

SPLIT

For Residential



SPLIT	
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164	Wall Mounted Flagship Range Series
	nocria™ X
166	Wall Mounted Designer Range Series
	• High Spec & Design
	• High COP
172	Wall Mounted Standard Range Series
	• High Efficiency & Comfort
	• Comfort for Large Room
176	Wall Mounted ECO Range Series
178	Floor
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SPLIT Indoor Units



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

Type	Series	BTU						
		7	9	12	14	18	24	30
NEW Flagship Range Series nocria X Page 164			 ASYG09KXCA	 ASYG12KXCA				
NEW Designer Range Series High Spec & Design Page 166		 ASYG07KGTA*	 ASYG09KGTA*	 ASYG12KGTA*	 ASYG14KGTA*			
Designer Range Series High Spec & Design Page 168			 ASYG09LTCA	 ASYG12LTCA				
Designer Range Series High COP Page 170		 ASYG07LUCA	 ASYG09LUCA	 ASYG12LUCA	 ASYG14LUCA			
NEW Standard Range Series High Efficiency & Comfort Page 172		 ASYG07LMCE	 ASYG09LMCE	 ASYG12LMCE	 ASYG14LMCE			
Standard Range Series Comfort for Large Room Page 174						 ASYG18LFCA	 ASYG24LFCC	 ASYG30LFCA
NEW ECO Range Series Compact & Comfort Page 176		 ASYG07LLCE	 ASYG09LLCE	 ASYG12LLCE				
Floor Compact & Comfort Page 178			 AGYG09LVCA	 AGYG12LVCA	 AGYG14LVCA			
NEW Mini Duct Page 180				 ARYG12LSLAP*	 ARYG14LSLAP*	 ARYG18LSLAP*		
Slim Duct Page 182				 ARYG12LLTB	 ARYG14LLTB	 ARYG18LLTB		

SPLIT and MULTI SPLIT 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.
- 

Save human sensor
Human sensor detects the movement of people in the room and judges whether the energy saving operation.
- 

Economy mode
Thermostat setting automatically changes according to the temperature to avoid unnecessary cooling and heating.
- 

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.
- 

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.
- 

Power diffuser
An additional lower that opens based on monitoring sensors to quickly enhance immediate comfort needs.
- 

Powerful mode
Operation at maximum air flow and compressor speed, and quickly makes the room comfortable.
- 

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 noise mode
Sound noise level of outdoor unit can be selected.
- 

Auto-changeover
The unit automatically switches between heating and cooling modes based on your temperature setting and the room temperature.
- 

Up/down swing flaps
The up/down flaps automatically swing up and down.
- 

Double swing automatic
Complex swing action of flaps enables automatically to swing both horizontal and vertical directions.
- 

Automatic fan speed
The micro-computer automatically adjusts the airflow effectively to follow the changes of room temperature.
- 

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.
- 

Fresh air intake
Fresh air can be taken in by a fan which can be connected using external control unit.

Convenient Function

- 

Auto off timer
Automatically stops operation when a fixed time has elapsed from the start of operation.
- 

Sleep timer
The micro-computer gradually changes the room temperature automatically to afford a comfortable night's sleep.
- 

Program timer
This digital timer allows selection of one of four options: ON, OFF, ON + OFF or OFF + ON.
- 

Weekly timer
Different ON-OFF times can be set for each day.
- 

Weekly + setback timer
Weekly + Setback timer can set temperature for two times spans and for each day of the week.
- 

Filter sign
Indicates the filter cleaning period by lamp.
- 

External error output
- 

External ON/OFF input
- 

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 and can be always maintained clean.
- 

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.
- 

Ion deodorization filter
The filter deodorizes by powerfully decomposing absorbed odors using the oxidizing 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.
- 

Washable panel
Since the front panel is easy to remove, maintenance is also easy.

Installation

- 

Drain pump as standard
- 

Blue fin

- 

ALL DC models
- 

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

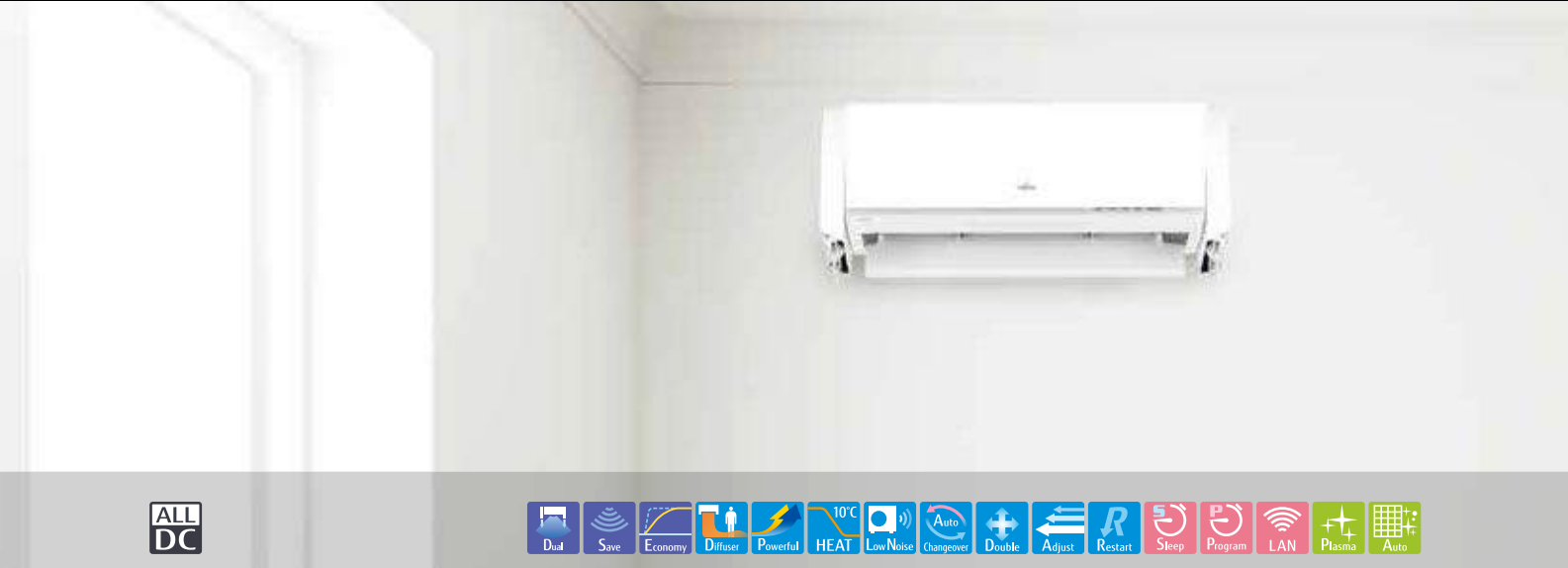
V-PAM control models
V-PAM inverter control reduces the effects of magnetic flux and increases the maximum speed and efficiency of the compressor by vector control technology.

SPLIT and MULTI SPLIT Feature Summary



Type	Wall Mounted							Floor	Duct	
	Flagship Range	Designer Range			Standard Range		ECO Range		Mini (With drain pump)	Slim (With drain pump)
Model No.	ASYG09/12 KXCA	ASYG07/09/12/14KGTA	ASYG09/12 LTCA	ASYG07/09/12/14LUCA	ASYG07/09/12/14LMCE	ASYG18/30 LFCA, ASYG24LFCC	ASYG07/09/12LLCE	AGYG09/12/14LVCA	ARYG12/14/18LSLAP	ARYG12/14/18LLTB
Energy Saving Function	Dual side fans	●								
	Save human sensor	●	●	●						
	Economy mode	●	●	●	●	●	●	●	●	●
	Room temperature set point limitation		○	○	○	○		○	●	○
	Set temperature auto return		○	○	○	○		○	●	○
Comfortable Function	Powerful heating			●						
	Power diffuser	●				●	●			
	Powerful mode	●	●	●	●		●			
	10°C HEAT operation	●	●	●	●	●		●	○	○
	Low noise mode	●	●	●	●					
	Auto-changeover	●	●	●	●	●	●	●	●	●
	Up/down swing flaps		●	●	●		●	●	○	○
	Double swing automatic	●				●				
	Automatic fan speed	●	●	●	●	●	●	●	●	●
	Auto restart	●	●	●	●	●	●	●	●	●
	Fresh air intake									○
	Auto off timer		○	○	○	○		○	●	○
	Sleep timer	●	●	●	●	●	●	●	○	○
Convenient Function	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 deodorization filter		○	●	●	●		●		
	Apple-catechin filter		○	●	●	●		●		
	Washable panel					●	●	●		
Installation	Drain pump as standard								●	●
	Blue fin					● (30)				

○: Optional function



Features

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.



Model: ASYG09KXCA / ASYG12KXCA

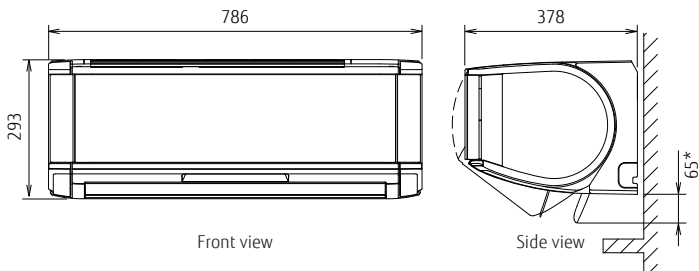


Specifications

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)		
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		1.2		
Sound Pressure Level	Indoor (Cooling)	H/M/L/Q	dB(A)	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	
	Outdoor(Cooling/Heating)	High		53/57		57/57	
	Indoor / Outdoor (Cooling)	High		670/1,975		670/2,230	
Airflow Rate	Indoor / Outdoor (Heating)	m³/h	810/1,820		810/1,975		
Net Dimensions H x W x D	Indoor	mm	293×786×378				
		kg(lbs)	20 (44)				
Weight	Outdoor	mm	704×820×315				
		kg(lbs)	41 (90)				
Connection Pipe Diameter (Liquid / Gas)			6.35/9.52				
Drain hose Diameter (I.D./O.D.)		mm	13.8 / 15.8 to 16.7				
Max Pipe Length (Pre-Charge)			15 (15)				
Max Height Difference		m	10				
Operation Range	Cooling	°CDB	-10 to 43				
	Heating		-15 to 24				
Refrigerant	Type (Global Warming Potential)		R32 (675)				
	Charge	kg(CO2eq-T)	1.30 (0.9)				

Dimensions

(Unit : mm)



*Dimensions in case of air flowing downward

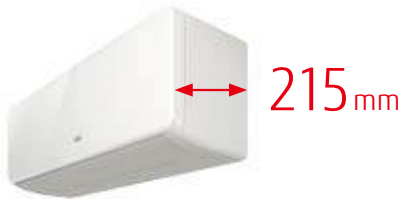
Wall Mounted Designer Range High Spec & Design



Features

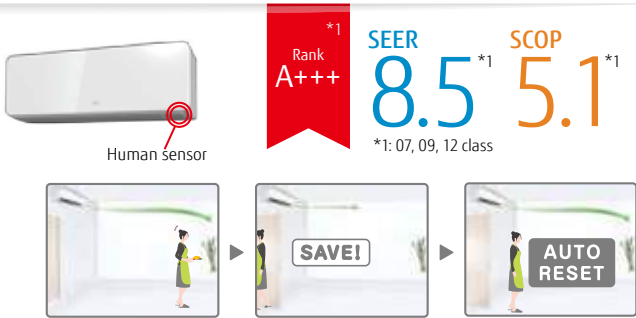
Slim & stylish square design

Slim and stylish square design is realized by high density multi-path heat exchanger and high efficiency wind blower.



High seasonal efficiency

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.



Silent model

19dB(A)

Smartphone Control (Option)

Easy air conditioner control from inside or outside the house and office using the Smartphones, Tablets, and PC. (Supplied loose as standard for site installation).



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



Specifications

Model No.	Indoor unit		ASYG07KGTA	ASYG09KGTA	ASYG12KGTA	ASYG14KGTA
	Outdoor unit		AOYG07KGCA	AOYG09KGCA	AOYG12KGCA	AOYG14KGCA
Power Source			Single-phase, ~230V, 50Hz			
Capacity	Cooling	kW	2.0	2.5	3.4	4.2
	Heating	kW	2.5	2.8	4.0	5.4
Input Power	Cooling/Heating	kW	0.440/0.500	0.555/0.560	0.805/0.990	1.175/1.350
EER	Cooling	W/W	4.55	4.50	4.22	3.57
COP	Heating	W/W	5.00	5.00	4.04	4.00
Pdesign	Cooling/Heating(-10°C)	kW	2.00/2.30	2.50/2.40	3.40/2.50	4.20/4.00
SEER	Cooling	W/W	8.50	8.50	8.50	7.10
SCOP	Heating (Average)	W/W	5.10	5.10	5.10	4.30
Energy Efficiency Class	Cooling		A+++	A+++	A+++	A++
	Heating (Average)		A+++	A+++	A+++	A+
Max. Operating Current	Cooling/Heating	A				
Annual Energy Consumption	Cooling	kWh/a				
	Heating	kWh/a				
Moisture Removal		l/h				
Sound Pressure Level	Indoor (Cooling)	H/M/L/Q	43/ / /	43/ / /	43/ / /	
	Indoor (Heating)	H/M/L/Q	43/ / /	43/ / /	43/ / /	
	Outdoor(Cooling/Heating)	High				
Sound Power Level	Indoor(Cooling/Heating)	High				
	Outdoor(Cooling/Heating)	High				
Airflow Rate	Indoor / Outdoor	High	m³/h			
Net Dimensions	Indoor	mm		270×834×215		
	H x W x D	kg(lbs)				
Weight	Outdoor	mm		540×799×290		
		kg(lbs)				
Connection Pipe Diameter (Liquid / Gas)		mm		6.35/9.52		
Drain hose Diameter (I.D./O.D.)		m		20 (15)		
Max Pipe Length (Pre-Charge)		m		15		
Max Height Difference		°CDB		-10 to 46		
Operation Range	Cooling			-15 to 24		
	Heating					
Refrigerant	Type (Global Warming Potential)		R32 ()	R32 ()	R32 ()	R32 ()
	Charge	kg(CO2eq-T)	0.77 (0.5)	0.77 (0.5)	0.89 (0.6)	0.94 (0.6)

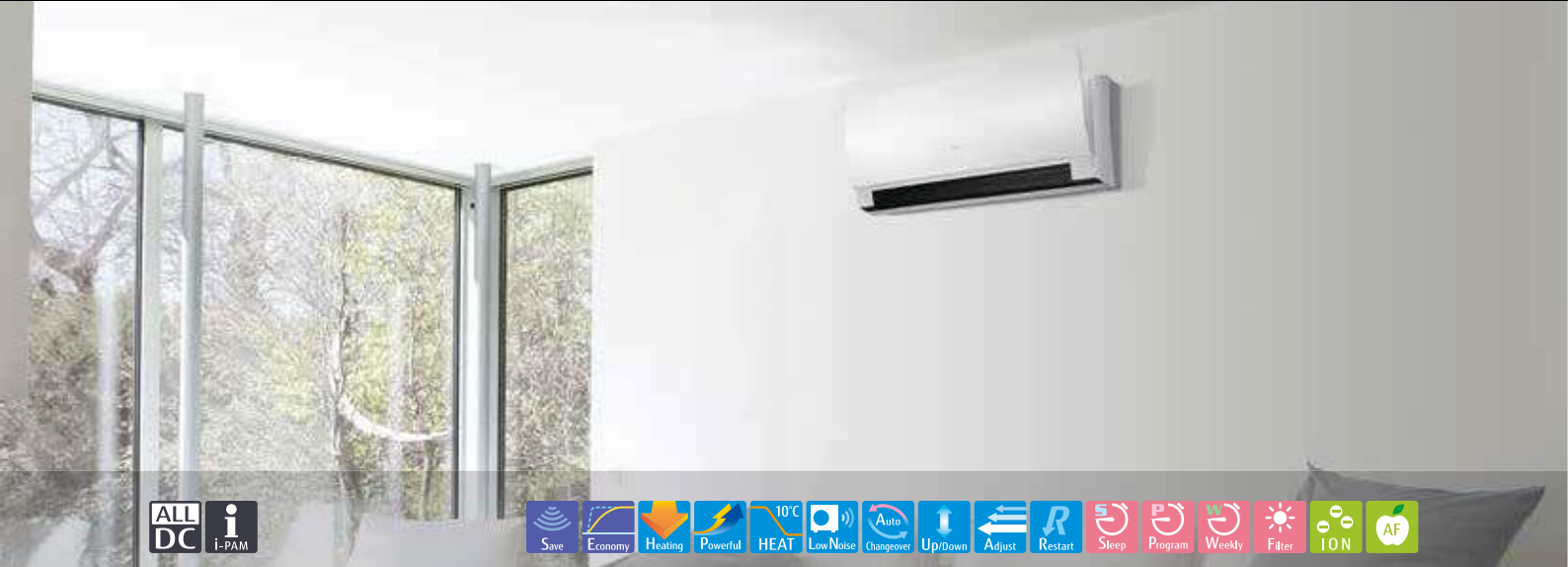
Optional parts

Wired Remote Controller: UTY-RNRYZ2, UTY-RLRY
Simple Remote Controller: UTY-RSNYM
Communication kit: UTY-XCBX22

Dimensions

(Unit : mm)

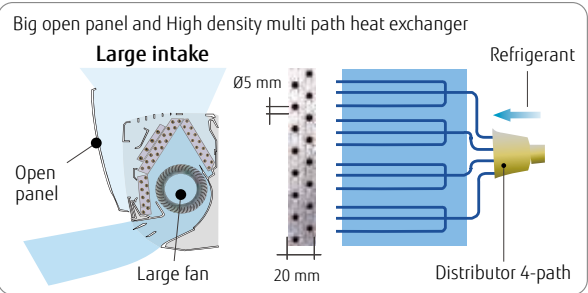
Wall Mounted Designer Range High Spec & Design



Features

Thin & Slim design

Thin and slim design is realized by high density multi-path heat exchanger and high efficiency wind blower.



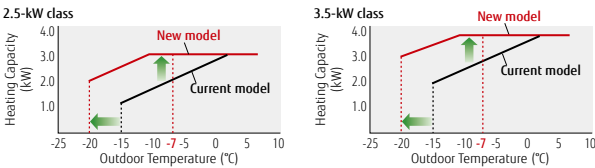
Human sensor

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.

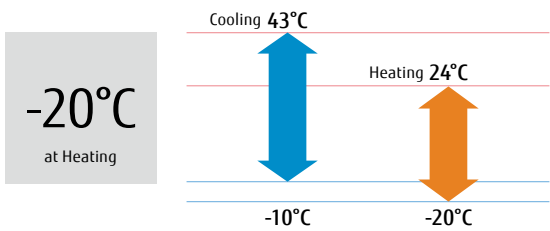


3 Mode timer (Weekly/Program/Sleep)

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



Wireless R.C.



For ASYG09LTCA



For ASYG12LTCA

Specifications

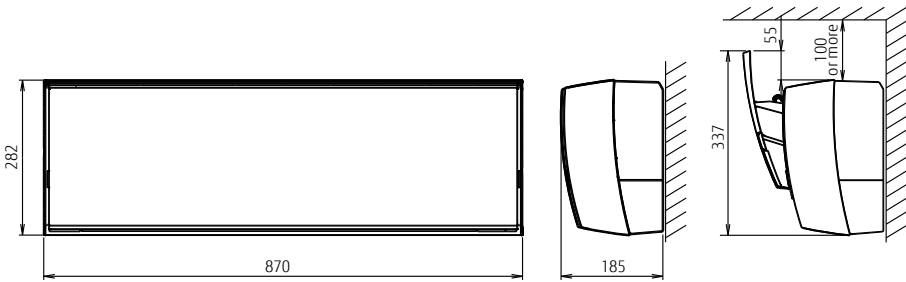
Model No.	Indoor unit		Outdoor unit		ASYG09LTCA	ASYG12LT CA
					AOYG09LTC	AOYG12LTC
Power Source					Single-phase, ~230V, 50Hz	
Capacity	Cooling	kW			2.5 (0.9-3.5)	3.5 (1.1-4.0)
	Heating	kW			3.2 (0.9-5.4)	4.0 (0.9-6.5)
Input Power	Cooling/Heating				0.505/0.660	0.850/0.910
EER	Cooling				4.95	4.12
COP	Heating				4.85	4.40
Pdesign	Cooling/Heating(-10°C)				2.5/3.0	3.5/4.0
SEER	Cooling				8.50	8.50
SCOP	Heating (Average)				4.60	4.60
Energy Efficiency Class	Cooling				A+++	A+++
	Heating (Average)				A++	A++
Max. Operating Current	Cooling/Heating				6.5/9.0	9.0/10.5
Annual Energy Consumption	Cooling				103	144
	Heating				912	1217
Moisture Removal					1.3	1.8
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			63/65	64/65
	Indoor / Outdoor	High			800/1,700	850/2,050
Net Dimensions H x W x D	Indoor				282×870×185	282×870×185
	Outdoor				540×790×290	620×790×290
Weight	Indoor				9.5 (21)	9.5 (21)
	Outdoor				33 (73)	40 (88)
Connection Pipe Diameter (Liquid / Gas)					6.35/9.52	6.35/9.52
Drain hose Diameter (I.D./O.D.)					13.8/15.8 to 16.7	13.8/15.8 to 16.7
Max Pipe Length (Pre-Charge)					20 (15)	20 (15)
Max Height Difference					15	15
Operation Range	Cooling				-10 to 43	-10 to 43
	Heating				-20 to 24	-20 to 24
Refrigerant	Type (Global Warming Potential)				R410A (2,088)	R410A (2,088)
	Charge				1.05 (2.2)	1.20 (2.5)

Optional parts

- Wired Remote Controller: UTY-RNNYM / UTY-RVNYM
Simple Remote Controller: UTY-RSNYM
Communication kit: UTY-TWBXF

Dimensions

(Unit : mm)



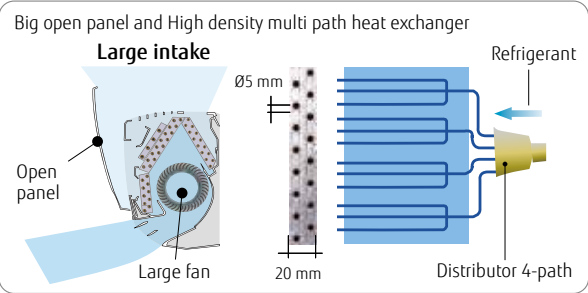
Wall Mounted Designer Range High COP



Features

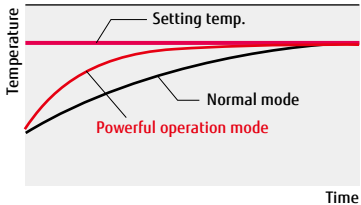
Thin & Slim design

Thin and slim design is realized by Ø5 mm heat exchanger and high efficiency wind blower.



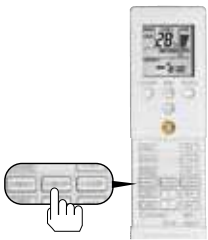
Powerful operation

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



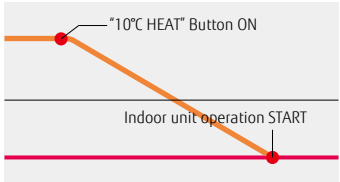
3 Mode timer (Weekly/Program/Sleep)

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.

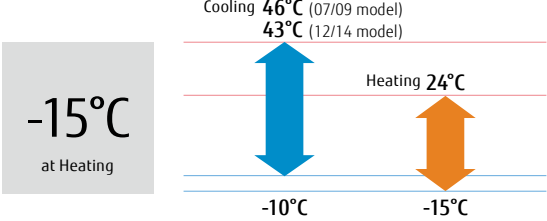


10°C HEAT Operation

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



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				
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)	
Input Power	Cooling/Heating	kW	0.460/0.660	0.555/0.680	0.905/0.930	1.235/1.380	
EER	Cooling	W/W	4.35	4.50	3.87	3.40	
COP	Heating		4.55	4.71	4.30	3.91	
Pdesign	Cooling/Heating(-10°C)	kW	2.0/2.6	2.5/2.8	3.5/3.9	4.2/4.8	
SEER	Cooling	W/W	7.20	7.10	7.05	6.78	
SCOP	Heating (Average)		4.10	4.10	4.00	4.00	
Energy Efficiency Class	Cooling	A	A++	A++	A++	A++	
	Heating (Average)		A+	A+	A+	A+	
Max. Operating Current	Cooling/Heating	A	6.0/7.5	6.0/7.5	6.5/9.0	9.0/10.5	
Annual Energy Consumption	Cooling	kWh/a	97	123	174	217	
	Heating		887	956	1363	1677	
Moisture Removal			l/h	1.0	1.3	1.8	2.1
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	
	Outdoor(Cooling/Heating)	High	58/58	60/60	65/65	65/65	
Airflow Rate	Indoor / Outdoor	High	m³/h	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	282×870×185	
		kg(lbs)	9.5 (21)	9.5 (21)	9.5 (21)	9.5 (21)	
Weight	Outdoor	mm	540×660×290	540×660×290	540×790×290	540×790×290	
		kg(lbs)	23 (51)	25 (55)	33 (73)	34 (75)	
Connection Pipe Diameter (Liquid / Gas)			mm	6.35/9.52	6.35/9.52	6.35/9.52	6.35/12.7
Drain hose Diameter (I.D./O.D.)			mm	13.8/15.8 to 16.7	13.8/15.8 to 16.7	13.8/15.8 to 16.7	13.8/15.8 to 16.7
Max Pipe Length (Pre-Charge)			m	20 (15)	20 (15)	20 (15)	20 (15)
Max Height Difference			m	15	15	15	15
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	
Refrigerant	Type (Global Warming Potential)		R410A (2,088)	R410A (2,088)	R410A (2,088)	R410A (2,088)	
	Charge	kg(CO2eq-T)	0.70 (1.5)	0.85 (1.8)	1.05 (2.2)	1.05 (2.2)	

Optional parts

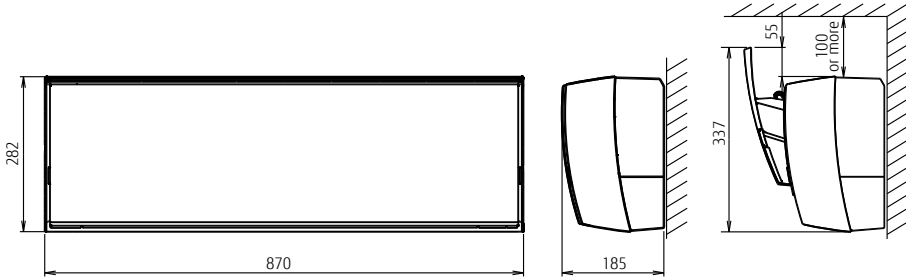
Wired Remote Controller: UTY-RNNYM, UTY-RVNYM

Simple Remote Controller: UTY-RSNYM

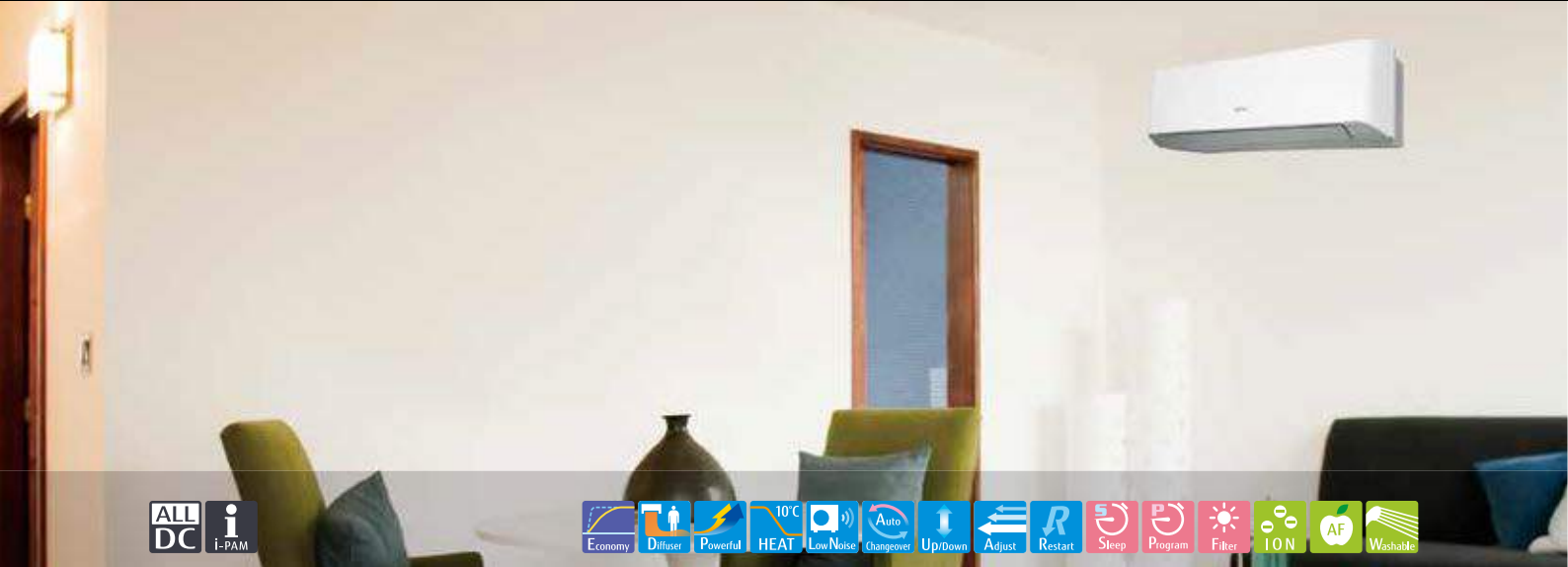
Communication kit: UTY-TWBXF

Dimensions

(Unit : mm)

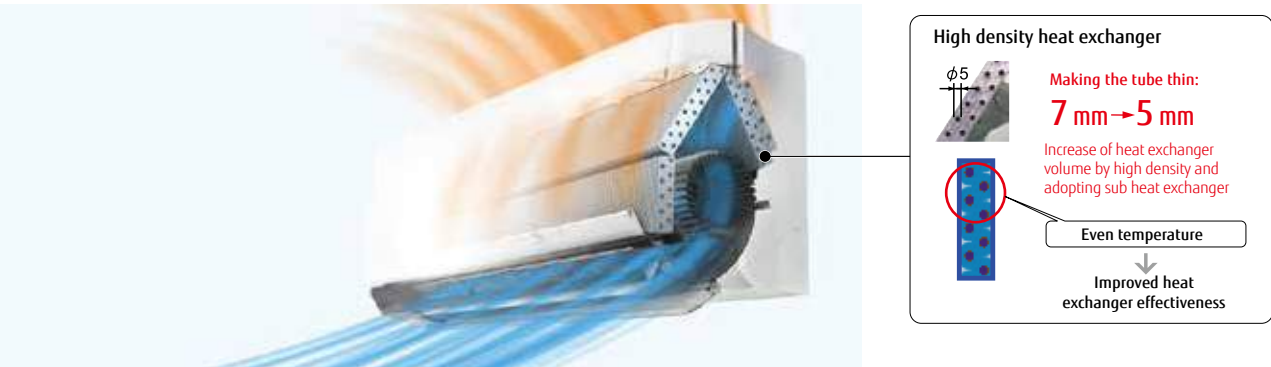


NEW Wall Mounted Standard Range High Efficiency & Comfort



Features

High efficient compact design

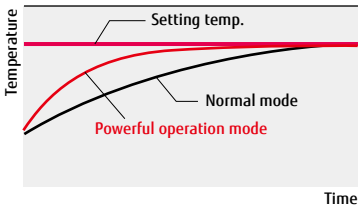


More comfort airflow



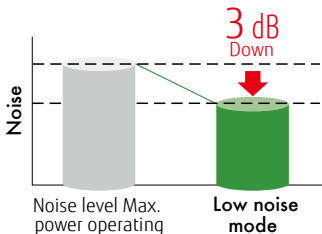
Powerful operation

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



Specifications

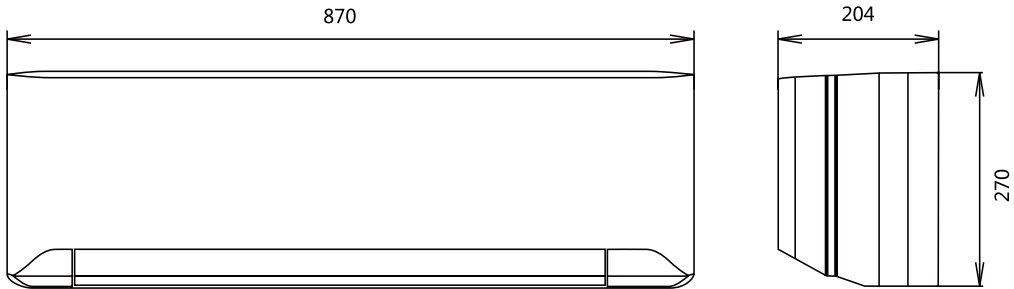
Model No.	Indoor unit		ASYG07LMCE	ASYG09LMCE	ASYG12LMCE	ASYG14LMCE
	Outdoor unit		AOYG07LMCE	AOYG09LMCE	AOYG12LMCE	AOYG14LMCE
Power Source			Single-phase, ~230V, 50Hz			
Capacity	Cooling	kW	2.0(0.5-3.0)	2.5(0.5-3.2)	3.4(0.9-3.9)	4.0(0.9-4.4)
	Heating	kW	3.0(0.5-3.4)	3.2(0.5-4.0)	4.0(0.9-5.3)	5.0(0.9-6.0)
Input Power	Cooling/Heating	kW	0.465/0.685	0.65/0.73	0.97/1.02	1.135/1.365
EER	Cooling		4.30	3.85	3.50	3.52
COP	Heating	W/W	4.38	4.38	3.92	3.66
Pdesign	Cooling/Heating(-10°C)	kW	2.0/2.3	2.5/2.4	3.4/3.5	4.0/3.9
SEER	Cooling		6.80	7.00	7.00	6.90
SCOP	Heating (Average)	W/W	4.10	4.10	4.00	4.00
Energy Efficiency Class	Cooling		A++	A++	A++	A++
	Heating (Average)		A+	A+	A+	A+
Max. Operating Current	Cooling/Heating	A	6.0/7.5	6.0/7.5	6.5/9.0	9.0/10.5
Annual Energy Consumption	Cooling	kWh/a	103	125	170	203
	Heating		786	820	1225	1365
Moisture Removal		l/h	1.0	1.3	1.8	2.1
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 / Outdoor	High	58/56	58/56	61/61	65/65
		m³/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(lbs)	8.5(19)	8.5(19)	8.5(19)	8.5(19)
Weight	Outdoor	mm	535×663×293	535×663×293	535×663×293	540×790×290
		kg(lbs)	21(46)	21(46)	26(57)	34(75)
Connection Pipe Diameter (Liquid / Gas)		mm	6.35/9.52	6.35/9.52	6.35/9.52	6.35/12.7
Drain hose Diameter (I.D./O.D.)			13.8/15.8 to 16.7	13.8/15.8 to 16.7	13.8/15.8 to 16.7	13.8/15.8 to 16.7
Max Pipe Length (Pre-Charge)		m	20(15)	20(15)	20(15)	20(15)
Max Height Difference			15	15	15	15
Operation Range	Cooling	°CDB	-10 to 43	-10 to 43	-10 to 43	-10 to 43
	Heating		-15 to 24	-15 to 24	-15 to 24	-15 to 24
Refrigerant	Type (Global Warming Potential)		R410A(2,088)	R410A(2,088)	R410A(2,088)	R410A(2,088)
	Charge	kg(CO2eq-T)	0.70 (1.5)	0.70 (1.5)	0.85 (1.8)	1.05 (2.2)

Optional parts

Wired Remote Controller: UTY-RNNYM, UTY-RVNYM
Simple Remote Controller: UTY-RSNYM
Communication kit: UTY-XCBX22

Dimensions

(Unit : mm)

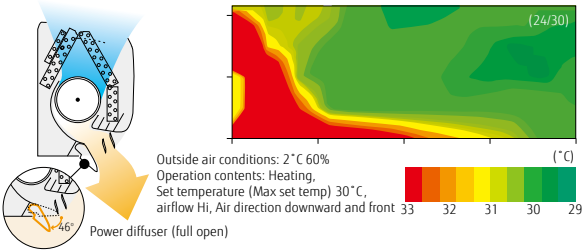


Wall Mounted Standard Range Comfort for Large Room

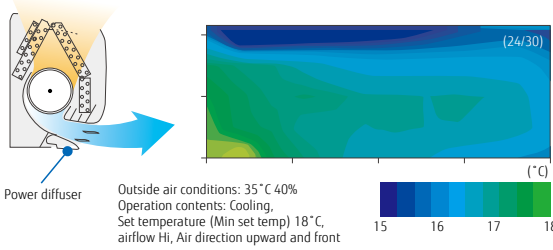


Features

“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

Ion Deodorization Filter

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

Apple-catechin Filter

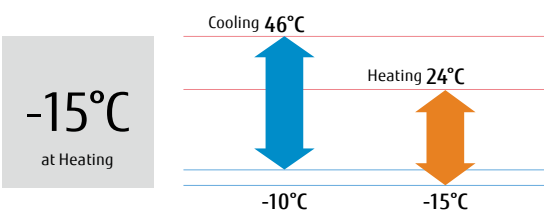
The Apple-catechin filter uses static electricity to clean fine particles and dust in the air.

Using different filters at both sides

Flexible Installation

	18 type	24 type	30 type
Max. Piping Length	25 m	30 m	50 m
Max. Height	20 m	20 m	30 m

Low ambient operation



Model: ASYG18LFCA / ASYG24LFCC / ASYG30LFCA



Wireless R.C.



For ASYG18LFCA, ASYG24LFCC



For ASYG30LFCA

Specifications

Model No.	Indoor unit		ASYG18LFCA	ASYG24LFCC	ASYG30LFCA	
	Outdoor unit		AOYG18LFC	AOYG24LFCC	AOYG30LFT	
Power Source			Single-phase, ~230V, 50Hz			
Capacity	Cooling	kW	5.2 (0.9-6.0)	7.1 (0.9-8.0)	8.0 (2.9-9.0)	
	Heating		6.3 (0.9-9.1)	8.0 (0.9-10.6)	8.8 (2.2-11.0)	
Input Power	Cooling/Heating	kW	1.52/1.71	2.20/2.21	2.49/2.44	
EER	Cooling	W/W	3.42	3.23	3.21	
COP	Heating		3.68	3.61	3.61	
Pdesign	Cooling/Heating (-10°C)	kW	5.2/5.9	7.1/7.1	8.0/8.0	
SEER	Cooling	W/W	6.94	6.11	5.69	
SCOP	Heating (Average)		3.87	3.80	3.80	
Energy Efficiency Class	Cooling		A++	A++	A+	
	Heating (Average)		A	A	A	
Max. Operating Current	Cooling/Heating	A	9.0/12.5	13.5/18.5	17.0/19.0	
Annual Energy Consumption	Cooling	kWh/a	262	406	492	
	Heating		2130	2610	2941	
Moisture Removal		l/h	2.6	2.7	3.2	
Sound Pressure Level	Indoor (Cooling)	H/M/L/Q	dB(A)	43/37/33/26	49/42/37/32	48/42/37/33
	Indoor (Heating)	H/M/L/Q		42/37/33/25	48/42/37/32	49/42/37/33
	Outdoor(Cooling/Heating)	High		50/51	55/56	53/56
Sound Power Level	Indoor(Cooling/Heating)	High		58/58	64/64	64/64
	Outdoor(Cooling/Heating)	High		65/-	68/-	68/-
Airflow Rate	Indoor / Outdoor	High	m³/h	900/2150	1120/2460	1100/3600
Net Dimensions H x W x D	Indoor		mm	320×998×238	320×998×238	320×998×238
			kg(lbs)	14 (31)	14 (31)	14 (31)
	Outdoor		mm	620×790×290	620×790×290	830×900×330
Weight			kg(lbs)	41 (90)	41 (90)	61 (135)
Connection Pipe Diameter (Liquid / Gas)			mm	6.35/12.7	6.35/15.88	9.52/15.88
Drain hose Diameter (I.D./O.D.)				12/16	12/16	12/16
Max Pipe Length (Pre-Charge)			m	25 (15)	30 (15)	50 (20)
Max Height Difference				20	20	30
Operation Range	Cooling	°CDB	-10 to 46	-10 to 46	-10 to 46	
	Heating		-15 to 24	-15 to 24	-15 to 24	
Refrigerant	Type (Global Warming Potential)		R410A (2,088)	R410A (2,088)	R410A (2,088)	
	Charge	kg(CO2eq-T)	1.20 (2.5)	1.80 (3.8)	2.1 (4.4)	

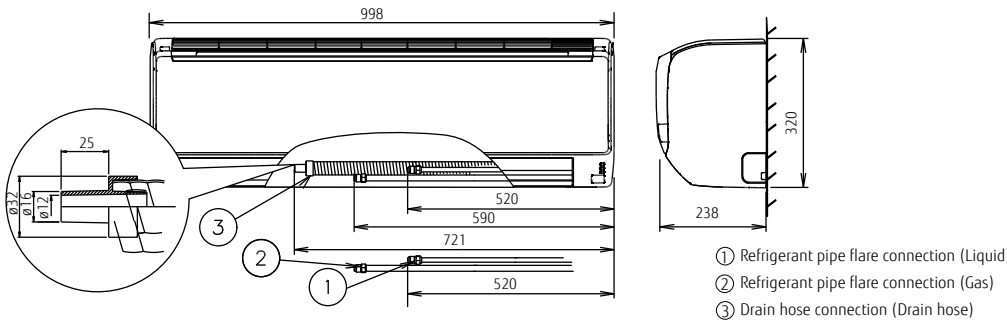
Optional parts

Wired Remote Controller: UTY-RNNYM, UTY-RVNYM

Simple Remote Controller: UTY-RSNYM

Dimensions

(Unit : mm)

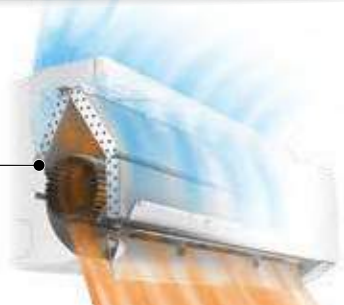
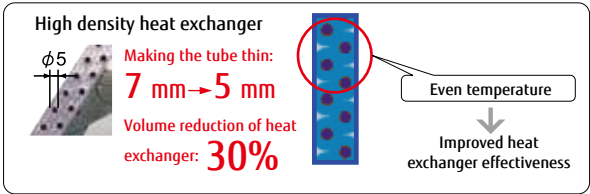


- ① Refrigerant pipe flare connection (Liquid)
- ② Refrigerant pipe flare connection (Gas)
- ③ Drain hose connection (Drain hose)



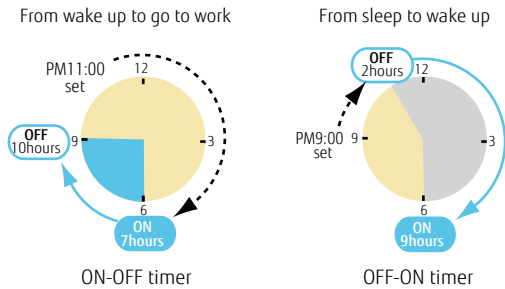
Features

High efficient compact design



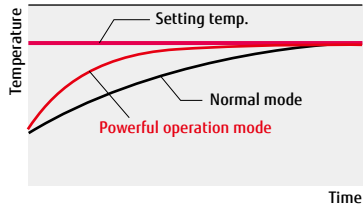
ON-OFF Programmable timer

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)



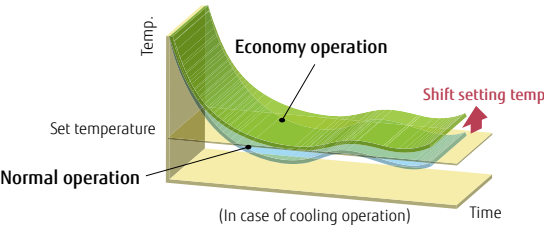
Powerful operation

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

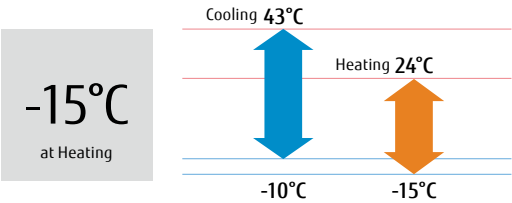


Economy operation

Setting temp. is shifted by 1°C automatically.



Low ambient operation



Model: ASYG07LLCE / ASYG09LLCE / ASYG12LLCE



Wireless R.C.



Specifications

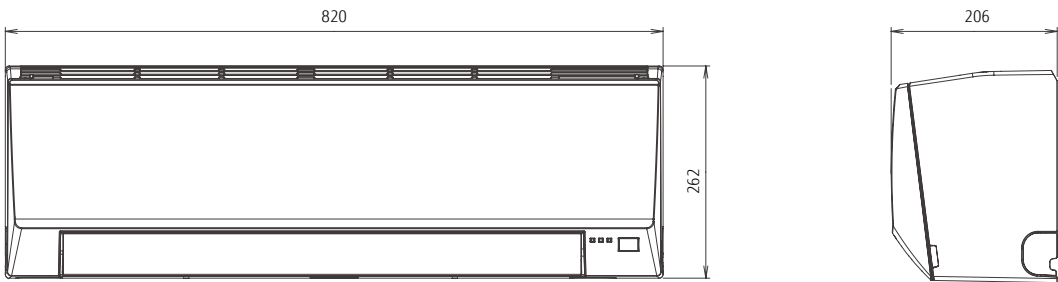
Model No.	Indoor unit		ASYG07LLCE	ASYG09LLCE	ASYG12LLCE	
	Outdoor unit		AOYG07LLCE	AOYG09LLCE	AOYG12LLCE	
Power Source			Single-phase, ~230V, 50Hz			
Capacity	Cooling	kW	2.0(0.9-2.8)	2.5(0.9-3.0)	3.4(0.9-3.8)	
	Heating		2.7(0.9-3.6)	3.0(0.9-3.8)	4.0(0.9-5.0)	
Input Power	Cooling/Heating	kW	0.470/0.620	0.730-0.740	1.080/1.130	
EER	Cooling	W/W	4.26	3.42	3.15	
COP	Heating		4.35	4.05	3.54	
Pdesign	Cooling/Heating(-10°C)	kW	2.0/2.2	2.5/2.3	3.4/3.2	
SEER	Cooling	W/W	6.70	6.90	6.60	
SCOP	Heating (Average)		4.00	4.00	3.80	
Energy Efficiency Class	Cooling		A++	A++	A++	
	Heating (Average)		A+	A+	A	
Max. Operating Current	Cooling/Heating	A	6.0/7.5	6.0/7.5	6.5/9.0	
Annual Energy Consumption	Cooling	kWh/a	104	127	180	
	Heating		770	805	1,179	
Moisture Removal		l/h	1.0	1.3	1.8	
Sound Pressure Level	Indoor (Cooling)	H/M/L/Q	dB(A)	43/38/33/22	43/38/33/22	43/38/33/22
	Indoor (Heating)	H/M/L/Q		43/38/33/22	43/38/33/22	43/38/33/22
	Outdoor(Cooling/Heating)	High		47/48	47/48	50/51
Sound Power Level	Indoor(Cooling/Heating)	High	59/60	59/60	59/60	
	Outdoor(Cooling/Heating)	High	61/61	61/61	65/65	
Airflow Rate	Indoor / Outdoor	High	m³/h	720/1,670	720/1,670	720/1,830
Net Dimensions H x W x D	Indoor		mm	262×820×206	262×820×206	262×820×206
			kg(lbs)	7.0(15)	7.0(15)	7.0(15)
			mm	535×663×293	535×663×293	535×663×293
Weight	Outdoor		kg(lbs)	24(53)	24(53)	26(57)
				6.35/9.52	6.35/9.52	6.35/9.52
Connection Pipe Diameter (Liquid / Gas)			mm	13.8/15.8 to 16.7	13.8/15.8 to 16.7	13.8/15.8 to 16.7
Drain hose Diameter (I.D./O.D.)				20(15)	20(15)	20(15)
Max Pipe Length (Pre-Charge)			m	15	15	15
Max Height Difference				-10 to 43	-10 to 43	-10 to 43
Operation Range	Cooling	°CDB	-15 to 24	-15 to 24	-15 to 24	
	Heating					
Refrigerant	Type (Global Warming Potential)		R410A(2,088)	R410A(2,088)	R410A(2,088)	
	Charge	kg(CO2eq-T)	0.65(1.4)	0.65(1.4)	0.85(1.8)	

Optional parts

Remote Controller Holder: UTZ-RXLA

Dimensions

(Unit : mm)



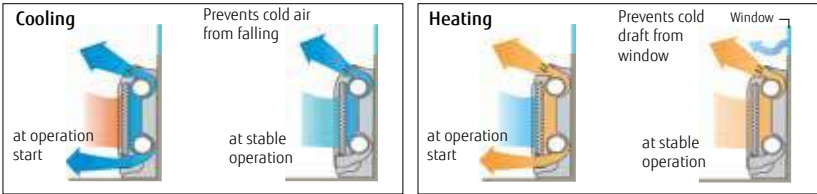
Floor Compact & Comfort



Features

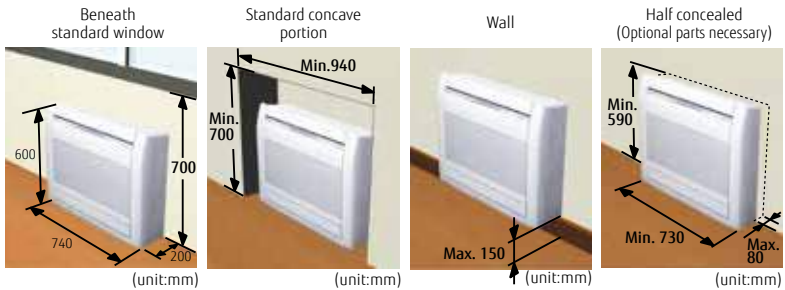
2-Fan & Wide airflow

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



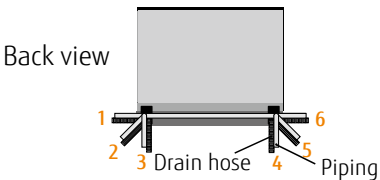
Flexible & easy installation

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.



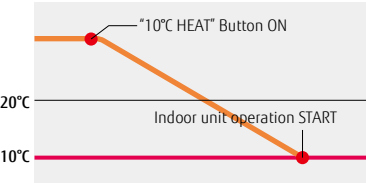
Flexible piping connection 6 direction of drain & piping

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

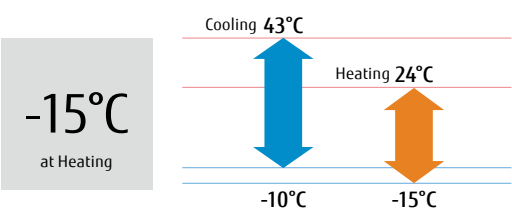


10°C HEAT Operation

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		A0YG09LVCA	A0YG12LVCA	A0YG14LVLA	
Power Source			Single-phase, ~230V, 50Hz			
Capacity	Cooling	kW	2.6 (0.9-3.5)	3.5 (0.9-4.0)	4.2 (0.9-5.0)	
	Heating		3.5 (0.9-5.5)	4.5 (0.9-6.6)	5.2 (0.9-8.0)	
Input Power	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	2.6/2.9	3.5/3.8	4.2/4.7	
SEER	Cooling	W/W	7.00	6.50	6.40	
SCOP	Heating (Average)		4.20	4.00	4.00	
Energy Efficiency Class	Cooling		A++	A++	A++	
	Heating (Average)		A+	A+	A+	
Max. Operating Current	Cooling/Heating	A	7.0/10.0	7.0/10.0	9.0/13.5	
Annual Energy Consumption	Cooling	kWh/a	130	188	230	
	Heating		967	1330	1645	
Moisture Removal		l/h	1.3	1.8	2.1	
Sound Pressure Level	Indoor (Cooling)	H/M/L/Q	dB(A)	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	48/49	50/50
	Indoor(Cooling/Heating)	High		55/56	55/56	58/58
Airflow Rate	Outdoor(Cooling/Heating)	High	64/65	64/65	65/66	
	Indoor / Outdoor	High	m³/h	570/1680	570/1680	650/1910
Net Dimensions H x W x D	Indoor	mm	600×740×200	600×740×200	600×740×200	
		kg(lbs)	14 (31)	14 (31)	14 (31)	
Weight	Outdoor	mm	540×790×290	540×790×290	578×790×300	
		kg(lbs)	36 (79)	36 (79)	40 (88)	
Connection Pipe Diameter (Liquid / Gas)		mm	6.35/9.52	6.35/9.52	6.35/12.7	
Drain hose Diameter (I.D./O.D.)			13.8/15.8 to 16.7	13.8/15.8 to 16.7	13.8/15.8 to 16.7	
Max Pipe Length (Pre-Charge)		m	20 (15)	20 (15)	20 (15)	
Max Height Difference			15	15	15	
Operation Range	Cooling	°CDB	-10 to 43	-10 to 43	-10 to 43	
	Heating		-15 to 24	-15 to 24	-15 to 24	
Refrigerant	Type (Global Warming Potential)		R410A (2,088)	R410A (2,088)	R410A (2,088)	
	Charge	kg(CO2eq-T)	1.05 (2.2)	1.05 (2.2)	1.15 (2.4)	

Optional parts

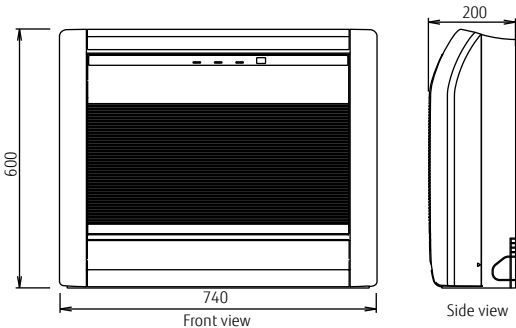
Wired Remote Controller: UTY-RNNYM, UTY-RVNYM

Simple Remote Controller: UTY-RSXYM

Half Concealed Kit: UTR-STA

Dimensions

(Unit : mm)



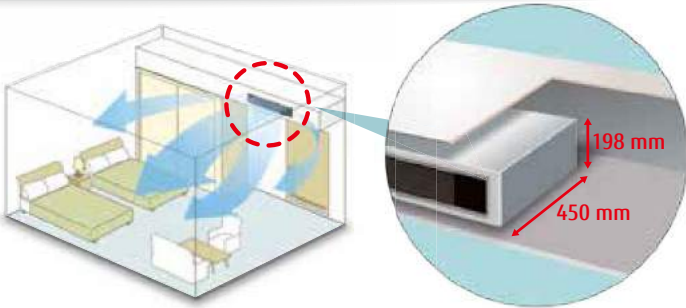
Mini Duct Built-in Drain Pump



Features

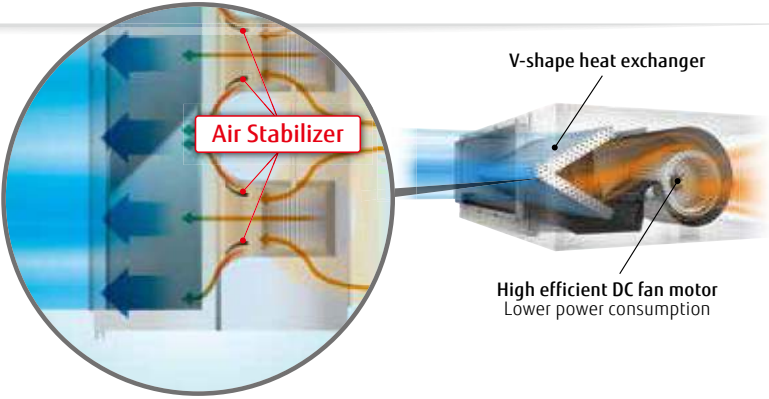
Large living space available

- Installation space can be reduced down to minimum depth 450 mm height 198 mm and 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

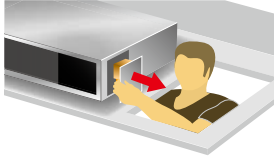
Low noise is realized drastically by stabilized airflow design



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 Louver Grille Kit (Option)

- Thin design provides a comfortable living environment over a wide area.
- Automatic louver 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.

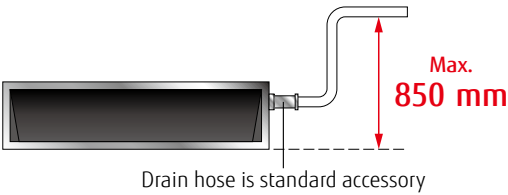


Specifications

Model No.	Indoor unit		ARYG12LSLAP	ARYG14LSLAP	ARYG18LSLAP	
	Outdoor unit		AOYG12LALL	AOYG14LALL	AOYG18LALL	
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)	
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	
COP	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	
SCOP	Heating		3.90	3.80	3.80	
Energy Efficiency Class	Cooling		A+	A+	A+	
	Heating		A	A	A	
Max. Operating Current	Cooling/Heating	A	7.5/10.0	9.0/12.5	9.0/12.5	
Annual Energy Consumption	Cooling	kWh/a	215	269	314	
	Heating		1505	1656	1914	
Moisture Removal			l/h	1.2	1.4	
Sound Pressure Level	Indoor (Cooling)	H/M/L/Q	dB(A)	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
	Indoor(Cooling/Heating)	High		55/57	60/62	58/59
Sound Power Level	Outdoor(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 - 30 (10)	0 - 50 (15)	0 - 50 (15)
Net Dimensions H x W x D Weight	Indoor	mm	198×700×450	198×700×450	198×900×450	
		kg(lbs)	15.5 (34)	15.5 (34)	18.5 (41)	
	Outdoor	mm	578×790×300	578×790×300	578×790×300	
		kg(lbs)	40 (88)	40 (88)	40 (88)	
Connection Pipe Diameter (Liquid / Gas)			mm	6.35/9.52	6.35/12.70	6.35/12.70
Drain hose Diameter (I.D./O.D.)				25/32	25/32	25/32
Max Pipe Length (Pre-Charge)			m	25 (15)	25 (15)	25 (15)
Max Height Difference				15	15	15
Operation Range	Cooling	°CDB	-10 to 46	-10 to 46	-10 to 46	
	Heating		-15 to 24	-15 to 24	-15 to 24	
Refrigerant	Type (Global Warming Potential)		R410A (2,088)	R410A (2,088)	R410A (2,088)	
	Charge	kg(CO2eq-T)	1.15 (2.4)	1.25 (2.6)	1.25 (2.6)	

Optional parts

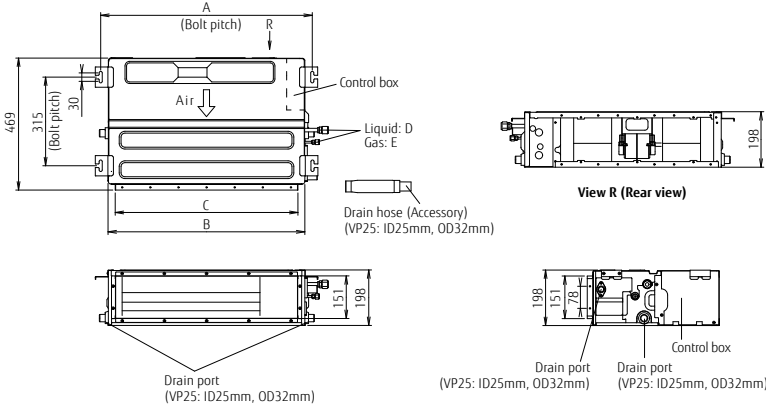
Wired Remote Controller: UTY-RLRY, UTY-RNRY22, UTY-RVNYM Auto Louver Grille Kit: UTD-GXTA-W (ARYG12/14LSLAP)
Simple Remote Controller: UTY-RSNYM, UTY-RSRY UTD-GXTB-W (ARYG18LSLAP)
IR Receiver Kit: UTY-LBTYM External connect kit: UTY-XWZXZG
Remote Sensor Unit: UTY-XSZX



Drain hose is standard accessory

Dimensions

(Unit : mm)



	ARYG12/14LSLAP	ARYG18LSLAP
A	752	952
B	700	900
C	650	850
D	6.35	9.52
E	12,7	15.88

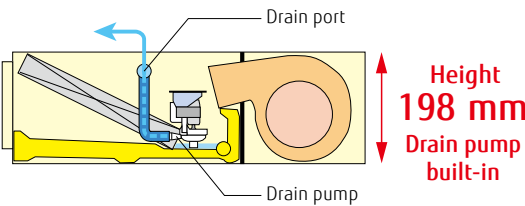
Slim Duct Slim & Comfort



Features

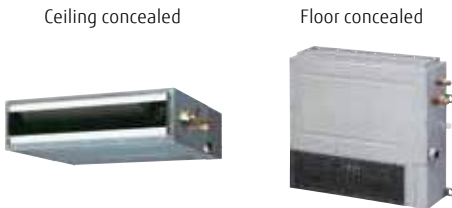
Slim design

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.



Selectable with a wide range of static pressure

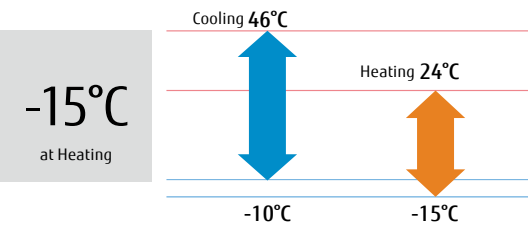
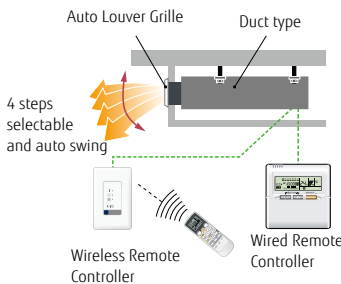
By using the DC fan motor, it is possible to change the static pressure range from 0 to 90 Pa. The change of static pressure range is possible by remote controller.



Static pressure range
0 to 90 Pa

Auto Louver Grille Kit (Option)

Simple flat Auto Louver will provide comfort airflow and harmonize with luxury interior.



Model : ARYG12LLTB / ARYG14LLTB / ARYG18LLTB



ARYG12/14LLTB



ARYG18LLTB



Wired R.C.

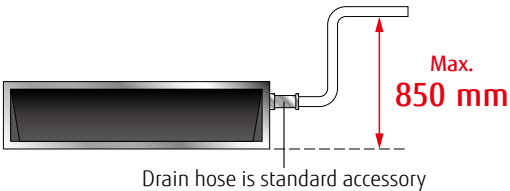


Specifications

Model No.	Indoor unit		ARYG12LLTB	ARYG14LLTB	ARYG18LLTB	
	Outdoor unit		AOYG12LALL	AOYG14LALL	AOYG18LALL	
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)	
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+	A++	
	Heating		A+	A	A+	
Max. Operating Current	Cooling/Heating	A	7.5/10.0	9.0/12.5	9.0/12.5	
Annual Energy Consumption	Cooling	kWh/a	207	259	293	
	Heating		1467	1614	1774	
Moisture Removal		l/h	1.3	1.5	2.0	
Sound Pressure Level	Indoor (Cooling)	H/M/L/Q	dB(A)	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
Outdoor(Cooling/Heating)	High	47/48		49/49	50/50	
Sound Power Level	Indoor(Cooling/Heating)	High		58/58	60/60	58/58
	Outdoor(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(lbs)	19 (42)	19 (42)	23 (51)	
Weight	Outdoor	mm	578×790×300	578×790×300	578×790×300	
		kg(lbs)	40 (88)	40 (88)	40 (88)	
Connection Pipe Diameter (Liquid / Gas)		mm	6.35/9.52	6.35/12.70	6.35/12.70	
Drain hose Diameter (I.D./O.D.)			25/32	25/32	25/32	
Max Pipe Length (Pre-Charge)		m	25 (15)	25 (15)	25 (15)	
Max Height Difference			15	15	15	
Operation Range	Cooling	°CDB	-10 to 46	-10 to 46	-10 to 46	
	Heating		-15 to 24	-15 to 24	-15 to 24	
Refrigerant	Type (Global Warming Potential)	kg(CO2eq-T)	R410A (2,088)	R410A (2,088)	R410A (2,088)	
	Charge		1.15 (2.4)	1.25 (2.6)	1.25 (2.6)	

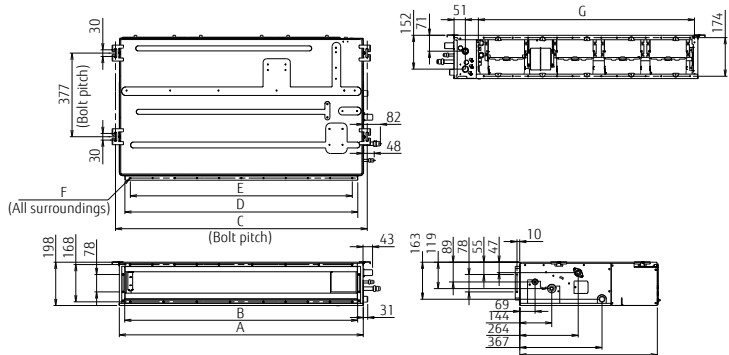
Optional parts

Wired Remote Controller: UTY-RNNYM, UTY-RVNYM Auto Louver Grille Kit: UTD-GXTA-W (For ARYG12 / 14LLTB)
Simple Remote Controller: UTY-RSNYM UTD-GXTB-W (For ARYG18LLTB)
IR Receiver Kit: UTY-LRHYM External connect kit: UTD-ECS5A
Remote Sensor Unit: UTY-XSZX



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

SPLIT

For Light Commercial



SPLIT

- 028 PRODUCT LINEUP
- 030 Feature Explanation & Summary
- 032 Cassette Compact 4-way Flow Series
- 034 Cassette Circular Flow Series
- 036 Cassette 4-way Flow Series
- 038 Mini Duct
- 040 Slim Duct
- 042 Medium Static Pressure Duct
- 046 High Static Pressure Duct
- 048 Big Duct
- 050 Floor/Ceiling
- 052 Ceiling
- 054 Wall Mounted Standard Range Series

SPLIT Indoor Units



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

Type	Series	BTU										BTU	
		12	14	18	24		30	36	45	54	60	72	90
Cassette Page 032~	Compact 4-way Flow Series Compact & Comfort Page 032	 AUYG12LVLB	 AUYG14LVLB	 AUYG18LVLB	 AUYG24LVLA								
	Circular Flow Series Comfort for Large Room Page 034			 AUXG18LRLB	 AUXG24LRLB		 AUXG30LRLB	 AUXG36LRLB	 AUXG45LRLB	 AUXG54LRLB			
	4-way Flow Series Comfort for Large Room Page 036						 AUYG30LRLE	 AUYG36LRLE AUYG36LRLA	 AUYG45LRLA	 AUYG54LRLA			
Duct Page 038~	 Mini Duct Page 038	 ARYG12LSLAP*	 ARYG14LSLAP*	 ARYG18LSLAP*									
	Slim Duct Page 040	 ARYG12LLTB	 ARYG14LLTB	 ARYG18LLTB									
	Medium Static Pressure Duct Compact & Comfort Page 042	 ARYG12LHTBP	 ARYG14LHTBP	 ARYG18LHTBP	 ARYG24LHTBP		 ARYG30LHTBP	 ARYG36LHTBP	 ARYG45LHTBP	 ARYG54LHTBP			
	Medium Static Pressure Duct Standard Page 044				 ARYG24LMLA		 ARYG30LMLE	 ARYG36LMLE ARYG36LMLA	 ARYG45LMLA				
	High Static Pressure Duct Page 046								 ARYG45LHTA	 ARYG54LHTA	 ARYG60LHTA		
	 Big Duct Page 048											 ARYG72LHTA*	 ARYG90LHTA*
Floor/Ceiling Comfort & Dual Design Page 050				 ABYG18LVTB	 ABYG24LVTA								
Ceiling Comfort for Large Room Page 052							 ABYG30LRTE	 ABYG36LRTE ABYG36LRTA	 ABYG45LRTA	 ABYG54LRTA			
Wall Mounted Page 054	Standard Range Series New Design & Large Capacity						 ASYG30LMTA	 ASYG36LMTA					

SPLIT and MULTI SPLIT Feature Explanation

Energy Saving Function



Save human sensor
Human sensor detects the movement of people in the room and judges whether the energy saving operation.



Save & Stop human sensor
Human sensor (option) detects movement of people in the room and decides whether to save energy or stop the unit.



Economy mode
Thermostat setting automatically changes according to the temperature to avoid unnecessary cooling and heating.

Comfortable Function



Server room operation
Interlock operation is possible by connecting 2 indoor units even in the low temperature.



Powerful mode
Operation at maximum air flow and compressor speed, and quickly makes the room comfortable.



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 noise mode
Sound noise level of outdoor unit can be selected.



Auto-changeover
The unit automatically switches between heating and cooling modes based on your temperature setting and the room temperature.



Up/down swing flaps
The up/down flaps automatically swing up and down.



Double swing automatic
Complex swing action of flaps enables automatically to swing both horizontal and vertical directions.



Automatic fan speed
The micro-computer automatically adjusts the airflow effectively to follow the changes of room temperature.



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 fresh air duct
Outside air can be introduced by attaching Locally purchased duct to fresh air knockout and optional part.



Fresh air intake
Fresh air can be taken in by a fan which can be connected using external control unit.



Connectable distributing duct
Systems are capable of attaching Locally purchased branch ducts distributing the airflow.



Individual airflow direction control
Each louver 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.



Sleep timer
The micro-computer gradually changes the room temperature automatically to afford a comfortable night's sleep.



Program timer
This digital timer allows selection of one of four options:
ON, OFF, ON + OFF or OFF + ON.



Weekly timer
Different ON-OFF times can be set for each day.



Weekly + setback timer
Weekly + Setback timer can set temperature for two times spans and for each day of the week.



Filter sign
Indicates the filter cleaning period by lamp.



External error output



External ON/OFF input



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

Clean Function



Ion deodorization filter
The filter deodorizes by powerfully decomposing absorbed odors using the oxidizing 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.



Washable panel
Since the front panel is easy to remove, maintenance is also easy.



Long life filter

Installation



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



Drain pump as standard



Blue fin



All DC models



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 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.

SPLIT and MULTI SPLIT Feature Summary

Type	Cassette			Duct						Floor/ Ceiling	Ceiling	Wall Mounted
	Compact 4-way Flow	Circular Flow	4-way Flow	Mini	Slim	Medium Static Pressure		High Static Pressure	Big			
Model No.	AUYG12/14/ 18VLVB, AUYG22/24 LVLA	AUXG18/24/ 30/36/45/ 54LRLB	AUYG30/36 LRLE, AUYG36/45/ 54LRLA	ARYG 12/14/18 LSLAP	ARYG 12/14/18 LLTB	ARYG12/14/ 18/24/30/ 36/45/54 LHTBP	ARYG22/ 24/36/45 LMLA, ARYG30/36 LMLE	ARYG45/54/ 60LHTA	ARYG72/90 LHTA	ABYG18 LVTB, ABYG22/24 LVTA	ABYG30/36 LRTE, ABYG36/45/ 54LRTA	ASYG30/36 LMTA
Energy Saving Function	Save human sensor											●
	Save & Stop human sensor	○										
	Economy mode	●	●	●	●	●	●	●	●	●	●	●
	Room temperature set point limitation	○	●	○	●	●	○	○	●	○	○	○
	Set temperature auto return	○	●	○	●	●	○	○	●	○	○	○
Convenient Function	Server room operation											●
	Powerful mode											●
	10°C HEAT operation	●	○	○	○	○	○	(60)	○	●	●	●
	Low noise mode		○ (45/54)			○ (45/54)	○ (45)(36LMLA)	○	○		○ (45/54)(36LRTA)	●
	Auto-changeover	●	●	●	●	●	●	●	●	●	●	●
	Up/down swing flaps	●	●	●	○	○						
	Double swing automatic									●	●	●
	Automatic fan speed	●	●	●	●	●	●	●	●	●	●	●
	Auto restart	●	●	●	●	●	●	●	●	●	●	●
	Connectable fresh air duct	○	●	●		●	●				●	
	Fresh air intake	○	○	○	○	○	○	○	○		○	
	Connectable distributing duct		●	●			●					
Convenient Function	Individual airflow direction control		●									
	Auto off timer	○	●	○	●	○	○	○	●	○	○	○
	Sleep timer	●	○	○	○	○	○	(60)	○	●	●	●
	Program timer	●	○	○	○	○	○	(60)	○	●	●	●
	Weekly timer		●		●	●			●			●
	Weekly + setback timer	○		●	●	●	●	●		○	○	○
	Filter sign	●	●	●	●	●	●	●	●	●	●	●
	External error output		○		○	○			○			○
Clean Function	External ON/OFF input	○	●	○	●	●	○	○	●	○	○	○
	Wireless LAN control	○	○	○	○	○	○	○	○	○	○	○
	Ion deodorization filter											●
	Apple-catechin filter											●
	Washable panel											●
Installation	Long life filter					○	○	(60)	○			
	Automatic airflow adjustment					●			●			
	Drain pump as standard	●	●	●	●	●	○				○	
	Blue fin		(30/36/45/54)	(45/54)		(30/36/45/54)		●	●		(45)	●

○: Optional function

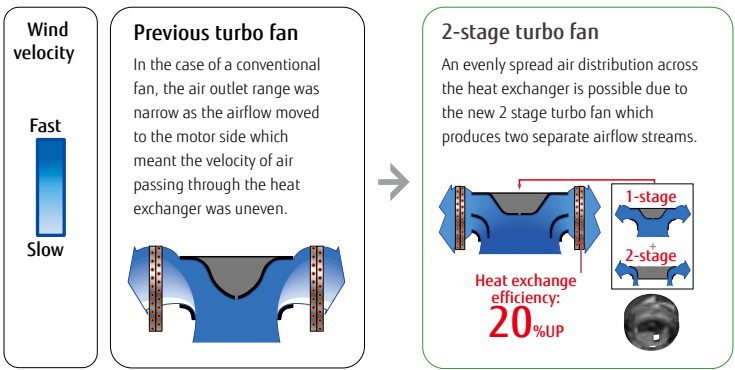
Compact Cassette 4-way Flow Compact & Comfort



Features

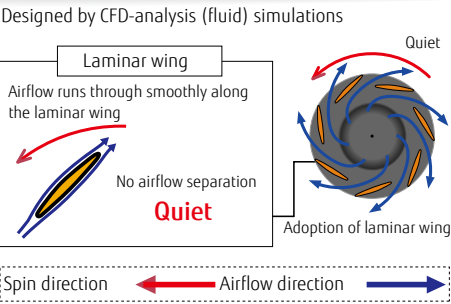
2-stage turbo fan

High efficiency design by 2 stage structure



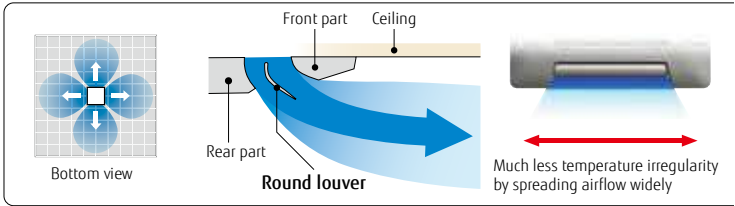
Quiet quality

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

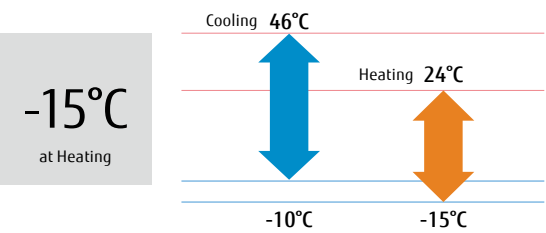


Improvement of the airflow distribution

New louver: The louver 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



Specifications

Model No.	Indoor unit		AUYG12LVLB	AUYG14LVLB	AUYG18LVLB	AUYG24LVLA
	Outdoor unit		AOYG12LALL	AOYG14LALL	AOYG18LALL	AOYG24LALA
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)	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)	8.0 (0.9-9.1)
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
Max. Operating Current	Cooling/Heating	A	7.5/10.0	9.0/12.5	9.0/12.5	12.0/13.5
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	38/34/30/26	49/44/36/30
	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	52/53
	Indoor(Cooling/Heating)	High	49/49	50/55	50/55	59/61
Airflow Rate	Outdoor(Cooling/Heating)	High	61/63	62/64	62/65	67/70
	Indoor / Outdoor	High	m³/h	600/1780	680/1910	680/2000
Net Dimensions H × W × D	Indoor	mm	245×570×570	245×570×570	245×570×570	245×570×570
		kg(lbs)	15 (33)	15 (33)	15 (33)	16 (35)
Weight	Outdoor	mm	578×790×300	578×790×300	578×790×300	578×790×315
		kg(lbs)	40 (88)	40 (88)	40 (88)	44 (97)
Connection Pipe Diameter (Liquid / Gas)		mm	6.35/9.52	6.35/12.70	6.35/12.70	6.35/15.88
Drain hose Diameter (I.D./O.D.)			25/32	25/32	25/32	25/32
Max Pipe Length (Pre-Charge)		m	25 (15)	25 (15)	25 (15)	30 (15)
Max Height Difference			15	15	15	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
Refrigerant	Type (Global Warming Potential)		R410A (2,088)	R410A (2,088)	R410A (2,088)	R410A (2,088)
	Charge	kg(CO2eq-T)	1.15 (2.4)	1.25 (2.6)	1.25 (2.6)	1.70 (3.5)
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(lbs)	2.6 (6)	2.6 (6)	2.6 (6)	2.6 (6)

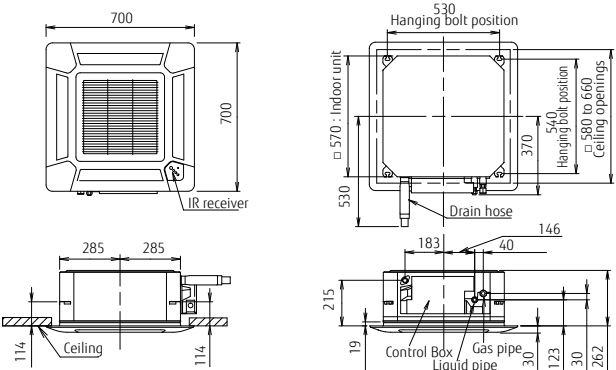
Optional parts

Air Outlet Shutter Plate: UTR-YDZB Insulation Kit For High Humidity: UTZ-KXGC
Wired Remote Controller: UTY-RNNYM, UTY-RVNYM Fresh Air Intake Kit: UTZ-VXAA
Simple Remote Controller: UTY-RSNYM



Dimensions

(Unit : mm)



Cassette Circular Flow Comfort for large room



Features

Unique Circular Flow design

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



Individual louver control

Each louver 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.

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

Various Cassette Grille

Both black and white color grilles are available. There are three types, white color grille with Remote Controller, only white color grille and only black color grille. Possible to choose according to the atmosphere and the use of the room.



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



Specifications

Model No.	Indoor unit		AUXG18LRLB	AUXG24LRLB	AUXG30LRLB	AUXG36LRLB	AUXG45LRLB	AUXG54LRLB
	Outdoor unit		AOYG18LBCA	AOYG24LBCA	AOYG30LBTa	AOYG36LBTa	AOYG45LBTa	AOYG54LBTa
Power Source			Single-phase, ~230V, 50Hz					
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)
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
COP	Heating		4.00	3.58	3.61	3.71	3.75	3.45
Pdesign	Cooling/Heating(-10°C)		kW	5.2/4.3	6.8/6.0	8.5/8.0	9.5/8.7	-
SEER	Cooling	W/W	7.05	6.60	6.70	6.40	-	-
SCOP	Heating (Average)		4.40	4.20	4.30	4.30	-	-
Energy Efficiency Class	Cooling		A++	A++	A++	A++	-	-
	Heating (Average)		A+	A+	A+	A+	-	-
Max. Operating Current	Cooling/Heating	A	10.0/13.5	13.5/18.5	17.0/17.0	20.0/20.0	20.5/20.5	21.5/21.5
Annual Energy Consumption	Cooling	kWh/a	258	361	444	519	-	-
	Heating		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
	Outdoor(Cooling/Heating)	High	64/62	68/68	67/69	68/70	68/68	69/71
Airflow Rate	Indoor / Outdoor	High	m³/h	1050/1900	1150/2460	1600/3600	1900/3800	2000/6750
Net Dimensions H × W × D	Indoor	mm	246×840×840	246×840×840	288×840×840	288×840×840	288×840×840	288×840×840
		kg(lbs)	24 (53)	24 (53)	26 (57)	26 (57)	29 (64)	29 (64)
		mm	620×790×290	620×790×290	830×900×330	830×900×330	1290×900×330	1290×900×330
Weight	Outdoor	kg(lbs)	41 (90)	41 (90)	61 (134)	61 (134)	86 (189)	86 (189)
Connection Pipe Diameter (Liquid / Gas)			mm	6.35/12.7	6.35/15.88	9.52/15.88	9.52/15.88	9.52/15.88
Drain hose Diameter (I.D./O.D.)			mm	25/32	25/32	25/32	25/32	25/32
Max Pipe Length (Pre-Charge)			m	30 (15)	30 (15)	50 (20)	50 (20)	50 (20)
Max Height Difference				20	20	30	30	30
Operation Range	Cooling	°CDB	-15 to 46	-15 to 46	-15 to 46	-15 to 46	-15 to 46	-15 to 46
	Heating		-15 to 24	-15 to 24	-15 to 24	-15 to 24	-15 to 24	-15 to 24
Refrigerant	Type (Global Warming Potential)		R410A (2,088)	R410A (2,088)	R410A (2,088)	R410A (2,088)	R410A (2,088)	R410A (2,088)
	Charge	kg(CO2eq-T)	1.80 (3.8)	1.80 (3.8)	2.10 (4.4)	2.10 (4.4)	3.35 (7.0)	3.35 (7.0)
Cassette Grille	Variation		UTG-UKYA-W: White Color with touch panel wired remote controller UTG-UKYC-W: White Color / UTG-UKYA-B*1: Black Color					
	Dimensions (H × W × D)	mm	53×950×950	53×950×950	53×950×950	53×950×950	53×950×950	53×950×950
	Weight	kg(lbs)	6.0 (13)	6.0 (13)	6.0 (13)	6.0 (13)	6.0 (13)	6.0 (13)

*1: IR Receiver kit and human sensor kit cannot be connected.

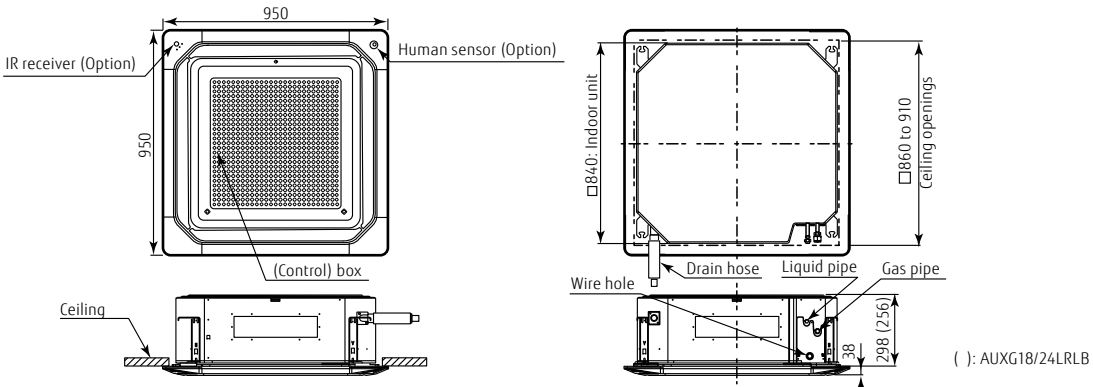
Optional parts

Wired Remote Controller:	UTY-RNRYZ2, UTY-RVNYM, UTY-RLRY, UTY-RNNYM	Air Outlet Shutter Plate:	UTR-YDZK
Simple Remote Controller:	UTY-RSNYM, UTY-RSRY	Insulation Kit For High Humidity:	UTZ-KXRA
IR Receiver Kit:	UTY-LBTYC	Flesh Air Intake Kit:	UTZ-VXRA
Human Sensor Kit:	UTY-SHZXC	External input and output PCB (with box):	UTY-XCSX + UTZ-GXRA
Wide Panel:	UTG-AKXA-W	External connect kit:	UTY-XWZXG, UTY-XWZXZ3
Panel Spacer:	UTG-BKXA-W	Cassette Grille:	UTG-UKYA-W, UTG-UKYA-B, UTG-UKYC-W

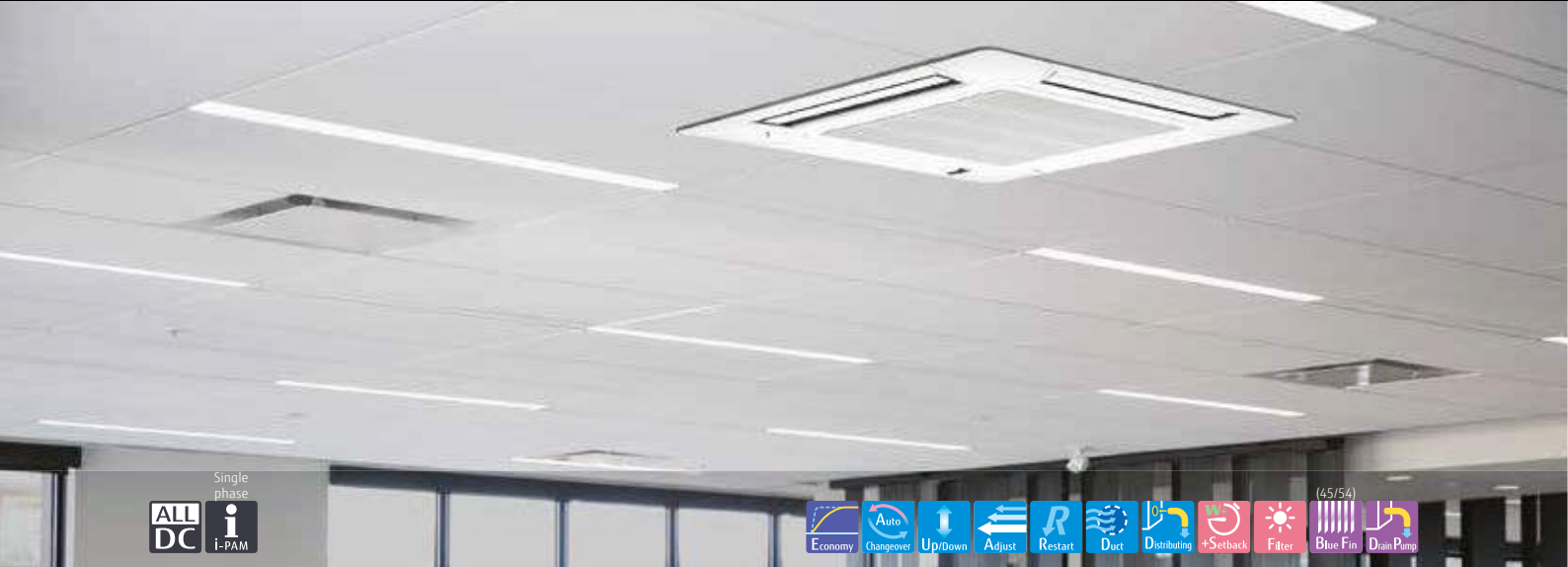


Dimensions

(Unit : mm)



Cassette 4-way Flow Comfort for large room

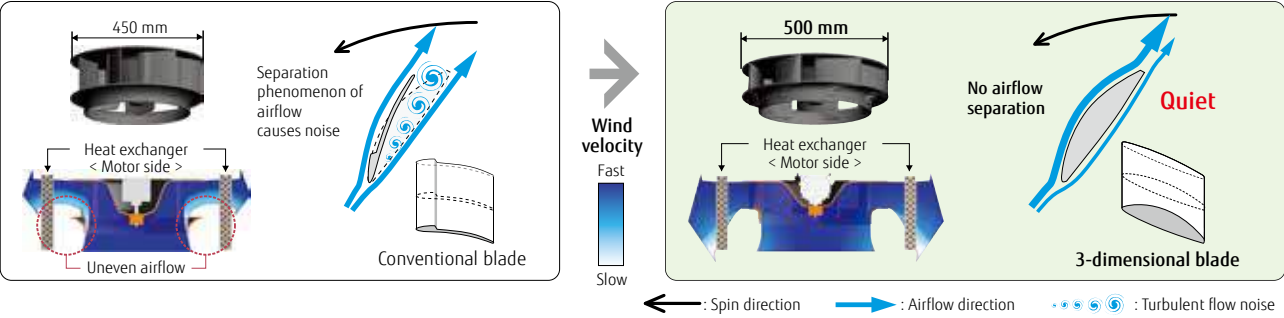


Features

High efficiency turbo fan with 3-dimensional blade

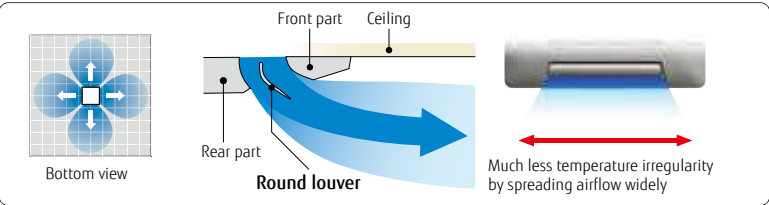
Previous turbo fan: Air passing through the heat exchanger was uneven and the air would only flow close to the ceiling.

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.



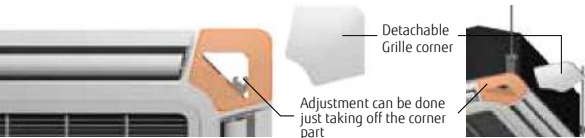
Improvement of the airflow distribution

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

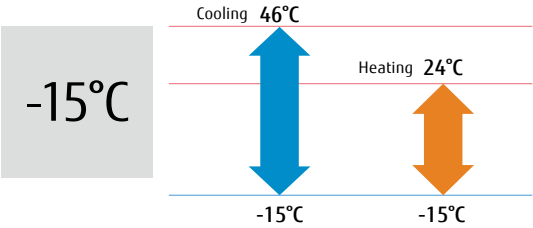


Adjustment of hanger position is possible after installation

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		
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)
	Heating	kW	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)
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
	Cooling	W/W	3.21	3.21	3.22	3.01	4.10	3.53
EER	Cooling		3.21	3.21	3.22	3.01	4.10	3.53
	Heating		3.61	3.71	3.71	3.41	4.38	3.91
COP	Cooling/Heating (-10°C)	kW	8.5/8.0	10.0/8.7	-	-	10.0/10.0	-
	Cooling	W/W	6.50	6.30	-	-	6.50	-
Pdesign	Cooling		6.50	6.30	-	-	6.50	-
	Heating (Average)		4.30	4.20	-	-	4.30	-
SEER	Cooling		A++	A++	-	-	A++	-
	Heating (Average)		A+	A+	-	-	A+	-
SCOP	Cooling/Heating	A	17.0/17.0	18.5/20.0	20.5/20.5	21.5/21.5	7.9/7.9	8.9/8.9
	Cooling		458	555	-	-	538	-
Annual Energy Consumption	Cooling	kWh/a	2604	2897	-	-	3253	-
	Heating		2.5	3.5	4.5	5.0	3.0	4.5
Moisture Removal	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
	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
Sound Pressure Level	Outdoor(Cooling/Heating)	High	53/55	54/55	55/55	55/57	51/53	54/54
	Indoor(Cooling/Heating)	High	54/54	57/57	-	-	58/58	-
Sound Power Level	Outdoor(Cooling/Heating)	High	68/69	69/70	-	-	67/69	-
	Indoor(Cooling/Heating)	High	68/69	69/70	-	-	67/69	-
Airflow Rate	Indoor / Outdoor	m³/h	1600/3600	1800/3800	1900/6750	2000/6750	1800/6200	1900/6750
	Indoor	mm	288x840x840	288x840x840	288x840x840	288x840x840	288x840x840	288x840x840
Net Dimensions	Indoor	kg (lbs)	26 (57)	26 (57)	26 (57)	26 (57)	26 (57)	26 (57)
	Outdoor	kg (lbs)	830x900x330	830x900x330	1290x900x330	1290x900x330	1290x900x330	1290x900x330
Connection Pipe Diameter (Liquid / Gas)	Indoor	mm	9.52/15.88	9.52/15.88	9.52/15.88	9.52/15.88	9.52/15.88	9.52/15.88
	Outdoor	mm	25.0/32.0	25.0/32.0	25.0/32.0	25.0/32.0	25.0/32.0	25.0/32.0
Drain hose Diameter (I.D./O.D.)	Indoor	mm	50 (20)	50 (20)	50 (20)	50 (20)	75 (30)	75 (30)
	Outdoor	mm	30	30	30	30	30	30
Max Pipe Length (Pre-Charge)	Cooling	m	-15 to 46	-15 to 46	-15 to 46	-15 to 46	-15 to 46	-15 to 46
	Heating	m	-15 to 24	-15 to 24	-15 to 24	-15 to 24	-15 to 24	-15 to 24
Max Height Difference	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
Operation Range	Type (Global Warming Potential)		R410A (2,088)	R410A (2,088)	R410A (2,088)	R410A (2,088)	R410A (2,088)	R410A (2,088)
	Charge	kg(CO2eq-T)	2.10 (4.4)	2.10 (4.4)	3.35 (7.0)	3.35 (7.0)	3.45 (7.2)	3.45 (7.2)
Refrigerant	Model name		UTG-UGYA-W	UTG-UGYA-W	UTG-UGYA-W	UTG-UGYA-W	UTG-UGYA-W	UTG-UGYA-W
	Dimensions (H x W x D)	mm	50x950x950	50x950x950	50x950x950	50x950x950	50x950x950	50x950x950
Cassette Grille	Weight	kg (lbs)	5.5 (12)	5.5 (12)	5.5 (12)	5.5 (12)	5.5 (12)	5.5 (12)

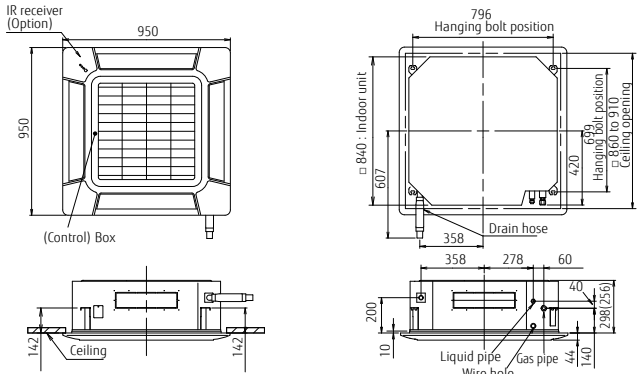
Optional parts

Wired Remote Controller:	UTY-RNNYM, UTY-RVNYM	Panel Spacer:	UTG-BKXA-W
Simple Remote Controller:	UTY-RSNYM	Air Outlet Shutter Plate:	UTR-YDZK
IR Receiver Kit:	UTY-LRHYA2	Insulation Kit For High Humidity:	UTZ-KXRA
Wide Panel:	UTG-AKXA-W	Fresh Air Intake Kit:	UTZ-VXRA



Dimensions

(Unit : mm)



NEW

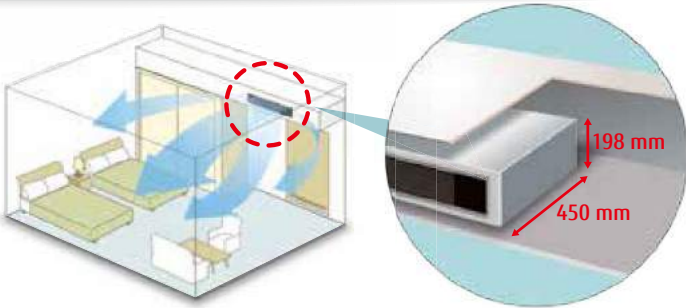
Mini Duct Built-in Drain Pump



Features

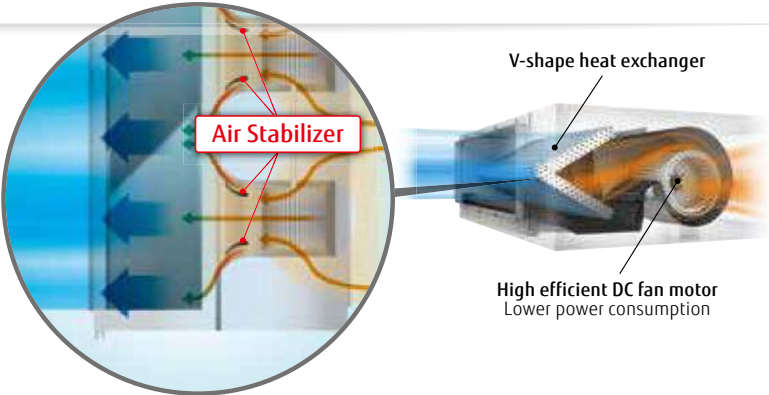
Large living space available

- Installation space can be reduced down to minimum depth 450 mm height 198 mm and 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

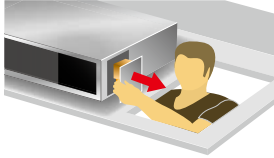
Low noise is realized drastically by stabilized airflow design



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



Auto Louver Grille Kit (Option)

- Thin design provides a comfortable living environment over a wide area.
- Automatic louver 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.

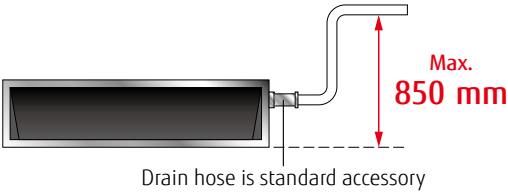


Specifications

Model No.	Indoor unit		ARYG12LSLAP	ARYG14LSLAP	ARYG18LSLAP	
	Outdoor unit		AOYG12LALL	AOYG14LALL	AOYG18LALL	
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)	
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	
COP	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	
SCOP	Heating		3.90	3.80	3.80	
Energy Efficiency Class	Cooling		A+	A+	A+	
	Heating		A	A	A	
Max. Operating Current	Cooling/Heating	A	7.5/10.0	9.0/12.5	9.0/12.5	
Annual Energy Consumption	Cooling	kWh/a	215	269	314	
	Heating		1505	1656	1914	
Moisture Removal			l/h	1.2	1.4	
Sound Pressure Level	Indoor (Cooling)	H/M/L/Q	dB(A)	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	m³/h	650/1780	800/1910	940/2000
Static pressure range (Standard)			Pa	0 - 30 (10)	0 - 50 (15)	0 - 50 (15)
Net Dimensions H x W x D Weight	Indoor	mm	198×700×450	198×700×450	198×900×450	
		kg(lbs)	15.5 (34)	15.5 (34)	18.5 (41)	
	Outdoor	mm	578×790×300	578×790×300	578×790×300	
		kg(lbs)	40 (88)	40 (88)	40 (88)	
Connection Pipe Diameter (Liquid / Gas)			mm	6.35/9.52	6.35/12.70	6.35/12.70
Drain hose Diameter (I.D./O.D.)			mm	25/32	25/32	25/32
Max Pipe Length (Pre-Charge)			m	25 (15)	25 (15)	25 (15)
Max Height Difference				15	15	15
Operation Range	Cooling	°CDB	-10 to 46	-10 to 46	-10 to 46	
	Heating		-15 to 24	-15 to 24	-15 to 24	
Refrigerant	Type (Global Warming Potential)		R410A (2,088)	R410A (2,088)	R410A (2,088)	
	Charge	kg(CO2eq-T)	1.15 (2.4)	1.25 (2.6)	1.25 (2.6)	

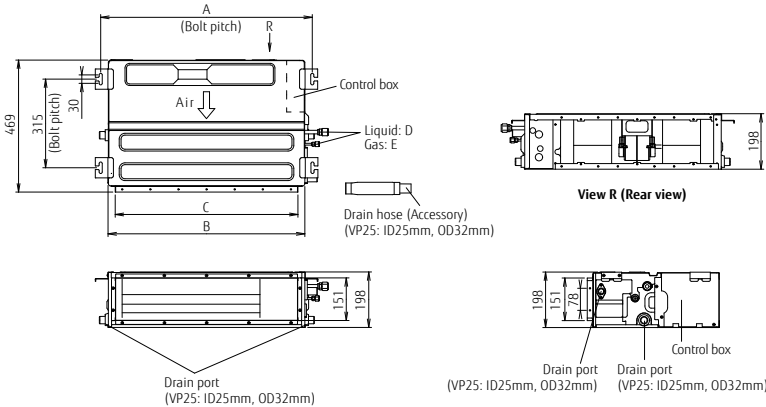
Optional parts

Wired Remote Controller: UTY-RLRY, UTY-RNRY22, UTY-RVNYM Auto Louver Grille Kit: UTD-GXTA-W (ARYG12/14LSLAP)
Simple Remote Controller: UTY-RSNYM, UTY-RSRY UTD-GXTB-W (ARYG18LSLAP)
IR Receiver Kit: UTY-LBTYM External connect kit: UTY-XWZXZG
Remote Sensor Unit: UTY-XSZX



Dimensions

(Unit : mm)



	ARYG12/14LSLAP	ARYG18LSLAP
A	752	952
B	700	900
C	650	850
D	6.35	9.52
E	12,7	15.88

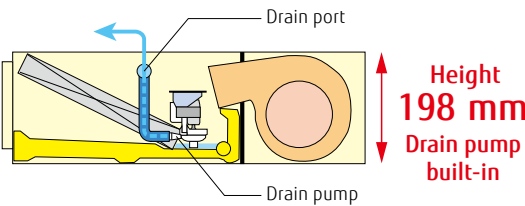
Slim Duct Slim & Comfort



Features

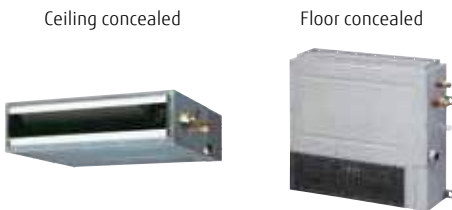
Slim design

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.



Selectable with a wide range of static pressure

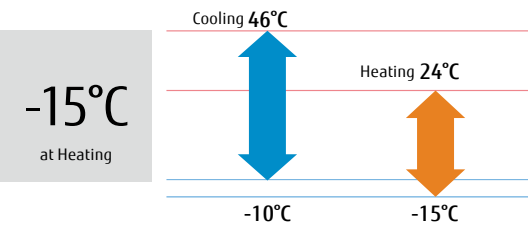
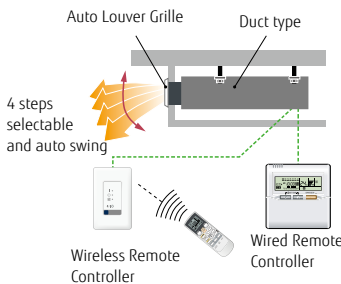
By using the DC fan motor, it is possible to change the static pressure range from 0 to 90 Pa.
The change of static pressure range is possible by remote controller.



Static pressure range
0 to 90 Pa

Auto Louver Grille Kit (Option)

Simple flat Auto Louver will provide comfort airflow and harmonize with luxury interior.



Model : ARYG12LLTB / ARYG14LLTB / ARYG18LLTB

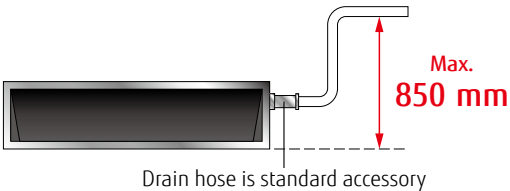


Specifications

Model No.	Indoor unit		ARYG12LLTB	ARYG14LLTB	ARYG18LLTB
	Outdoor unit		AOYG12LALL	AOYG14LALL	AOYG18LALL
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)
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+
Max. Operating Current	Cooling/Heating	A	7.5/10.0	9.0/12.5	9.0/12.5
Annual Energy Consumption	Cooling	kWh/a	207	259	293
	Heating		1467	1614	1774
Moisture Removal		l/h	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
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(lbs)	19 (42)	19 (42)	23 (51)
Weight	Outdoor	mm	578×790×300	578×790×300	578×790×300
		kg(lbs)	40 (88)	40 (88)	40 (88)
Connection Pipe Diameter (Liquid / Gas)		mm	6.35/9.52	6.35/12.70	6.35/12.70
Drain hose Diameter (I.D./O.D.)			25/32	25/32	25/32
Max Pipe Length (Pre-Charge)		m	25 (15)	25 (15)	25 (15)
Max Height Difference			15	15	15
Operation Range	Cooling	°CDB	-10 to 46	-10 to 46	-10 to 46
	Heating		-15 to 24	-15 to 24	-15 to 24
Refrigerant	Type (Global Warming Potential)		R410A (2,088)	R410A (2,088)	R410A (2,088)
	Charge	kg(CO2eq-T)	1.15 (2.4)	1.25 (2.6)	1.25 (2.6)

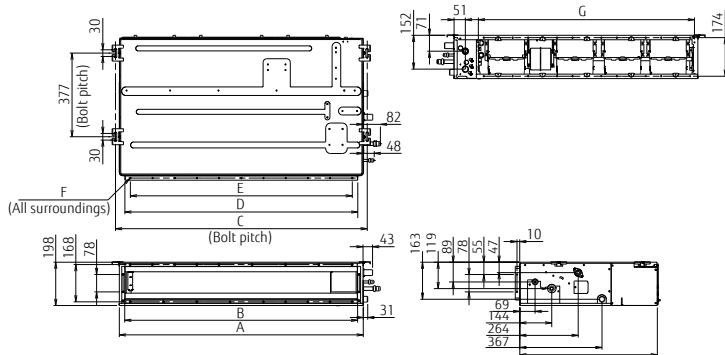
Optional parts

Wired Remote Controller: UTY-RNNYM, UTY-RVNYM Auto Louver Grille Kit: UTD-GXTA-W (For ARYG12 / 14LLTB)
Simple Remote Controller: UTY-RSNYM UTD-GXTB-W (For ARYG18LLTB)
IR Receiver Kit: UTY-LRHYM External connect kit: UTD-ECS5A
Remote Sensor Unit: UTY-XSZX



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

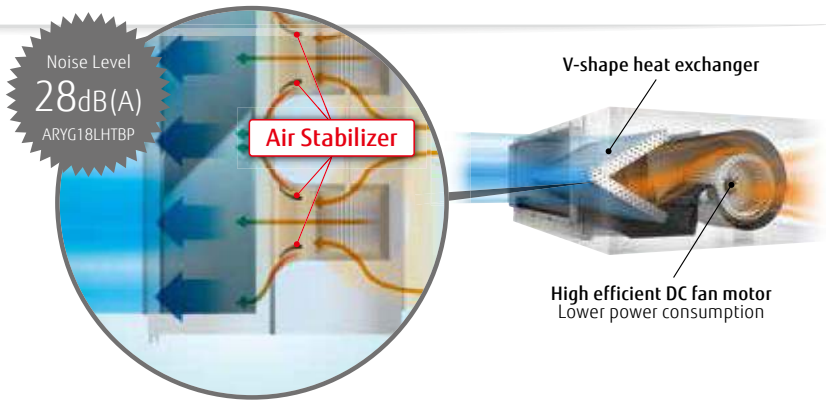
Medium Static Pressure Duct Compact & Comfort



Features

High Efficiency & Quiet operation

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



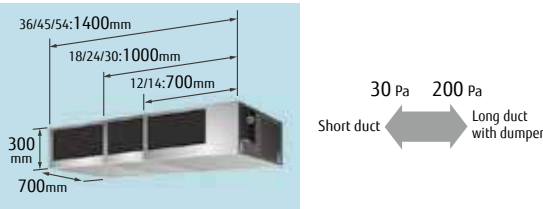
Automatic Airflow adjustment function

This unique and innovative function detects required air flow in each application case and automatically adjust the volume.



Improved installation flexibility

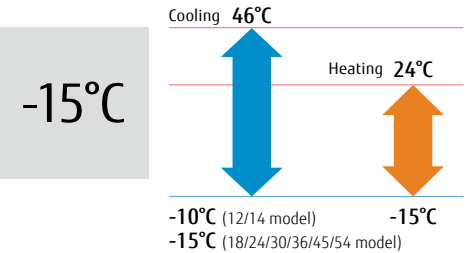
- Capable to be installed in various applications that requires static pressure of 30 Pa to 200 Pa
- Built-in drain pump, rises drain up to 850 mm
- Unified depth throughout the range enables the selection of the capacity regardless of the additional space.



Improved service and maintenance

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

Low ambient operation



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

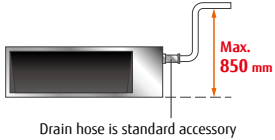


Specifications

Model No.	Indoor unit		ARYG12LHTBP	ARYG14LHTBP	ARYG18LHTBP	ARYG24LHTBP	ARYG30LHTBP	ARYG36LHTBP	ARYG45LHTBP	ARYG54LHTBP
	Outdoor unit		AOYG12LBLA	AOYG14LBLA	AOYG18LBCA	AOYG24LBCA	AOYG30LBTA	AOYG36LBTA	AOYG45LBTA	AOYG54LBTA
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)
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	W/W	3.89	3.64	3.80	3.49	3.21	3.32	3.37	3.03
COP	Heating		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	-	-
SEER	Cooling	W/W	6.20	6.10	7.15	6.50	5.95	5.81	-	-
SCOP	Heating (Average)		4.10	4.00	4.11	4.01	3.95	3.81	-	-
Energy Efficiency Class	Cooling	A	A++	A++	A++	A++	A+	A+	-	-
	Heating (Average)		A+	A+	A+	A+	A	A	-	-
Max. Operating Current	Cooling/Heating	kWh/a	8.0/10.5	9.5/13.0	10.0/13.5	13.5/18.5	17.0/17.0	20.0/20.0	22.5/22.5	23.5/23.5
Annual Energy Consumption	Cooling		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	2.6
Sound Pressure Level	Indoor (Cooling)	H/M/L/Q	32/27/26/24	33/28/27/25	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	32/27/26/24	33/28/27/25	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	Outdoor(Cooling/Heating)	High	47/48	49/49	50/51	55/56	53/55	54/55	55/55	55/57
	Indoor(Cooling/Heating)	High	57/58	59/60	54/54	57/57	63/65	64/63	67/69	67/69
Airflow Rate (High)	Outdoor(Cooling/Heating)	High	60/61	64/63	63/62	68/68	68/69	69/70	68/68	69/71
	Indoor / Outdoor	High	m³/h	850/1780	950/1910	1050/ 1900	1360/ 2460	1700/ 3600	2050/ 3800	2550/ 6750
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	300×1000×700	300×1400×700	300×1400×700	300×1400×700
		kg(lbs)	27 (59)	27 (59)	36 (79)	36 (79)	36 (79)	46 (101)	46 (101)	46 (101)
Weight	Outdoor	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
		kg(lbs)	40 (88)	40 (88)	41 (90)	41 (90)	61 (134)	61 (134)	86 (189)	86 (189)
Connection Pipe Diameter (Liquid / Gas)		mm	6.35/9.52	6.35/12.70	6.35/12.70	6.35/15.88	9.52/15.88	9.52/15.88	9.52/15.88	9.52/15.88
Drain hose Diameter (I.D./O.D.)			25/32	25/32	25/32	25/32	25/32	25/32	25/32	25/32
Max Pipe Length (Pre-Charge)		m	25 (15)	25 (15)	30 (15)	30 (15)	50 (20)	50 (20)	50 (20)	50 (20)
Max Height Difference			15	15	20	20	30	30	30	30
Operation Range	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
	Heating		-15 to 24	-15 to 24	-15 to 24	-15 to 24	-15 to 24	-15 to 24	-15 to 24	-15 to 24
Refrigerant	Type (Global Warming Potential)	kg(CO2eq-T)	R410A (2.088)	R410A (2.088)	R410A (2.088)	R410A (2.088)	R410A (2.088)	R410A (2.088)	R410A (2.088)	R410A (2.088)
	Charge		1.15 (2.4)	1.25 (2.6)	1.80 (3.8)	1.80 (3.8)	2.10 (4.4)	2.10 (4.4)	3.35 (7.0)	3.35 (7.0)

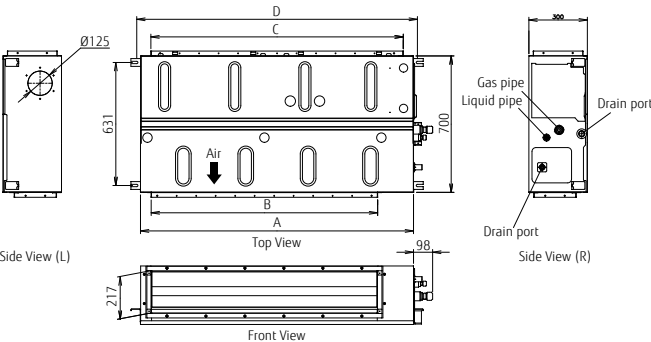
Optional parts

Wired Remote Controller:	UTY-RNRYZ2, UTY-RVNYM, UTY-RNNYM, UTY-RLRY	Long life filter:	UTD-LFNA (for ARYG36/45/54LHTBP)
Simple Remote Controller:	UTY-RSNYM, UTY-RSRY		UTD-LFNB (for ARYG24/30LHTBP)
IR Receiver Unit :	UTY-LBTYM		UTD-LFNC (for ARYG12/14LHTBP)
External input and output PCB (with bracket):	UTY-XCSX + UTZ-GXNA	Remote Sensor Unit: UTY-XSZX	
External connect kit:	UTY-XWZXZG, UTY-XWZXZ3		



Dimensions

(Unit : mm)



	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

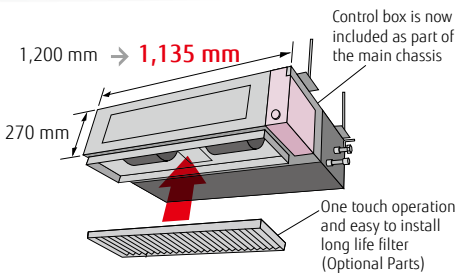
Medium Static Pressure Duct Standard



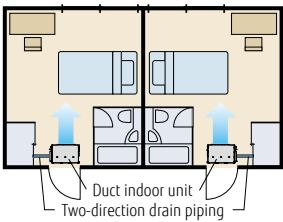
Features

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 internally inside the chassis.



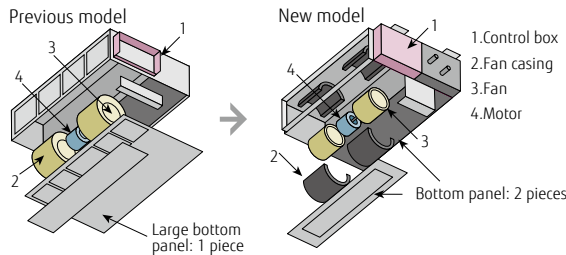
Two-direction drain piping



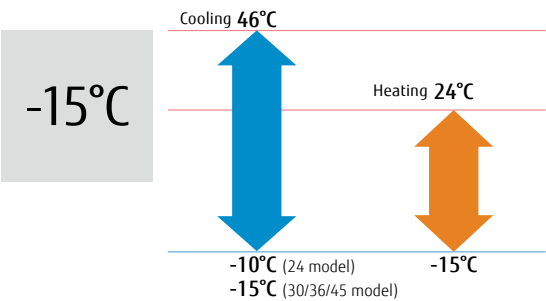
Easy maintenance

Structural improvement is attained 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.

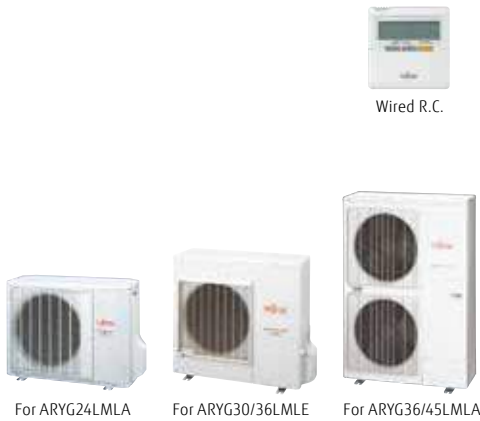
See below for the case of rear suction type



Low ambient operation



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



Specifications

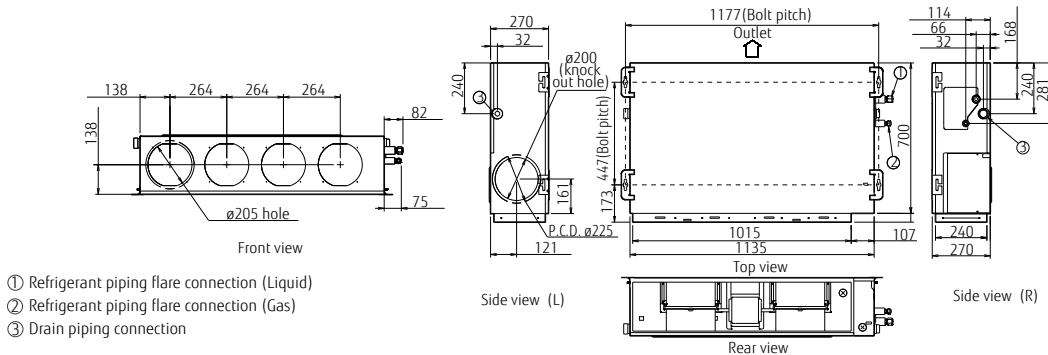
Model No.	Indoor unit		ARYG24LMLA	ARYG30LMLE	ARYG36LMLE	ARYG45LMLA	ARYG36LMLA	ARYG45LMLA
	Outdoor unit		AOYG24LALA	AOYG30LETL	AOYG36LETL	AOYG45LETL	AOYG36LATT	AOYG45LATT
Power Source			Single-phase, ~230V, 50Hz				3-phase, ~400V, 50Hz	
Capacity	Cooling	kW	6.8 (0.9-8.0)	8.5 (2.8-10.0)	9.4 (2.8-11.2)	12.1 (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)	13.1 (4.2-15.5)	11.2 (5.0-14.0)	14.0 (5.4-16.2)
Input Power	Cooling/Heating	kW	2.21/2.26	2.65/2.68	2.96/3.10	3.77/3.68	2.84/2.87	3.89/3.88
EER	Cooling	W/W	3.08	3.21	3.18	3.21	3.52	3.21
COP	Heating		3.54	3.73	3.61	3.61	3.90	3.61
Pdesign	Cooling/Heating (-10°C)	kW	6.8/6.0	8.5/8.0	9.4/8.7	-	10.0/10.0	-
SEER	Cooling	W/W	6.20	5.90	5.70	-	5.80	-
SCOP	Heating		4.00	3.90	3.80	-	4.00	-
Energy Efficiency Class	Cooling	A	A++	A+	A+	-	A+	-
	Heating		A+	A	A	-	A+	-
Max. Operating Current	Cooling/Heating	A	12.0/13.5	17.0/17.0	18.5/20.0	21.0/21.0	8.5/8.5	9.5/9.5
Annual Energy Consumption	Cooling		384	504	576	-	603	-
	Heating	kWh/a	2098	2868	3202	-	3497	-
Moisture Removal		l/h	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	67/70	68/69	69/70	-	67/69	-
	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)	30 to 150 (60)	30 to 150 (47)	30 to 150 (60)
		mm	270×1135×700	270×1135×700	270×1135×700	270×1135×700	270×1135×700	270×1135×700
Net Dimensions H x W x D	Indoor	kg(lbs)	38 (84)	40 (88)	40 (88)	40 (88)	40 (88)	40 (88)
	Outdoor	kg(lbs)	578×790×315	830×900×330	830×900×330	1290×900×330	1290×900×330	1290×900×330
Weight	Indoor	kg(lbs)	44 (97)	61 (134)	61 (134)	86 (190)	104 (229)	104 (229)
	Outdoor	kg(lbs)	44 (97)	61 (134)	61 (134)	86 (190)	104 (229)	104 (229)
Connection Pipe Diameter (Liquid / Gas)		mm	6.35/15.88	9.52/15.88	9.52/15.88	9.52/15.88	9.52/15.88	9.52/15.88
Drain hose Diameter (I.D./O.D.)		mm	35.7/38.1	35.7/38.1	35.7/38.1	35.7/38.1	35.7/38.1	35.7/38.1
Max Pipe Length (Pre-Charge)		m	30 (15)	50 (20)	50 (20)	50 (20)	75 (30)	75 (30)
Max Height Difference		m	20	30	30	30	30	30
Operation Range	Cooling	°CDB	-10 to 46	-15 to 46	-15 to 46	-15 to 46	-15 to 46	-15 to 46
	Heating		-15 to 24	-15 to 24	-15 to 24	-15 to 24	-15 to 24	-15 to 24
Refrigerant	Type (Global Warming Potential)		R410A (2,088)	R410A (2,088)	R410A (2,088)	R410A (2,088)	R410A (2,088)	R410A (2,088)
	Charge	kg(CO2eq-T)	1.70 (3.5)	2.10 (4.4)	2.10 (4.4)	3.35 (7.0)	3.45 (7.2)	3.45 (7.2)

Optional parts

Wired Remote Controller: UTY-RNNYM, UTY-RVNYM
Simple Remote Controller: UTY-RSNYM
Flange (Round): UTD-RF204
Flange (Square): UTD-SF045T
Long Life Filter: UTD-LF25NA
Remote Sensor Unit: UTY-XSZX
Drain Pump Unit: UTZ-PX1NBA
IR Receiver Kit: UTY-LRHYM
External connect kit: UTD-ECCSA

Dimensions

(Unit : mm)



High Static Pressure Duct

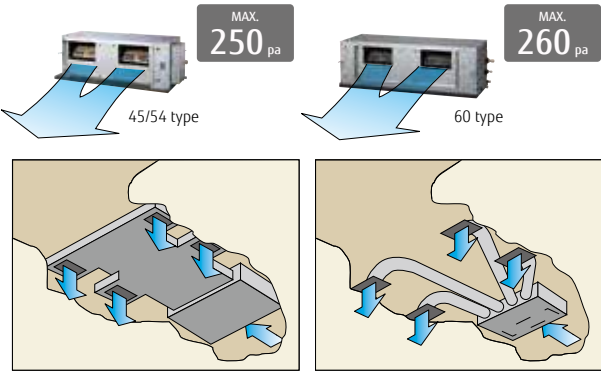


Features

High energy efficiency

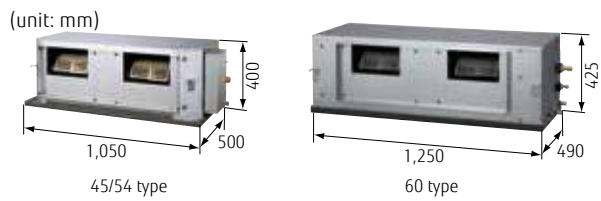
Significantly greater efficiency is realized by using all DC inverter technology. (60 type)

Design also corresponding to high static pressure



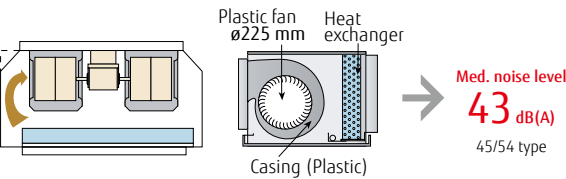
Easy installation
(Compact size & Lightweight)

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

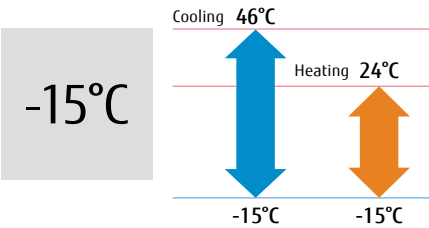


Low noise

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



Low ambient operation



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



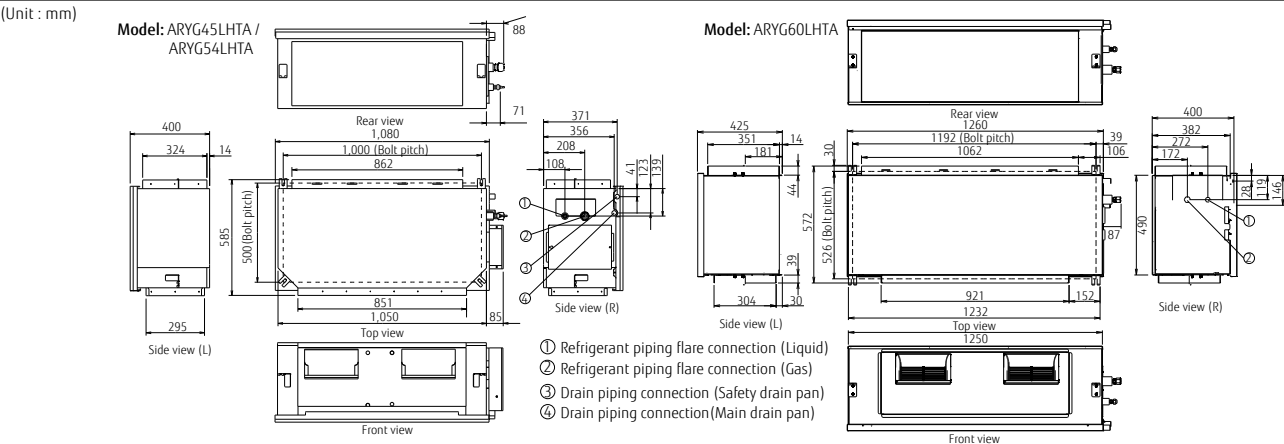
Specifications

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)
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
Max. Operating Current	Cooling/Heating	A	22.5/22.5	23.5/23.5	11.0/11.0	12.0/12.0	12.5 /12.5
Moisture Removal		l/h	1.5	2.0	1.5	2.5	2.0
Sound Pressure	Indoor (Cooling)	H/M/L/Q	47/43/40/-	47/43/40/-	47/43/40/-	47/43/40/-	45/40/36/-
	Indoor (Heating)	H/M/L/Q	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	m³/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	Indoor	mm	400×1050×500	400×1050×500	400×1050×500	400×1050×500	425×1250×490
H x W x D		kg(lbs)	46 (101)	46 (101)	46 (101)	46 (101)	54 (119)
Weight		mm	1290×900×330	1290×900×330	1290×900×330	1290×900×330	1290×900×330
	Outdoor	kg(lbs)	86 (189)	86 (189)	104 (229)	104 (229)	104 (229)
Connection Pipe Diameter (Liquid / Gas)		mm	9.52/15.88	9.52/15.88	9.52/15.88	9.52/15.88	9.52/15.88
Drain hose Diameter (I.D./O.D.)		mm	23.4/25.4	23.4/25.4	23.4/25.4	23.4/25.4	23.4/25.4
Max Pipe Length (Pre-Charge)		m	50 (20)	50 (20)	75 (30)	75 (30)	75 (30)
Max Height Difference			30	30	30	30	30
Operation Range	Cooling	°CDB	-15 to 46	-15 to 46	-15 to 46	-15 to 46	-15 to 46
	Heating		-15 to 24	-15 to 24	-15 to 24	-15 to 24	-15 to 24
Refrigerant	Type (Global Warming Potential)		R410A (2,088)	R410A (2,088)	R410A (2,088)	R410A (2,088)	R410A (2,088)
	Charge	kg(CO2eq-T)	3.35 (7.0)	3.35 (7.0)	3.45 (7.2)	3.45 (7.2)	3.45 (7.2)

Optional parts

- Wired Remote Controller: UTY-RNNYM, UTY-RVNYM
Simple Remote Controller: UTY-RSNNYM
Long-Life Filter: UTD-LF60KA (For ARYG45/54LHTA only)
Remote Sensor Unit: UTY-XSZX
IR Receiver Kit: UTY-LRHYM(For ARYG60LHTA only)
External connect kit: UTD-ECS5A, UTY-XWZXZ3

Dimensions



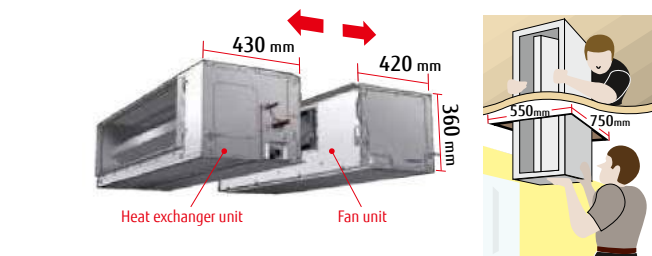
Big Duct



Features

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.



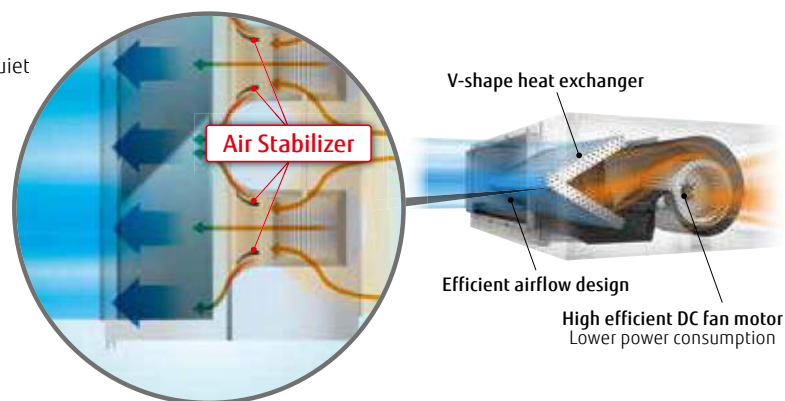
Automatic Airflow adjustment function

This function can set the optimum airflow automatically, so installation time is shortened drastically.



Quiet operation

The combination of the V-shaped heat exchanger, air stabilizer, and the high efficient DC fan motor allowed quiet operation despite of the 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)	
Input Power	Cooling/Heating		kW		6.46 / 6.59	
EER	Cooling		W/W		2.94	
COP	Heating		W/W		3.4	
Max. Operating Current	Indoor(Cooling/Heating)		A	3.2/3.2		
	Outdoor(Cooling/Heating)			11.2/11.5		
Moisture Removal			l/h		4.5	
Sound Pressure	Indoor (Cooling)	H/M/L/Q	dB(A)	46/43/41/39		
	Indoor (Heating)	H/M/L/Q		47/44/42/40		
	Outdoor(Cooling/Heating)	High		46/43/41/39		
Airflow Rate	Indoor / Outdoor	High	55/55			
Static pressure range (Standard)			m³/h		4300/8400	
			Pa		50 to 150 (72)	
Net Dimensions H x W x D	Indoor		mm		360×1400×850	
			kg(lbs)		69 (152)	
Weight	Outdoor		mm		1428×1080×480	
			kg(lbs)		165 (363)	
Connection Pipe Diameter (Liquid / Gas)			mm		12.7/25.4	
Drain Hose Diameter (I.D./O.D.)			mm		23.4/25.4	
Max Pipe Length (Pre-Charge)			m		100 (30)	
Height Difference			m		30	
Operation Range	Cooling		°CDB	-15 to 46		
	Heating			-20 to 24		
Refrigerant	Type (Global Warming Potential)		R410A (2,088)			
	Charge	kg(CO2eq-T)	5.6 (11.7)			
			7.1 (14.8)			

Optional parts

Wired Remote Controller: UTY-RNRYZ2, UTY-RLRY, UTY-RVNYM, UTY-RNNYM

Simple Remote Controller: UTY-RSRY, UTY-RHRY, UTY-RSNYN

IR Receiver Unit: UTY-LBTYM

Remote Sensor Unit: UTY-XSZX

External Connect Kit: UTY-XWZXZG

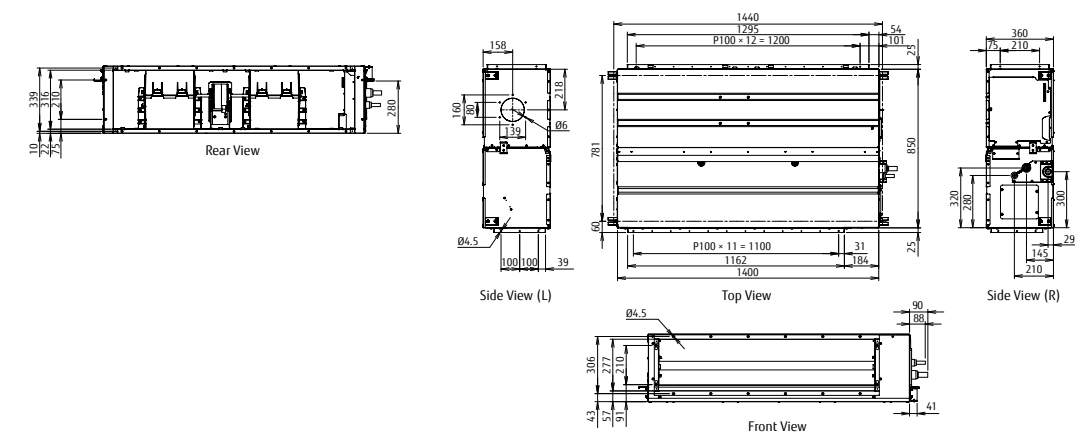
External Input and Output PCB: UTY-XCSX

Drain Pump Unit: UTZ-PX1NAB

Long Life filter: UTD-LFKA

Dimensions

(Unit : mm)



Floor/Ceiling Comfort & Dual Design



Features

Flexible installation

Example for floor installation

Floor console



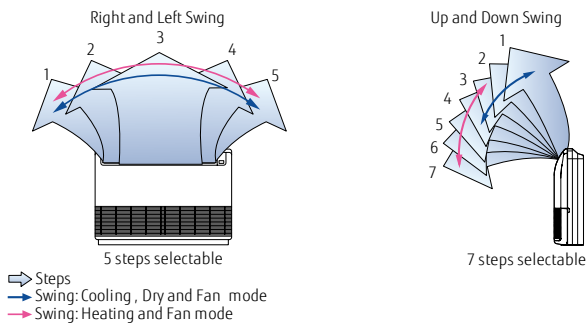
Example for ceiling installation

Under ceiling



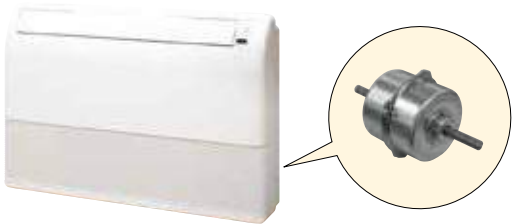
Double auto swing

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

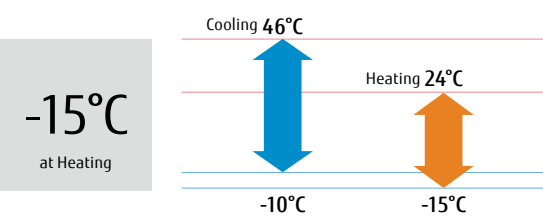


High power DC fan motor

- 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)		
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		
Max. Operating Current	Cooling/Heating	A	9.0/12.5		12.0/13.5		
Annual Energy Consumption	Cooling	kWh/a	298		425		
	Heating		1819		2150		
Moisture Removal		l/h	2.0		2.7		
Sound Pressure Level	Indoor (Cooling)	H/M/L/Q	dB(A)	43/40/34/31		48/44/40/35	
	Indoor (Heating)	H/M/L/Q		43/40/34/31		48/44/40/35	
	Outdoor(Cooling/Heating)	High		50/50		52/53	
Sound Power Level	Indoor(Cooling/Heating)	High		57/57		61/61	
	Outdoor(Cooling/Heating)	High		62/65		67/70	
Airflow Rate	Indoor / Outdoor	High	m³/h	780/2000		980/2470	
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)	
Connection Pipe Diameter (Liquid / Gas)			mm	6.35/12.70		6.35/15.88	
Drain hose Diameter (I.D./O.D.)				25/32		25/32	
Max Pipe Length (Pre-Charge)			m	25 (15)		30 (15)	
Max Height Difference				15		20	
Operation Range	Cooling	°CDB	-10 to 46		-10 to 46		
	Heating		-15 to 24		-15 to 24		
Refrigerant	Type (Global Warming Potential)		R410A (2.088)		R410A (2.088)		
	Charge	kg(CO2eq-T)	1.25 (2.6)		1.70 (3.5)		

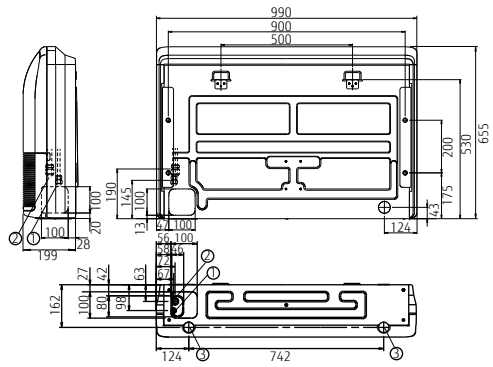
Optional parts

Wired Remote Controller: UTY-RNNYM, UTY-RVNYM

Simple Remote Controller: UTY-RSNYM

Dimensions

(Unit : mm)



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

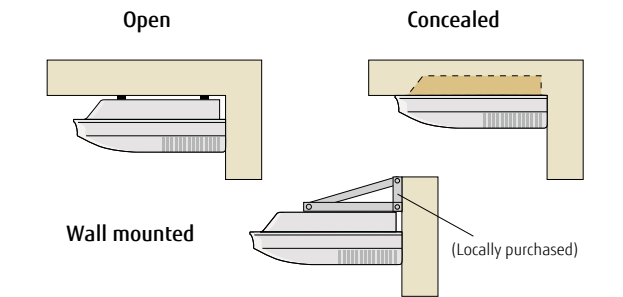
Ceiling Comfort for Large Room



Features

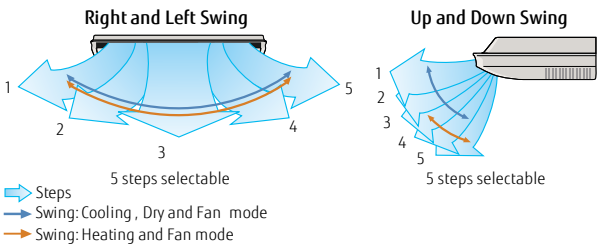
Flexible installation

Various installations are possible to match the room layout.

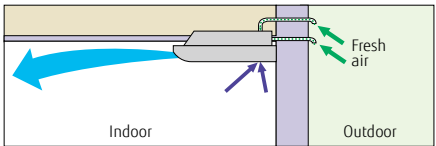


Multi auto swing

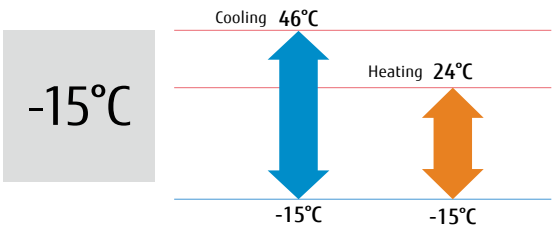
A combination of right/left and up/down directional swing allows 3-dimensional air direction control.



Fresh air intake



Low ambient operation



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

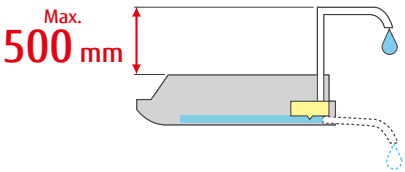


Specifications

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		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		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	-	10.0/10.0	-	-
SEER	Cooling	W/W	6.10	6.00	-	6.10	-	-
SCOP	Heating		4.20	4.10	-	4.10	-	-
Energy Efficiency Class	Cooling	A	A++	A+	-	A++	-	-
	Heating		A+	A+	-	A+	-	-
Max. Operating Current	Cooling/Heating	A	17.0/17.0	18.5/20.0	20.5/20.5	7.9/7.9	8.9/8.9	9.9/9.9
Annual Energy Consumption	Cooling	kWh/a	487	548	-	573	-	-
	Heating		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
Sound Power Level	Outdoor(Cooling/Heating)	High	53/55	54/55	55/55	51/53	54/54	55/56
	Indoor(Cooling/Heating)	High	57/60	60/61	-	61/61	-	-
Airflow Rate	Outdoor(Cooling/Heating)	High	68/69	69/70	-	67/69	-	-
	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
		kg(lbs)	46 (101)	46 (101)	46 (101)	46 (101)	46 (101)	48 (106)
Weight	Outdoor	mm	830×900×330	830×900×330	1290×900×330	1290×900×330	1290×900×330	1290×900×330
		kg(lbs)	61 (134)	61 (134)	86 (189)	104 (229)	104 (229)	104 (229)
Connection Pipe Diameter (Liquid / Gas)		mm	9.52/15.88	9.52/15.88	9.52/15.88	9.52/15.88	9.52/15.88	9.52/15.88
Drain port Diameter (I.D./O.D.)			22.0/25.6	22.0/25.6	22.0/25.6	22.0/25.6	22.0/25.6	22.0/25.6
Max Pipe Length (Pre-Charge)		m	50 (20)	50 (20)	50 (20)	75 (30)	75 (30)	75 (30)
Max Height Difference			30	30	30	30	30	30
Operation Range	Cooling	°CDB	-15 to 46	-15 to 46	-15 to 46	-15 to 46	-15 to 46	-15 to 46
	Heating		-15 to 24	-15 to 24	-15 to 24	-15 to 24	-15 to 24	-15 to 24
Refrigerant	Type (Global Warming Potential)		R410A (2,088)	R410A (2,088)	R410A (2,088)	R410A (2,088)	R410A (2,088)	R410A (2,088)
	Charge	kg(CO2eq-T)	2.10 (4.4)	2.10 (4.4)	3.35 (7.0)	3.45 (7.2)	3.45 (7.2)	3.45 (7.2)

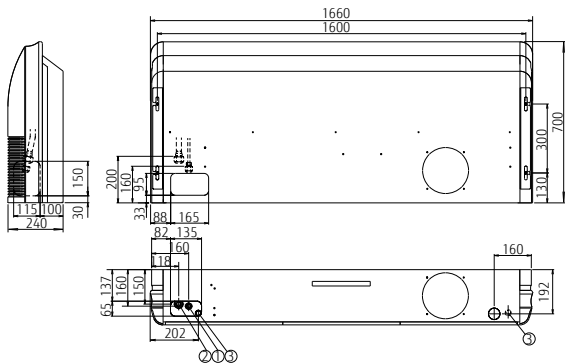
Optional parts

Wired Remote Controller: UTY-RNNYM, UTY-RVNYM
Simple Remote Controller: UTY-RSNYM
Drain Pump Unit: UTR-DPB24T
Flange: UTD-RF204



Dimensions

(Unit : mm)



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

Wall Mounted Standard Range New Design & Large Capacity



Features

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*

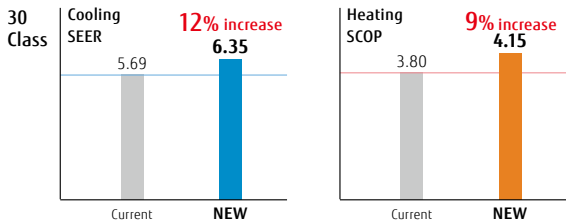
The following interlock operation is possible by connecting 2 indoor units with a cable. Cooling operation can be performed even in the low outdoor temperature and low humidity environment.

- **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

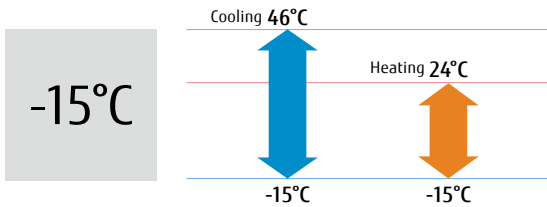
*2 x UTY-XWNX of optional parts are required.



High seasonal energy efficiency



Low ambient operation



Model: ASYG30LMTA / ASYG36LMTA



Specifications

Model No.	Indoor unit		ASYG30LMTA		ASYG36LMTA		
	Outdoor unit		AOYG30LMTA		AOYG36LMTA		
Power Source			Single-phase, ~230V, 50Hz				
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)		
Input Power	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	8.0/6.5		9.4/7.1		
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+		
Max. Operating Current	Cooling/Heating	A	14.5/14.5		19.0/19.0		
Annual Energy Consumption	Cooling	kWh/a	441		575		
	Heating		2,193		2,373		
Moisture Removal		l/h	2.7		3.7		
Sound Pressure Level	Indoor (Cooling)	H/M/L/Q	dB(A)	50/44/38/31		50/44/38/31	
	Indoor (Heating)	H/M/L/Q		49/44/39/31		49/44/39/31	
	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	m³/h	1380/3600		1380/3800	
Net Dimensions H x W x D	Indoor		mm	340×1150×280		340×1150×280	
		kg(lbs)	18 (40)		18 (40)		
Weight	Outdoor		mm	830×900×330		830×900×330	
		kg(lbs)	61 (134)		61 (134)		
Connection Pipe Diameter (Liquid / Gas)		mm	9.52/15.88		9.52/15.88		
Drain hose Diameter (I.D./O.D.)			13.8 / 15.8 to 16.7		13.8 / 15.8 to 16.7		
Max Pipe Length (Pre-Charge)		m	50 (20)		50 (20)		
Max Height Difference			30		30		
Operation Range	Cooling	°CDB	-15 to 46		-15 to 46		
	Heating		-15 to 24		-15 to 24		
Refrigerant	Type (Global Warming Potential)		R410A (2.088)		R410A (2.088)		
	Charge	kg(CO2eq-T)	2.10 (4.4)		2.10 (4.4)		

Optional parts

- Wired Remote Controller (Touch panel (two-wire)): UTY-RNRYZ1 + UTY-TWRX
Wired Remote Controller (High grade (three-wire)): UTY-RVNYM + UTY-XWNX
Wired Remote Controller (two-wire): UTY-RLRY + UTY-TWRX
Wired Remote Controller(three-wire): UTY-RNNYM + UTY-XWNX
Simple Remote Controller (three-wire): UTY-RSNYM, UTY-RSRY + UTY-XWNX
External input and output PCB (with box): UTY-XCSXZ1 + UTZ-GXXB
External Connect Kit: UTY-XWZX

Dimensions

(Unit : mm)

