 / 2.21	2.65 / 2.70	2.83 / 3.07	3.59 / 3.44	4.42 / 4.62		
EER	Cooling		3.89	3.64	3.80	3.49	3.21	3.32	3.37	3.03		
COP	Heating	W/W	4.10	4.00	4.05	3.62	3.70	3.65	3.87	3.46		
	Pdesign		Cooling/Heating(-10°C)	kW	3.5/4.2	4.3/4.5	5.2/ 4.3	6.8/ 6.0	8.5/8.0	9.4/8.7	12.1 / 9.2	13.4 / 9.5
SEER	Cooling	W/W	6.20	4.3/4.5	7.15	6.50	5.95	5.81	5.54 (LOT21)	5.41 (LOT21)		
SCOP	Heating (Average)		4.10	3.95	4.11	4.01	3.95	3.81	3.87 (LOT21)	3.85 (LOT21)		
Energy Efficiency Class	Cooling			A++	A+	A++	A++	A+	A+	-	-	
	Heating (Average)			A+	A	A+	A+	A	A	-	-	
Annual Energy Consumption	Cooling	kWh/a	198	247	255	366	500	566	-	-		
	Heating		1434	1573	1462	2092	2833	3194	-	-		
Moisture Removal			l/h	0.7	0.9	1.2	1.8	2.3	2.0	2.6	3.7	
Sound Pressure Level	Indoor (Cooling)	H/M/L/Q			32/30/25/22	33/28/27/23	28/25/22/20	32/28/24/21	36/33/30/29	36/31/28/26	39/35/31/29	39/35/31/29
	Indoor (Heating)	H/M/L/Q			32/30/25/22	33/28/27/23	28/25/22/20	32/28/24/21	36/33/30/29	33/31/28/26	39/35/31/29	39/35/31/29
Sound Power Level	Indoor(Cooling/Heating)	High			47 / 48	49 / 49	50 / 51	55 / 56	53 / 55	54 / 55	55 / 57	55 / 57
	Outdoor(Cooling/Heating)	High			TBC	TBC	54 / 54	57 / 57	63 / 65	64 / 63	67 / 69	67 / 69
Airflow Rate (High)	Indoor / Outdoor	High			61 / 63	62 / 63	63 / 62	68 / 68	68 / 69	69 / 70	68 / 68	69 / 71
	Static pressure range (Standard)			Pa	30 to 200 (35)	30 to 200 (35)	30 to 200 (35)	30 to 200 (35)	30 to 200 (47)	30 to 200 (47)	30 to 200 (60)	30 to 200 (60)
Net Dimensions H x W x D	Indoor			mm	300×700×700	300×700×700	300×1000×700	300×1000×700	300×1400×700	300×1400×700	300×1400×700	
	Outdoor			kg	27	27	36	36	46	46	46	
Weight	Indoor			mm	578×790×300	578×790×300	620×790×290	620×790×290	830×900×330	830×900×330	1290×900×330	1290×900×330
	Outdoor			kg	40	40	41	41	61	61	86	86
Remote Controller Type (Supplied with unit)					Wired	Wired	Wired	Wired	Wired	Wired	Wired	
Interconnecting Cable (Suggested cable size 1.5mm)					3 Core + Earth							
Suggested MCB Size					Amp	16	16	16	20	25	25	25
Max. Operating Current	Cooling/Heating	Amp			7.5 / 10.0	9.0 / 12.5	10.0 / 13.5	13.5 / 18.5	17.0 / 17.0	20.0 / 20.0	22.5 / 22.5	23.5 / 23.5
Power Supply To					Outdoor							
Connection Pipe Diameter (Gas & Liquid)					Inch	3/8 & 1/4	1/2 & 1/4	1/2 & 1/4	5/8 & 1/4	5/8 & 3/8	5/8 & 3/8	5/8 & 3/8
Max Pipe Length (Factory Gas Charge Length)					m	25 (15)	25 (15)	30 (15)	30 (15)	50 (20)	50 (20)	50 (20)
Max Height Difference					m	15	15	20	20	30	30	30
Refrigerant	Type			g	R410A	R410A	R410A	R410A	R410A	R410A	R410A	
	Charge			g/m	1,150	1,250	1,800	1,800	2,100	2,100	3,350	3,350
Operation Range	Additional Charge			g/m	20	20	20	20	40	40	40	
	Cooling			°CDB	-10 to 46	-10 to 46	-15 to 46	-15 to 46	-15 to 46	-15 to 46	-15 to 46	-15 to 46
Filter (to be ordered separately)	Heating			°CDB	-15 to 24	-15 to 24	-15 to 24	-15 to 24	-15 to 24	-15 to 24	-15 to 24	
	System List Price (Includes optional air filters)			£	1625	1690	1797	2357	2794	3393	3482	3647

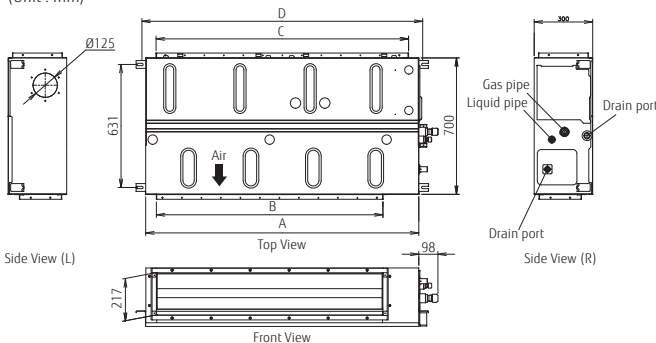
Optional parts

3-Wire Remote Controller:	UTYRVNYM	£104	Modbus Interface:	FJRCMBS1	£234
Simple Remote Controller:	UTYRSNYM	£83	KNX Interface:	FJRCKNX1i	£265
IR Receiver Kit:	UTYLBTYM	£266	WiFi Interface:	FJRCWIFI1	£234
External input & output PCB (with bracket):	UTYXCXSX + UTZGXNA	£85 + £28	Long Life Filter:	UTDLFNA (for ARYG36/45/54LHTBP)	£61
External Connect Kit:	UTYXWZXZG, UTYXWZXZ3	£8, £9		UTDLFNB (for ARYG18/24/30LHTBP)	£61
Remote Sensor Unit:	UTYXSZX	£56		UTDLFNC (for ARYG12/14LHTBP)	£61
Wireless LAN Interface:	UTYTFNXZ1	£143			

(Refer to page 156 for accessory combinations)

Dimensions

(Unit : mm)



Drain hose is standard accessory

	ARYG12/14LHTBP	ARYG18/24/30LHTBP	ARYG36/45/54LHTBP
A	700	1,000	1,400
B	462	762	1,162
C	650	895	1,295
D	740	1,040	1,440

PRODUCT LINEUP: SPLIT

Medium Static Pressure Duct

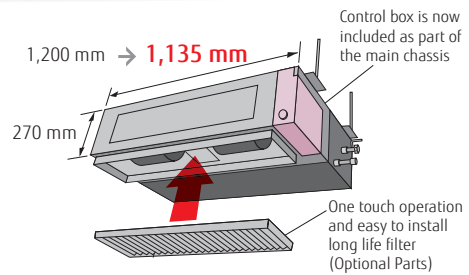
Standard

Single phase
(30/36/45) (24)



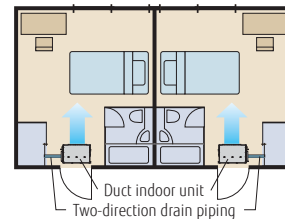
Slim & Compact design

In the case of bottom return air connection, not only does the indoor unit design allow for installation in a narrow ceiling space of up to 270 mm, Further space savings have been achieved by mounting the control box as part of the chassis.



Two-direction drain piping

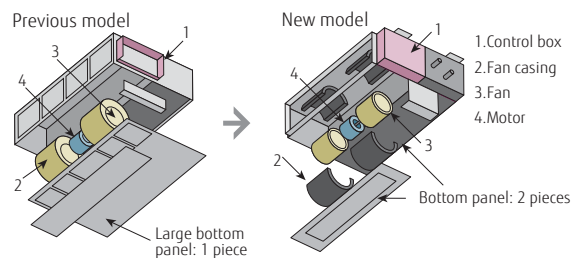
Improves installation possibilities.



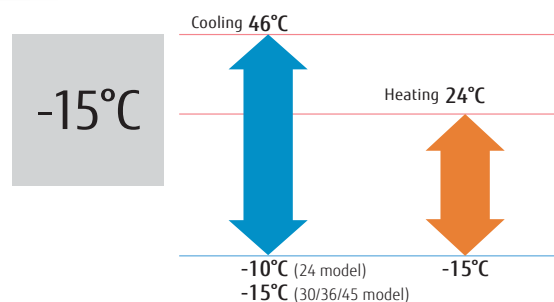
Easy maintenance

Maintenance improvement is achieved by making the bottom panel two pieces, front and rear. The internal fan casing is also manufactured in two pieces, namely upper and lower. The maintenance of the motor and fan can be easily carried out by removing the rear panel and the lower part of the casing while leaving the main chassis installed.

See below for the case of rear suction type



Low ambient operation



Model : ARYG24LMLA / ARYG30LMLE / ARYG36LMLE / ARYG45LMLA / ARYG36LMLA [3phase] / ARYG45LMLA [3phase]



Wired R.C.



For ARYG24LMLA



For ARYG30/36LMLE



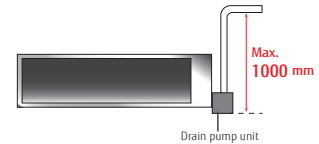
For ARYG36/45LMLA

Specifications

Model No.	Indoor unit		ARYG24LMLA	ARYG30LMLE	ARYG36LMLE	ARYG45LMLA	ARYG36LMLA	ARYG45LMLA
	Outdoor unit		AOYG24LBCB	AOYG30LETL	AOYG36LETL	AOYG45LETL	AOYG36LATT	AOYG45LATT
Power Source			Single-phase, ~230V, 50Hz				3-phase, ~400V, 50Hz	
Capacity	Cooling	kW	6.8 (0.9-8.0)	8.5 (2.8-10.0)	9.4 (2.8-11.2)	12.1 (4.0-13.3)	10.0 (4.7-11.4)	12.5 (5.0-14.0)
	Heating		8.0 (0.9-9.1)	10.0 (2.7-11.2)	11.2 (2.7-12.7)	13.3 (4.2-15.5)	11.2 (5.0-14.0)	14.0 (5.4-16.2)
UK Total / Sensible Cooling			5.98 / 4.52	8.41 / 6.66	9.03 / 6.72	11.31 / 8.53	9.07 / 6.39	11.38 / 7.69
Input Power	Cooling / Heating	kW	2.21 / 2.26	2.65 / 2.68	2.96 / 3.10	1.33 / 1.34	2.84 / 2.87	3.89 / 3.88
EER	Cooling	W/W	3.08	3.21	3.18	3.77	3.52	3.21
COP	Heating		3.54	3.73	3.61	3.68	3.90	3.61
Pdesign	Cooling / Heating(-10°C)	kW	6.8 / 6.0	8.5 / 8.0	9.4 / 8.7	12.1 / 9.2	10.0 / 10.0	12.5 / 10.1
SEER	Cooling	W/W	6.20	5.90	5.70	5.07 (LOT21)	5.80	5.06 (LOT21)
SCOP	Heating		4.00	3.90	3.80	3.50 (LOT21)	4.00	3.61 (LOT21)
Energy Efficiency Class	Cooling		A++	A+	A+	-	A+	-
	Heating		A+	A	A	-	A+	-
Annual Energy Consumption	Cooling	kWh/a	384	504	576	-	603	-
	Heating		2099	2868	3202	-	3497	-
Moisture Removal			2.5	2.5	3.0	4.0	3.0	4.5
Sound Pressure Level	Indoor (Cooling)	H/M/L/Q	31 / 29 / 27 / 25	39 / 35 / 30 / 26	39 / 35 / 30 / 26	42 / 38 / 32 / 28	38 / 36 / 31 / 26	42 / 38 / 32 / 28
	Indoor (Heating)	H/M/L/Q	31 / 29 / 27 / 25	42 / 35 / 30 / 26	42 / 35 / 30 / 26	42 / 38 / 32 / 28	40 / 36 / 31 / 26	42 / 38 / 32 / 28
Sound Power Level	Outdoor(Cooling/Heating)	High	52 / 53	53 / 55	54 / 55	55 / 55	51 / 53	54 / 54
	Indoor(Cooling/Heating)	High	60 / 62	65 / 69	65 / 70	-	65 / 67	-
Airflow Rate	Indoor / Outdoor	High	1100 / 2470	1900 / 3600	1900 / 3800	2100 / 6750	1800 / 6200	2100 / 6750
	Static pressure range (Standard)	Pa	30 to 150 (35)	30 to 150 (47)	30 to 150 (47)	0 to 150 (60)	30 to 150 (47)	30 to 150 (60)
Net Dimensions H x W x D	Indoor	mm	270×1135×700	270×1135×700	270×1135×700	270×1135×620	270×1135×700	270×1135×700
	Outdoor	mm	578×790×315	830×900×330	830×900×330	1290×900×330	1290×900×330	1290×900×330
Weight	Indoor	kg	38	40	40	40	40	40
	Outdoor	kg	44	61	61	86	104	104
Remote Controller Type (Supplied with unit)			Wired	Wired	Wired	Wired	Wired	Wired
Interconnecting Cable (Suggested cable size 1.5mm)			3 Core + Earth				3 Core + Earth	
Suggested MCB Size			15	20	25	25	10	10
Max. Operating Current	Cooling / Heating	Amp	12.0 / 13.5	17.0 / 17.0	18.5 / 20.0	21.0 / 21.0	8.5 / 8.5	9.5 / 9.5
Power Supply To			Outdoor				Outdoor	
Connection Pipe Diameter (Gas & Liquid)			5/8 & 1/4	5/8 & 3/8	5/8 & 3/8	5/8 & 3/8	5/8 & 3/8	5/8 & 3/8
Max Pipe Length (Factory Gas Charge Length)			30 (15)	50 (20)	50 (20)	50 (20)	75 (30)	75 (30)
Max Height Difference			20	30	30	15	30	30
Refrigerant	Type		R410A	R410A	R410A	R410A	R410A	R410A
	Charge	g	1,700	2,100	2,100	3,350	3,450	3,450
Operation Range	Additional Charge	g/m	20	40	40	40	50	50
	Cooling	°CDB	-10 to 46	-15 to 46	-15 to 46	-10 to 46	-15 to 46	-15 to 46
System List Price	Heating	°CDB	-15 to 24	-15 to 24	-15 to 24	-15 to 24	-15 to 24	-15 to 24
			£	1993	2467	2662	2999	2882

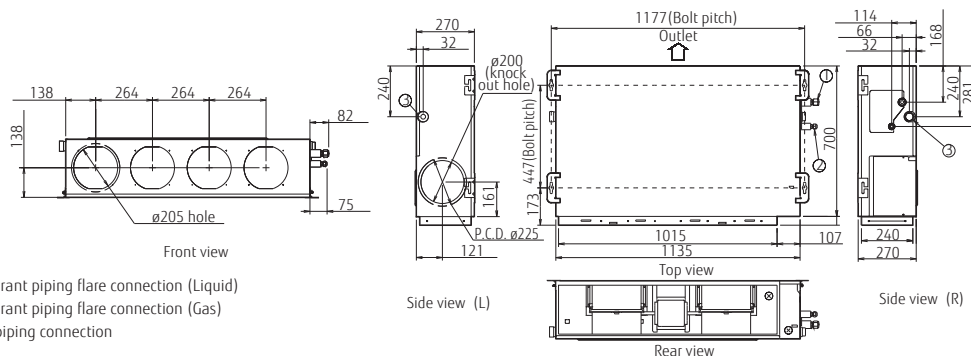
Optional parts

Wired Remote Controller:	UTYRVNYM	£104	Drain Pump Unit:	UTZPX1NBA	£62
Simple Remote Controller:	UTYRSNYM	£83	IR Receiver Kit:	UTYLRYHM	£262
Flange (Round):	UTDRF204	£31	External Connect Kit:	UTDECS5A	£14
Flange (Square):	UTDSF045T	£42	Modbus Interface:	FJRCMBS1	£234
Long Life Filter:	UTDLF25NA	£95	KNX Interface:	FJRCKNX1i	£265
Remote Sensor Unit:	UTYXSZX	£56	WiFi Interface:	FJRCWIF1	£234
(Refer to page 156 for accessory combinations)			Wireless LAN Interface:	UTYTFNXZ1	£143



Dimensions

(Unit : mm)



High Static Pressure Duct



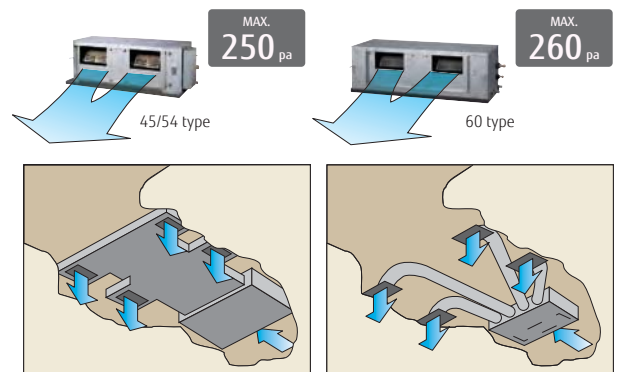
(60)
Single phase
ALL DC
i-PAM



High energy efficiency

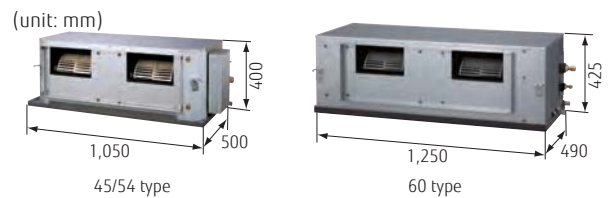
Significantly greater efficiency is realised by using all DC inverter technology. (60 type)

Design has improved high static pressure



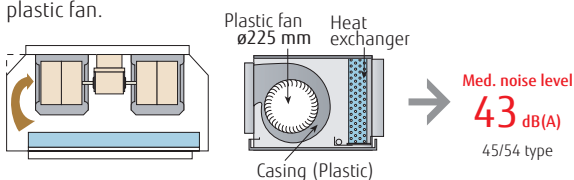
Easy installation (Compact size & Lightweight)

A compact size and lightweight indoor unit has been achieved by reducing the basic chassis and the overall material weight.

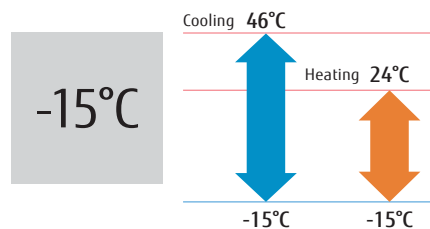


Low noise

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



Low ambient operation



Model : ARYG45LHTA / ARYG54LHTA / ARYG45LHTA [3phase] / ARYG54LHTA [3phase] / ARYG60LHTA [3phase]



ARYG45/54LHTA



ARYG60LHTA



Wired R.C.



Specifications

Model No.	Indoor unit		ARYG45LHTA	ARYG54LHTA	ARYG45LHTA	ARYG54LHTA	ARYG60LHTA
	Outdoor unit		AOYG45LETL	AOYG54LETL	AOYG45LATT	AOYG54LATT	AOYG60LATT
Power Source	Single-phase, ~230V, 50Hz				3-phase, ~400V, 50Hz		
Capacity	Cooling	kW	12.5 (4.5-14.0)	13.4 (5.0-14.5)	12.5 (5.0-14.0)	14.0 (5.4-16.0)	15.0 (6.2-17.5)
	Heating		14.0 (5.0-16.2)	16.0 (5.5-18.0)	14.0 (5.4-16.2)	16.0 (5.8-18.0)	18.0 (6.2-20.0)
UK Total / Sensible Cooling		kW	12.07 / 10.17	13.14 / 10.93	11.47 / 9.59	12.85 / 10.32	13.47 / 12.77
Input Power	Cooling/Heating	kW	4.30 / 3.80	4.77 / 4.69	4.06 / 3.67	4.65 / 4.37	4.70 / 5.15
EER	Cooling	W/W	2.91	2.81	3.08	3.01	3.19
COP	Heating		3.68	3.41	3.81	3.66	3.50
SEER (LOT21)	Cooling	W/W	4.60	4.60	4.60	4.60	4.86
SCOP (LOT21)	Heating		3.40	3.40	3.40	3.40	3.60
Moisture Removal		l/h	1.5	2.0	1.5	2.5	2.0
Sound Pressure	Indoor (Cooling)	H / M / L	47 / 43 / 40	47 / 43 / 40	47 / 43 / 40	47 / 43 / 40	45 / 40 / 36
	Indoor (Heating)	H / M / L	47 / 43 / 40	47 / 43 / 40	47 / 43 / 40	47 / 43 / 40	45 / 40 / 36
	Outdoor (Cooling/Heating)	High	55 / 55	55 / 57	54 / 54	55 / 56	56 / 58
Airflow Rate	Indoor / Outdoor	High	m ³ /h	3350 / 6750	3350 / 6750	3350 / 6750	3350 / 6900
Static pressure range (Standard)		Pa	100 to 250 (100)	100 to 250 (100)	100 to 250 (100)	100 to 250 (100)	60 to 260 (60)
Net Dimensions H x W x D Weight	Indoor	mm	400×1050×500	400×1050×500	400×1050×500	400×1050×500	425×1250×490
		kg	46	46	46	46	54
		mm	1290×900×330	1290×900×330	1290×900×330	1290×900×330	1290×900×330
Outdoor	mm	1290×900×330	1290×900×330	1290×900×330	1290×900×330	1290×900×330	
	kg	86	86	104	104	104	
	kg	86	86	104	104	104	
Remote Controller Type (Supplied with unit)			Wired	Wired	Wired	Wired	Wired
Interconnecting Cable (Suggested cable size 2.5mm)			3 Core + Earth		3 Core + Earth		
Suggested MCB Size		Amp	25	25	15	15	15
Max. Operating Current	Cooling / Heating	Amp	22.5 / 22.5	23.5 / 23.5	11.0 / 11.0	12.0 / 12.0	12.5 / 12.5
Power Supply To			Outdoor		Outdoor		
Connection Pipe Diameter (Gas & Liquid)		Inch	5/8 & 3/8	5/8 & 3/8	5/8 & 3/8	5/8 & 3/8	5/8 & 3/8
Max Pipe Length (Factory Gas Charge Length)		m	50 (20)	50 (20)	75 (30)	75 (30)	75 (30)
Max Height Difference			30	30	30	30	30
Refrigerant	Type		R410A	R410A	R410A	R410A	R410A
	Charge	g	3,350	3,350	3,450	3,450	3,450
	Additional Charge	g/m	40	40	50	50	50
Operation Range	Cooling	°CDB	-15 to 46	-15 to 46	-15 to 46	-15 to 46	-15 to 46
	Heating	°CDB	-15 to 24	-15 to 24	-15 to 24	-15 to 24	-15 to 24
System List Price		£	3059	3293	3205	3471	3726

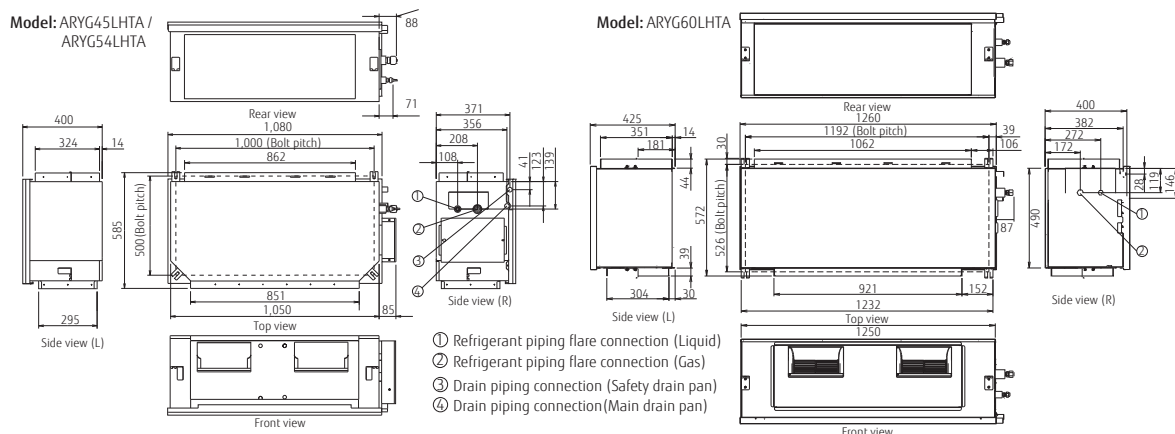
Optional parts

Wired Remote Controller:	UTYRVNYM	£104	External Connect Kit: - Indoor	UTDECS5A	£14
Simple Remote Controller:	UTYRSNYM	£83	External Connect Kit: - Outdoor	UTYXWZXZ3	£19
Long Life Filter:	UTDLF60KA (for ARYG45/54LHTA only)	£95	Modbus Interface:	FJRCMBS1	£234
Remote Sensor Unit:	UTYXSZX	£56	KNX Interface:	FJRCKNX1i	£265
IR Receiver Kit:	UTYLRHYM (for ARYG60LHTA only)	£262	WiFi Interface:	FJRCWIF1	£234
Wireless LAN Interface:	UTYTFNXZ1	£143			

(Refer to page 156 for accessory combinations)

Dimensions

(Unit : mm)

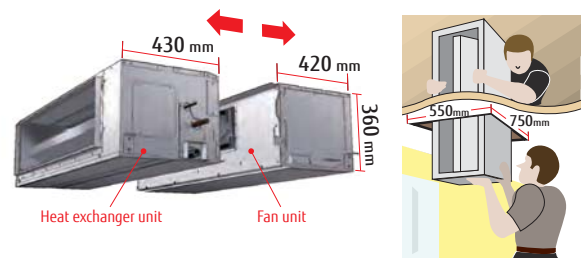


Big Duct



Separation is possible by lightweight compact design

The indoor unit can be separated into fan unit and heat-exchanger unit to assist the installation works.



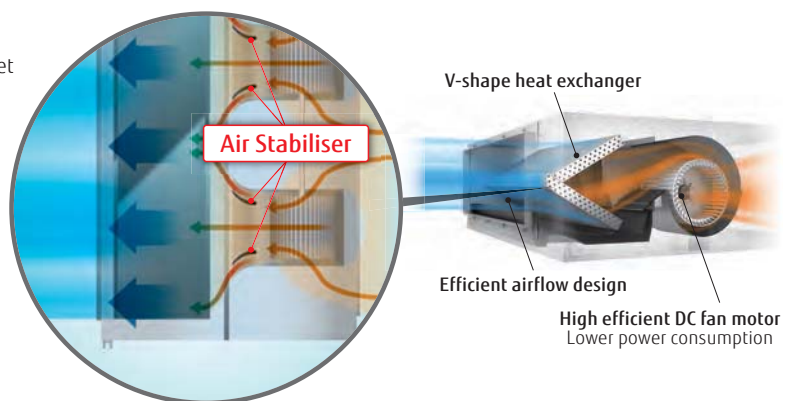
Automatic Airflow adjustment function

This function can set the optimum airflow automatically, so that time spent balancing the airflow is considerably reduced.



Quiet operation

The combination of the V-shaped heat exchanger, air stabiliser, and the high efficient DC fan motor allows quiet operation despite it's small structural design.



Model : ARYG72LHTA / ARYG90LHTA



Wired R.C.



Specifications

Model No.	Indoor unit		ARYG72LHTA	ARYG90LHTA	
	Outdoor unit		AOYG72LRLA	AOYG90LRLA	
Power Source	Indoor		Single-phase, ~230V, 50Hz		
	Outdoor		3-phase, ~400V, 50Hz		
Capacity	Cooling	kW	19.0 (8.4-20.9)	22.0 (10.3-24.2)	
	Heating		22.4 (7.2-24.6)	27.0 (8.5-29.7)	
UK Total / Sensible Cooling			18.96/14.65	21.95/16.62	
Input Power	Cooling/Heating	kW	6.46 / 6.59	7.77 / 8.18	
EER	Cooling	W/W	2.94	2.83	
COP	Heating	W/W	3.4	3.3	
SEER (LOT21)	Cooling	W/W	5.22	5.14	
SCOP (LOT21)	Heating	W/W	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	High	m ³ /h	4300/8400	4300/9000
Static pressure range (Standard)		Pa	50 to 150 (72)	50 to 200 (72)	
Net Dimensions H x W x D	Indoor	mm	360×1400×850	360×1400×850	
		kg(lbs)	69 (152)	80 (176)	
		mm	1428×1080×480	1428×1080×480	
Weight	Outdoor	kg(lbs)	165 (363)	174 (383)	
Remote Controller Type (Supplied with unit)			Wired	Wired	
Interconnecting Cable (Suggested cable size 2.5mm)			3 Core +Earth		
Suggested MCB Size	Amp		Outdoor 16 Amp 3ph / Indoor 6 Amp 240 1ph	Outdoor 20 Amp 3ph / Indoor 10 Amp 240 1ph	
Max. Operating Current	Indoor (Cooling/Heating)	Amp	4.6/4.6	6.0/6.0	
	Outdoor (Cooling/Heating)	Amp	13.3/13.3	14.6/14.6	
Power Supply To			Outdoor + Indoor		
Connection Pipe Diameter (Gas / Liquid)	Inch		7/8 / 1/2	7/8 / 1/2	
Max Pipe Length (Pre-Charge)	m		100 (30)	100 (30)	
Height Difference			30	30	
Operation Range	Cooling	°CDB	-15 to 46	-15 to 46	
	Heating	°CDB	-20 to 24	-20 to 24	
Refrigerant	Type		R410A	R410A	
	Charge	g	5,600	7,160	
	Additional Charge	g/m	110	110	
System List Price	£		4602	5145	

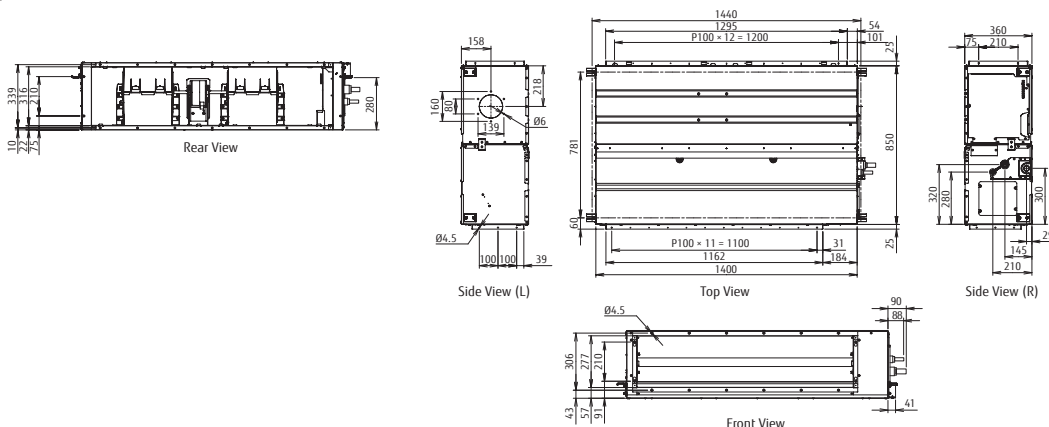
Optional parts

Wired Remote Controller:	UTYRNYZ2	£161	External input & output PCB (with bracket):	UTYXCSX + UTZGXNA	£85 + £28
Wired Remote Controller:	UTYRVNYM	£104	Drain Pump Unit:	UTZPX1NAB	£98
Simple Remote Controller:	UTYRSNYM	£83	Long Life Filter:	UTDLFKA	£61
Simple Remote Controller:	UTYRSRY	£120	Wireless LAN Interface:	UTYTFXSZ1	£143
IR Receiver Unit:	UTYLBTYM	£266			
Remote Sensor Unit:	UTYXSZX	£56			
External Connect Kit:	UTYXWZXZG	£8			

(Refer to page 156 for accessory combinations)

Dimensions

(Unit : mm)



PRODUCT LINEUP: SPLIT

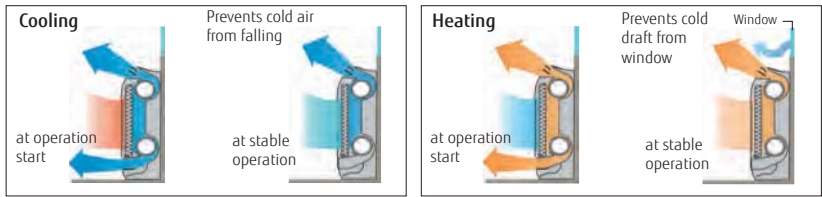
Floor

Compact & Comfort



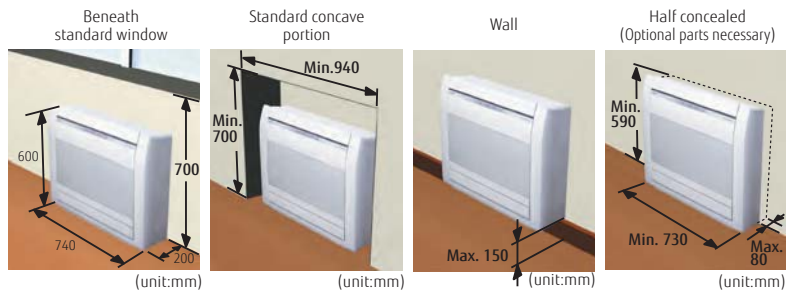
2-Fan & Wide airflow

Individual vertical airflow by 2-fan can control the whole room comfortably.



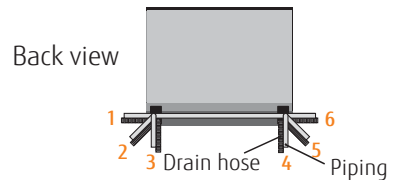
Flexible & easy installation

Due to compact and whole surface suction method model, floor, concealed, half concealed, or wall mounted installation can be available to match the room layout.



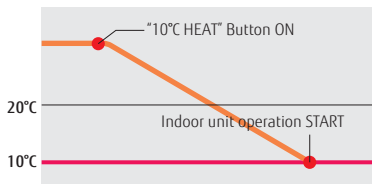
Flexible piping connection 6 possible ways of drain & piping

Drain hose and piping can be installed flexibly in the right, left, side, and down directions

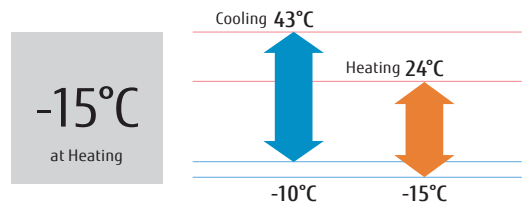


10°C HEAT Operation

The room temperature can be set to go no lower than 10°C, thus ensuring that the room does not get too cold when not occupied



Low ambient operation



Model: AGYG09LVCA / AGYG12LVCA / AGYG14LVCA


Wireless R.C.



For AGYG09/12LVCA



For AGYG14LVCA

Specifications

Model No.	Indoor unit		AGYG09LVCA	AGYG12LVCA	AGYG14LVCA	
	Outdoor unit		AOYG09LVCA	AOYG12LVCA	AOYG14LVCA	
Power Source	Single-phase, ~230V, 50Hz					
Nominal Capacity	Cooling	kW	2.60 (0.90-3.50)	3.50 (0.90-4.00)	4.20 (0.90-5.00)	
	Heating		3.50 (0.90-5.50)	4.50 (0.90-6.60)	5.20 (0.90-8.00)	
UK Total/Sensible Cooling			2.49/2.24	3.36/2.59	4.03/2.92	
Power Consumption	Cooling/Heating	kW	0.53/0.79	0.94/1.19	1.14/1.44	
EER	Cooling	W/W	4.91	3.72	3.68	
COP	Heating		4.43	3.78	3.61	
Pdesign	Cooling/Heating(-10°C)	kW	2.60/2.90	3.50/3.80	4.20/4.70	
SEER	Cooling	W/W	7.00	6.50	6.40	
SCOP	Heating (Average)		4.20	4.00	4.00	
Energy Efficiency Class	Cooling	A++				
	Heating (Average)	A+				
Annual Energy Consumption	Cooling	kWh/a	130	188	230	
	Heating		967	1330	1645	
Moisture Removal			l/h	1.30	1.80	2.10
Sound Pressure Level	Indoor (Cooling)	H/M/L/Q	40/35/29/22		44/38/31/22	
	Indoor (Heating)	H/M/L/Q	40/35/29/22		43/37/29/22	
Sound Power Level	Outdoor(Cooling/Heating)	High	47/48		50/50	
	Indoor(Cooling/Heating)	High	55/56		58/58	
Airflow Rate	Indoor / Outdoor	High	570/1680		650/1910	
	Net Dimensions H x W x D	Indoor	mm	600×740×200		
Weight		kg	14			
		Outdoor	mm	540×790×290		
		kg	36			
Remote Controller Type			Wireless	Wireless	Wireless	
Suggested MCB Size			Amp	10	16	
Max. Operating Current	Cooling/Heating	Amp	7.00/10.00	7.00/10.00	9.00/13.50	
Starting Current			Amp	3.80	5.50	6.40
Power Supply To			Outdoor			
Connection Pipe Diameter (Gas / Liquid)			Inch	3/8 & 1/4	3/8 & 1/4	1/2 & 1/4
Max Pipe Length (Factory Gas Charge Pipe Length)			m	20 (15)	20 (15)	20 (15)
Max Height Difference			m	15	15	15
Refrigerant	Type	R410A				
	Charge	g	1,050	1,050	1,150	
	Additional Charge	g/m	20	20	20	
Operation Range	Cooling	°CDB	-10 to 43	-10 to 43	-10 to 43	
	Heating	°CDB	-15 to 24	-15 to 24	-15 to 24	
System List Price			£	1148	1287	1480

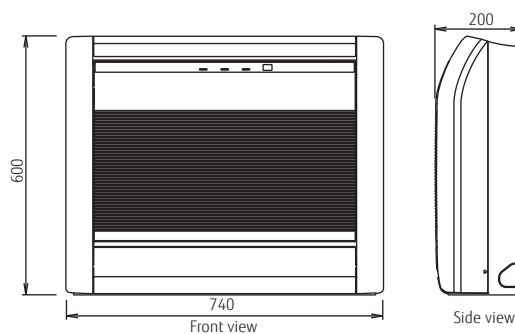
Optional parts

Wired Remote Controller:	UTYRVNYM	£104
Simple Remote Controller:	UTYRSNYM	£83
External Connect Kit:	UTYXWZX	£9
Modbus Interface:	FJRCMBS1	£234
KNX Interface:	FJRCKNX1i	£265
WiFi Interface:	FJRCWIF1i	£234
Wireless LAN Interface:	UTYTFNXZ1	£143

(Refer to page 156 for accessory combinations)

Dimensions

(Unit : mm)



PRODUCT LINEUP: SPLIT

Floor/Ceiling

Comfort & Dual Design



Flexible installation

Example for floor installation

Floor console



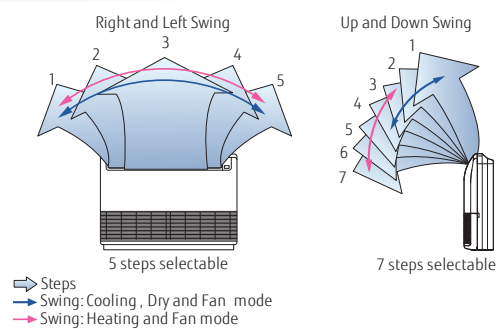
Example for ceiling installation

Under ceiling



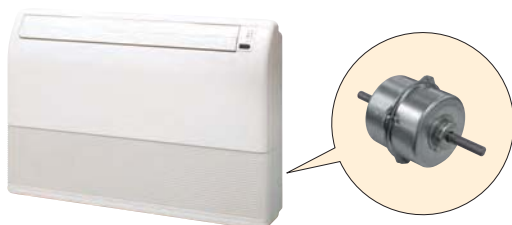
Double auto swing

A combination of right/left and up/down directional swing allows 3-dimensional air direction control

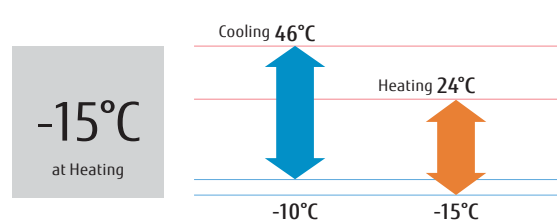


High power DC fan motor

- High power
- Wide rotation range
- High efficiency



Low ambient operation



Model : ABYG18LVTB / ABYG24LVTA



Wireless R.C.



For ABYG18LVTB



For ABYG24LVTA

Specifications

Model No.	Indoor unit		ABYG18LVTB		ABYG24LVTA	
	Outdoor unit		AOYG18LALL		AOYG24LALA	
Power Source	Single-phase, ~230V, 50Hz					
Capacity	Cooling	kW	5.2 (0.9-5.9)		6.8 (0.9-8.0)	
	Heating		6.0 (0.9-7.5)		8.0 (0.9-9.1)	
UK Total / Sesible Cooling		kW	4.79 / 3.33		6.05 / 4.51	
Input Power	Cooling/Heating	kW	1.62/1.66		2.21/2.26	
EER	Cooling	W/W	3.21		3.08	
COP	Heating		3.61		3.54	
Pdesign	Cooling/Heating(-10°C)	kW	5.2/5.2		6.8/6.0	
SEER	Cooling	W/W	6.10		5.60	
SCOP	Heating (Average)		4.00		3.90	
Energy Efficiency Class	Cooling	A++		A+		
	Heating (Average)	A+		A		
Annual Energy Consumption	Cooling	kWh/a	298		425	
	Heating		1818		2153	
Moisture Removal		l/h	2.0		2.7	
Sound Pressure Level	Indoor (Cooling)	H/M/L/Q	43/40/34/31		48/44/40/35	
	Indoor (Heating)	H/M/L/Q	43/40/34/31		48/44/40/35	
Sound Power Level	Outdoor(Cooling/Heating)	High	50/50		52/53	
	Indoor(Cooling/Heating)	High	57/57		61/61	
Airflow Rate	Indoor / Outdoor	High	m ³ /h		980/2470	
			780/2000		199×990×655	
Net Dimensions H x W x D	Indoor	mm	199×990×655		199×990×655	
		kg(lbs)	27 (59)		27 (59)	
Weight	Outdoor	mm	578×790×300		578×790×315	
		kg(lbs)	40 (88)		44 (97)	
Remote Controller Type (Supplied with unit)			Wireless		Wireless	
Interconnecting Cable (Suggested cable size 1.5mm)			3 Core + Earth		3 Core + Earth	
Suggested MCB Size		Amp	16		16	
Max. Operating Current	Cooling/Heating	A	9.0/12.5		12.0/13.5	
Power Supply To			Outdoor		Outdoor	
Connection Pipe Diameter (Gas & Liquid)		Inch	1/2 & 1/4		5/8 & 1/4	
Max Pipe Length (Factory Gas Charge)		m	25 (15)		30 (15)	
Max Height Difference			15		20	
Refrigerant	Type		R410A		R410A	
	Charge	g	1,250		1,700	
	Additional Charge	g/m	20		20	
Operation Range	Cooling	°CDB	-10 to 46		-10 to 46	
	Heating		-15 to 24		-15 to 24	
System List Price		£	1471		1827	

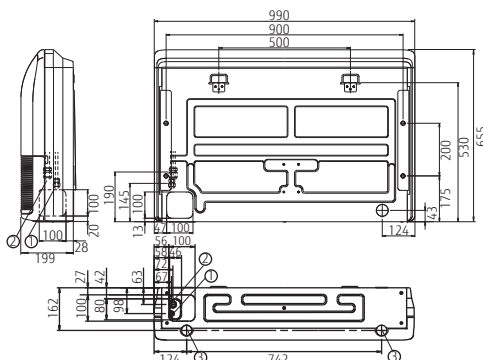
Optional parts

Wired Remote Controller:	UTYRVNYM	£104
Simple Remote Controller:	UTYRSNYM	£83
External Connect Kit:	UTYXWZX	£9
Modbus Interface:	FJRCMBS1	£234
KNX Interface:	FJRCKNX1i	£265
WiFi Interface:	FJRCWIF1	£234
Wireless LAN Interface:	UTYTFNXZ1	£143

(Refer to page 156 for accessory combinations)

Dimensions

(Unit : mm)



- ① Refrigerant piping flare connection (Liquid)
- ② Refrigerant piping flare connection (Gas)
- ③ Drain piping connection

Ceiling

Comfort for Large Room

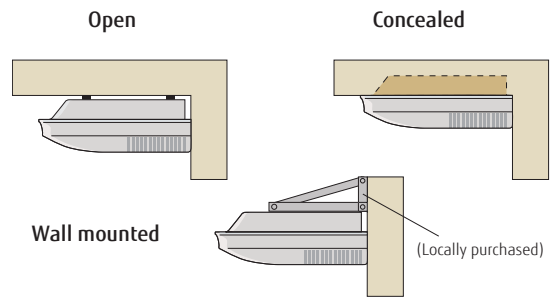


Single phase



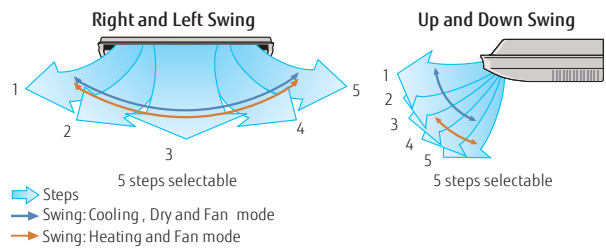
Flexible installation

Various installations are possible to match the room layout.

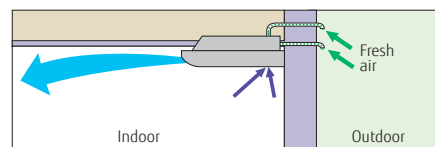


Multi auto swing

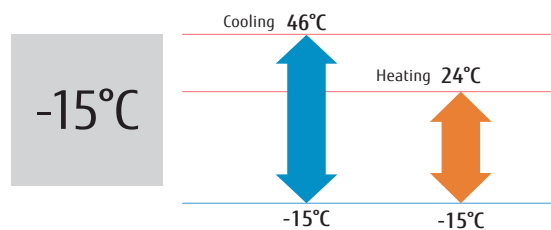
A combination of right/left and up/down directional swing allows 3-dimensional air direction control.



Fresh air intake



Low ambient operation



Model : ABYG30LRTE / ABYG36LRTE / ABYG45LRTA / ABYG36LRTA [3phase] / ABYG45LRTA [3phase] / ABYG54LRTA [3phase]



Wireless R.C.



For ABYG30/36LRTE



For ABYG36/45/54LRTA

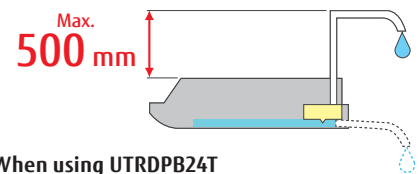
Specifications

Model No.	Indoor unit		ABYG30LRTE	ABYG36LRTE	ABYG45LRTA	ABYG36LRTA	ABYG45LRTA	ABYG54LRTA
	Outdoor unit		AOYG30LETL	AOYG36LETL	AOYG45LETL	AOYG36LATT	AOYG45LATT	AOYG54LATT
Power Source	Single-phase, ~230V, 50Hz					3-phase, ~400V, 50Hz		
Capacity	Cooling	kW	8.5 (2.8-10.0)	9.4 (2.8-11.2)	12.1 (4.0-13.3)	10.0 (4.7-11.4)	12.5 (5.0-14.0)	14.0 (5.4-16.0)
	Heating	kW	10.0 (2.7-11.2)	11.2 (2.7-12.7)	13.3 (4.2-15.5)	11.2 (5.0-14.0)	14.0 (5.4-16.2)	16.0 (5.8-18.0)
Input Power	Cooling/Heating	kW	2.65 / 2.77	2.93 / 3.02	3.77 / 3.68	2.84 / 2.87	3.89 / 3.88	4.65 / 4.67
EER	Cooling	W/W	3.21	3.21	3.21	3.52	3.21	3.01
COP	Heating	W/W	3.61	3.71	3.61	3.90	3.61	3.43
Pdesign	Cooling / Heating(-10°C)	kW	8.5 / 8.0	9.4 / 8.7	12.1 / 9.2	10.0 / 10.0	12.5 / 10.1	14.0 / 10.4
SEER	Cooling	W/W	6.10	6.00	6.63 (LOT21)	6.10	6.03 (LOT21)	5.72 (LOT21)
SCOP	Heating	W/W	4.20	4.10	3.91 (LOT21)	4.10	3.98 (LOT21)	3.93 (LOT21)
Energy Efficiency Class	Cooling		A++	A+	-	A++	-	-
	Heating		A+	A+	-	A+	-	-
Annual Energy Consumption	Cooling	kWh/a	487	548	-	573	-	-
	Heating	kWh/a	2662	2965	-	3414	-	-
Moisture Removal		l/h	2.5	3.0	4.0	3.0	4.5	5.0
Sound Pressure Level	Indoor (Cooling)	H/M/L/Q	45 / 43 / 37 / 32	47 / 43 / 37 / 32	49 / 45 / 39 / 34	47 / 43 / 37 / 32	49 / 45 / 39 / 34	51 / 48 / 42 / 38
	Indoor (Heating)	H/M/L/Q	45 / 43 / 37 / 32	47 / 43 / 37 / 32	49 / 45 / 39 / 34	47 / 43 / 37 / 32	49 / 45 / 39 / 34	51 / 48 / 42 / 38
	Outdoor (Cooling/Heating)	High	53 / 55	54 / 55	55 / 55	51 / 53	54 / 54	55 / 56
Sound Power Level	Indoor (Cooling/Heating)	High	57 / 60	60 / 61	-	61 / 61	-	-
	Outdoor (Cooling/Heating)	High	68 / 69	69 / 70	-	67 / 69	-	-
Airflow Rate	Indoor / Outdoor	High	m³/h	1660 / 3600	1900 / 3800	2100 / 6200	1900 / 6200	2100 / 6900
Net Dimensions H x W x D	Indoor	mm	240×1660×700	240×1660×700	240×1660×700	240×1660×700	240×1660×700	240×1660×700
	Outdoor	mm	830×900×330	830×900×330	1290×900×330	1290×900×330	1290×900×330	1290×900×330
Weight		kg(lbs)	46 (101)	46 (101)	46 (101)	46 (101)	46 (101)	48 (106)
Remote Controller Type (Supplied with unit)			Wireless	Wireless	Wireless	Wireless	Wireless	Wireless
Interconnecting Cable (Suggested cable size 1.5mm)			3 Core + Earth			3 Core + Earth		
Suggested MCB Size		Amp	20	25	25	16	16	16
Max. Operating Current	Cooling / Heating	Amp	17.0 / 17.0	18.5 / 20.0	20.5 / 20.5	7.9 / 7.9	8.9 / 8.9	9.9 / 9.9
Power Supply To			Outdoor			Outdoor		
Connection Pipe Diameter (Gas & Liquid)		Inch	5/8 & 3/8	5/8 & 3/8	5/8 & 3/8	5/8 & 3/8	5/8 & 3/8	5/8 & 3/8
Max Pipe Length (Factory Gas Charge Length)		m	50 (20)	50 (20)	50 (20)	75 (30)	75 (30)	75 (30)
Max Height Difference			30	30	30	30	30	30
Refrigerant	Type		R410A	R410A	R410A	R410A	R410A	R410A
	Charge	g	2,100	2,100	3,350	3,450	3,450	3,450
	Additional Charge	g/m	40	40	40	50	50	50
Operation Range	Cooling	°CDB	-15 to 46	-15 to 46	-15 to 46	-15 to 46	-15 to 46	-15 to 46
	Heating	°CDB	-15 to 24	-15 to 24	-15 to 24	-15 to 24	-15 to 24	-15 to 24
System List Price		£	2363	2872	3192	2859	3338	3507

Optional parts

Wired Remote Controller:	UTYRVNYM	£104
Simple Remote Controller:	UTYRSNYM	£83
Drain Pump Unit:	UTRDPB24T	£47
Flange	UTDRF204	£31

External Connect Kit:	UTYXWZX	£9
Modbus Interface:	FJRCMBS1	£234
KNX Interface:	FJRCNX1i	£265
WiFi Interface:	FJRCWIFI1	£234

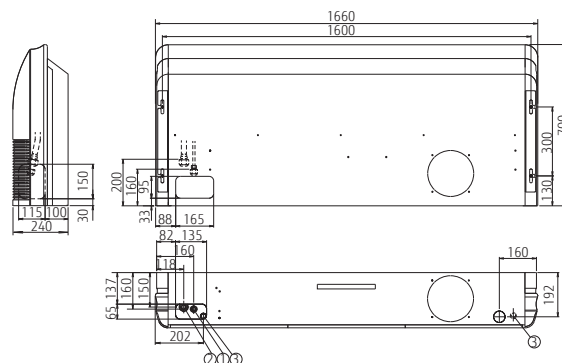


When using UTRDPB24T

(Refer to page 156 for accessory combinations)

Dimensions

(Unit : mm)



- ① Refrigerant piping flare connection (Liquid)
- ② Refrigerant piping flare connection (Gas)
- ③ Drain piping connection