

## SPLIT

## Wall Mounted Flagship Range

# nocria™X



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



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



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

### Filter Auto Clean



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



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

### Plasma Air Clean

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



### Human Sensor

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

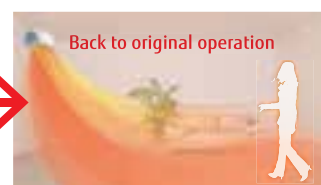


SEER

8.5

SCOP

5.1



Model: ASYG12KXCA



Wireless R.C.



Wireless LAN Interface

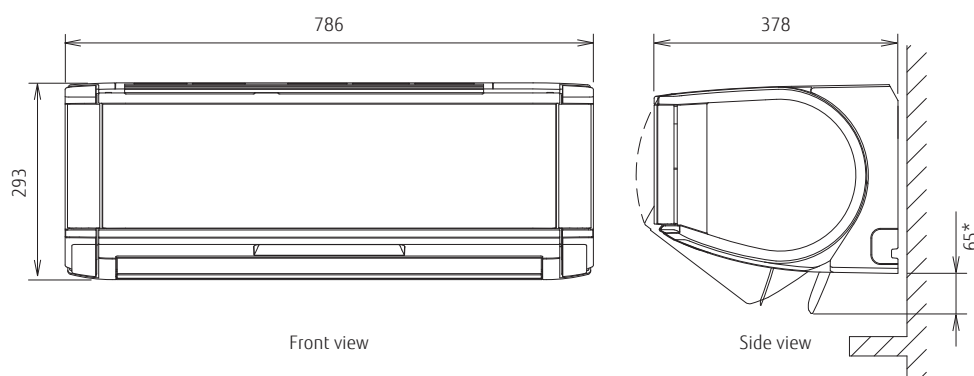


## Specifications

Specifications			Indoor unit		ASYG12KXCA	
Model No.	Outdoor unit		A0YG12KXCA			
Power Source			Single-phase, ~230V, 50Hz			
Capacity	Cooling	kW	3.4 (0.6-5.3)			
	Heating		5.0 (0.6-9.0)			
Input Power	Cooling/Heating	kW	0.670/1.020			
EER	Cooling	W/W	5.09			
COP	Heating		4.90			
Pdesign	Cooling/Heating(-10°C)	kW	3.4/3.5			
SEER	Cooling	W/W	8.50			
SCOP	Heating (Average)		5.10			
Energy Efficiency Class	Cooling		A+++			
	Heating (Average)		A+++			
Max. Operating Current	Cooling/Heating	A	9.0/16.0			
Annual Energy Consumption	Cooling	kWh/a	140			
	Heating		961			
Moisture Removal		l/h	1.2			
Sound Pressure Level	Indoor (Cooling)	H/M/L/Q	dB(A)	46/42/38/28		
	Indoor (Heating)	H/M/L/Q		48/43/39/30		
Sound Power Level	Outdoor(Cooling/Heating)	High		44/43		
	Indoor(Cooling/Heating)	High		58/62		
	Outdoor(Cooling/Heating)	High		57/57		
Airflow Rate	Indoor / Outdoor (Cooling)	High		m³/h	670/2,230	
	Indoor / Outdoor (Heating)		810/1,975			
Net Dimensions H x W x D	Indoor	mm	293×786×378			
	Outdoor	mm	704×820×315			
Weight	Indoor	kg(lbs)	20 (44)			
	Outdoor	kg(lbs)	41 (90)			
Connection Pipe Diameter (Liquid / Gas)		mm	6.35/9.52			
Drain hose Diameter (I.D./O.D.)			13.8 / 15.8 to 16.7			
Max Pipe Length (Pre-Charge)		m	15 (15)			
Max Height Difference			10			
Operation Range	Cooling	°CDB	-10 to 43			
	Heating		-15 to 24			
Refrigerant	Type (Global Warming Potential)		R32 (675)			
	Charge	kg(CO2eq-T)	1.30 (0.9)			

## Dimensions

(Unit : mm)



\*Dimensions in case of air flowing downward

## SPLIT

## Wall Mounted Designer Range

High Spec & Design



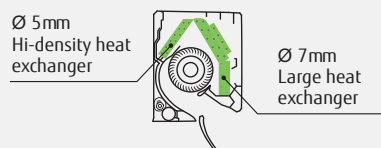
### High energy saving

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



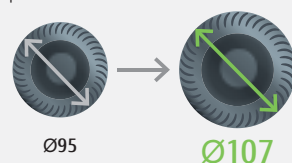
#### Hybrid-heat exchanger

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



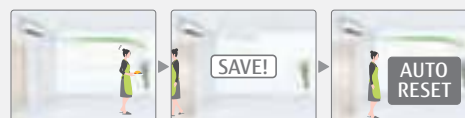
#### Ø107 Large cross-flow fan

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



#### Human sensor

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



### Comfortable airflow & Silent operation

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



**19dB(A)**  
(07/09/12 models)  
Cooling only

### Smart device Control (Option)

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



#### Wireless LAN Interface

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

Model: ASYG07KGTB / ASYG09KGTB / ASYG12KGTB / ASYG14KGTB



Wireless R.C.



## Specifications

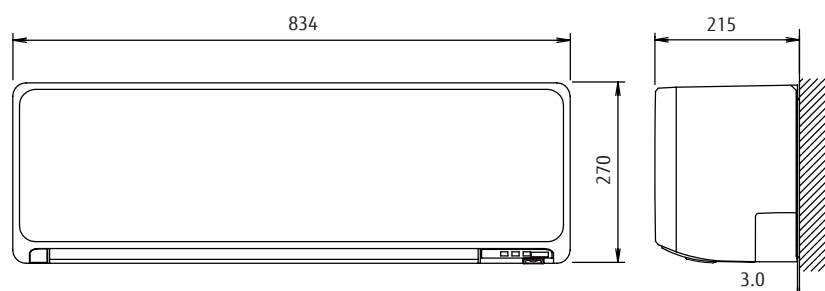
Model No.	Indoor unit		ASYG07KGTB	ASYG09KGTB	ASYG12KGTB	ASYG14KGTB
	Outdoor unit		AOYG07KGCA	AOYG09KGCA	AOYG12KGCA	AOYG14KGCA
Power Source	Single-phase, ~230V, 50Hz					
Capacity	Cooling	kW	2.0	2.5	3.4	4.2
	Heating	kW	2.5	2.8	4.0	5.4
Input Power	Cooling/Heating	kW	0.400/0.500	0.555/0.560	0.805/0.910	1.175/1.350
EER	Cooling		5.00	4.50	4.22	3.57
COP	Heating	W/W	5.00	5.00	4.40	4.00
Pdesign	Cooling/Heating(-10°C)	kW	2.0/2.3	2.5/2.4	3.4/2.5	4.2/4.0
SEER	Cooling	W/W	8.52	8.52	8.51	7.11
SCOP	Heating (Average)	W/W	5.12	5.11	5.10	4.31
Energy Efficiency Class	Cooling		A+++	A+++	A+++	A++
	Heating (Average)		A+++	A+++	A+++	A+
Max. Operating Current	Cooling/Heating	A	6.5/9.0	6.5/9.0	6.5/9.0	9.0/10.5
Annual Energy Consumption	Cooling	kWh/a	82	103	140	207
	Heating	kWh/a	628	658	685	1,298
Moisture Removal		l/h	1.0	1.3	1.8	2.1
Sound Pressure Level	Indoor (Cooling)	H/M/L/Q	38/33/29/19	40/34/29/19	40/35/30/19	43/36/30/20
	Indoor (Heating)	H/M/L/Q	41/35/31/21	42/36/31/21	42/38/33/21	44/39/33/24
	Outdoor(Cooling/Heating)	High	46/46	46/48	50/50	50/50
Sound Power Level	Indoor(Cooling/Heating)	High	54/56	55/57	56/58	57/59
	Outdoor(Cooling/Heating)	High	61/62	61/63	65/66	65/66
	Indoor / Outdoor (Cooling)	High	650/1,610	700/1,610	700/1,680	770/1,680
Airflow Rate	Indoor / Outdoor (Heating)	High	720/1,560	750/1,610	770/1,580	800/1,580
	Indoor / Outdoor (Cooling)	High	720/1,560	750/1,610	770/1,580	800/1,580
Net Dimensions H x W x D	Indoor	mm	270×834×215	270×834×215	270×834×215	270×834×215
Weight	Outdoor	mm	542×799×290	542×799×290	542×799×290	542×799×290
	Indoor	kg(lbs)	10 (22)	10 (22)	10 (22)	10 (22)
	Outdoor	kg(lbs)	30 (66)	30 (66)	31 (68)	32 (70)
Connection Pipe Diameter (Liquid / Gas)		mm	6.35/9.52			
Drain hose Diameter (I.D./O.D.)			13.8/15.8 to 16.7			
Max Pipe Length (Pre-Charge)		m	20 (15)			
Max Height Difference			15			
Operation Range	Cooling	°CDB	-10 to 46			
	Heating	°CDB	-15 to 24			
Refrigerant	Type (Global Warming Potential)		R32 (675)			
	Charge	kg(CO2eq-T)	0.75 (0.5)	0.75 (0.5)	0.85 (0.6)	0.85 (0.6)

## Optional parts

Wired Remote Controller: UTY-RNRYZ3, UTY-RLRY  
 Simple Remote Controller: UTY-RSRY, UTY-RHRY  
 External Input and Output PCB: UTY-XCSXZ2  
 Communication kit: UTY-TWRXZ2  
 Wireless LAN Interface: UTY-TFSKW1  
 External connect kit: UTY-XWZX

## Dimensions

(Unit : mm)



## SPLIT

## Wall Mounted Standard Range

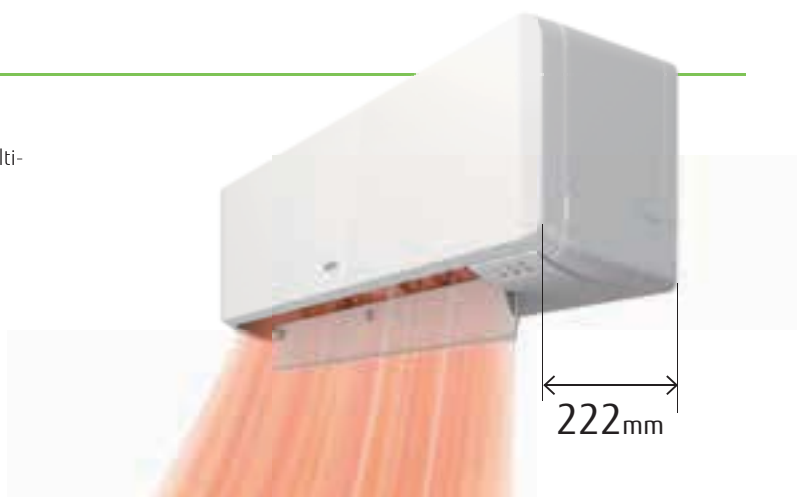
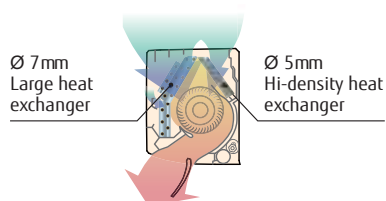
High Efficiency & Comfort



### Slim & stylish square design

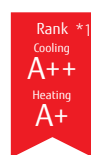
Slim and stylish square design is realized by high density multi-path heat exchanger and high efficiency wind blower.

#### Hybrid-heat exchanger



### High energy saving

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



SEER  
7.4<sup>\*1</sup>  
\*1: 07/09 models

SCOP  
4.4<sup>\*2</sup>  
\*2: 12 model

### Comfortable airflow & Silent operation

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



20dB(A)  
Cooling only

### Smart device Control (Option)

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



#### Wireless LAN Interface

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

Model: ASYG07KMTB / ASYG09KMTB / ASYG12KMTB / ASYG14KMTB



Wireless R.C.



For ASYG07/09/12KMTB



For ASYG14KMTB

## Specifications

Model No.	Indoor unit		ASYG07KMTB	ASYG09KMTB	ASYG12KMTB	ASYG14KMTB	
	Outdoor unit		AOYG07KMTA	AOYG09KMTA	AOYG12KMTA	AOYG14KMTA	
Power Source			Single-phase, ~230V, 50Hz				
Capacity	Cooling	kW	2.0 (0.9-3.0)	2.5 (0.9-3.2)	3.4 (0.9-3.9)	4.2 (0.9-4.4)	
	Heating		2.5 (0.9-3.4)	2.8 (0.9-4.0)	4.0 (0.9-5.3)	5.4 (0.9-6.0)	
Input Power	Cooling/Heating	kW	0.450/0.555	0.630/0.620	0.935/0.960	1.220/1.410	
EER	Cooling	W/W	4.43	3.97	3.65	3.44	
COP	Heating		4.52	4.52	4.17	3.83	
Pdesign	Cooling/Heating(-10°C)	kW	2.0/2.3	2.5/2.4	3.4/2.5	4.2/4.0	
SEER	Cooling	W/W	7.40	7.40	7.30	6.90	
SCOP	Heating (Average)		4.10	4.10	4.40	4.10	
Energy Efficiency Class	Cooling		A++	A++	A++	A++	
	Heating (Average)		A+	A+	A+	A+	
Max. Operating Current	Cooling/Heating	A	6.5/9.0	6.5/9.0	6.5/9.0	6.5/9.0	
Annual Energy Consumption	Cooling	kWh/a	95	118	163	213	
	Heating		785	819	795	1367	
Moisture Removal		l/h	1.0	1.3	1.8	2.1	
Sound Pressure Level	Indoor (Cooling)	H/M/L/Q	dB(A)	38/33/29/20	40/34/29/20	40/35/30/20	43/36/30/20
	Indoor (Heating)	H/M/L/Q		41/35/31/22	42/36/31/22	42/38/33/22	44/39/33/24
Outdoor(Cooling/Heating)	High	46/46		46/46	50/50	50/50	
Sound Power Level	Indoor(Cooling/Heating)	High		54/56	55/57	55/58	57/59
	Outdoor(Cooling/Heating)	High		61/61	61/62	65/65	65/66
Airflow Rate	Indoor / Outdoor (Cooling)	High		m³/h	650/1,650	700/1,650	700/1,700
	Indoor / Outdoor (Heating)	High	720/1,450		750/1,450	770/1,470	800/1,580
Net Dimensions H x W x D	Indoor	mm	270×834×222	270×834×222	270×834×222	270×834×222	
	Outdoor	mm	541×663×290	541×663×290	541×663×290	542×799×290	
Weight	Indoor	kg(lbs)	10 (22)	10 (22)	10 (22)	10 (22)	
	Outdoor	kg(lbs)	23 (51)	23 (51)	25 (55)	31 (68)	
Connection Pipe Diameter (Liquid / Gas)		mm	6.35/9.52	6.35/9.52	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	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 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)		R32 (675)	R32 (675)	R32 (675)	R32 (675)	
	Charge	kg(CO2eq-T)	0.6 (0.405)	0.6 (0.405)	0.7 (0.473)	0.85 (0.574)	

## Optional parts

Wired Remote Controller: UTY-RNNYM, UTY-RVNYM

Simple Remote Controller: UTY-RSNYM

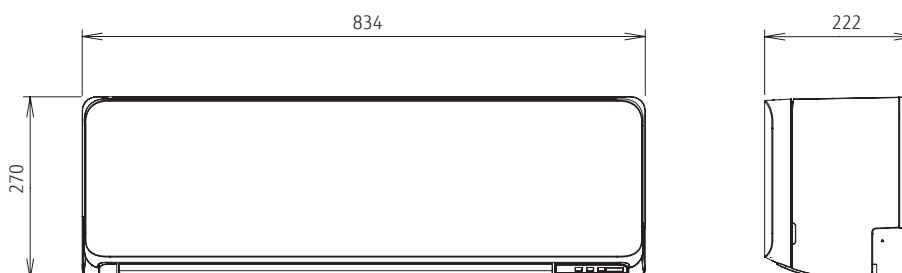
External connect kit: UTY-XWZX25

Communication kit: UTY-TWBXF2

Wireless LAN Interface: UTY-TFSXW1

## Dimensions

(Unit : mm)





SPLIT

NEW

# Wall Mounted Standard Range

High Efficiency & Large Room



## High energy saving

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

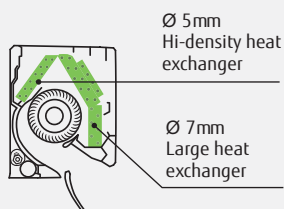


SEER 7.7<sup>\*1</sup> SCOP 4.5<sup>\*1</sup>

\*1: 18 model

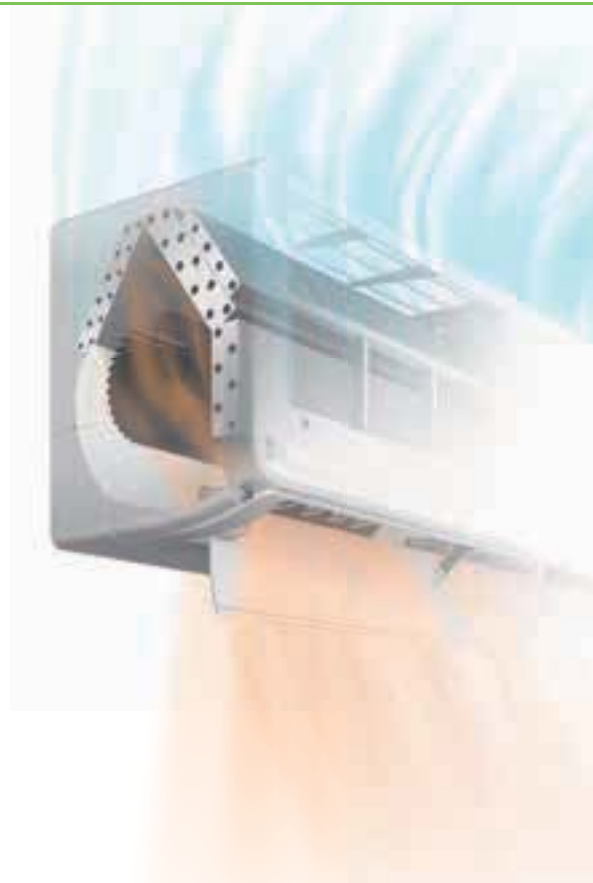
### Hybrid-heat exchanger

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



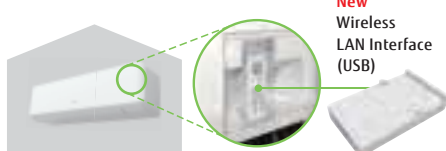
### Ø107 Large cross-flow fan

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



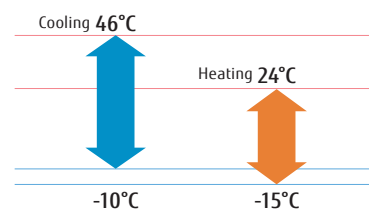
## Smart device Control (Option)

This model can be controlled from anywhere using smart device by installing optional wireless LAN interface. Wireless LAN interface can be installed easily without specialized installation work.



## Low ambient operation

-15°C  
at Heating



## Model: ASYG18KMTA / ASYG24KMTA



For ASYG18KMTA

For ASYG24KMTA

## Specifications

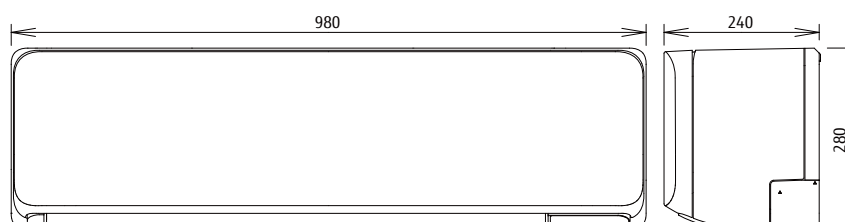
Model No.	Indoor unit		ASYG18KMTA		ASYG24KMTA	
	Outdoor unit		AOYG18KMTA		AOYG24KMTA	
Power Source			Single-phase, ~230V, 50Hz			
Capacity	Cooling	kW	5.2(0.9-6.0)		7.1(0.9-8.3)	
	Heating		6.3(0.9-8.7)		8.0(0.9-10.1)	
Input Power	Cooling/Heating	kW	1.39/1.56		2.08/1.91	
EER	Cooling	W/W	3.74		3.41	
COP	Heating		4.04		4.19	
Pdesign	Cooling/Heating(-10°C)	kW	5.2/4.8		7.1/7.1	
SEER	Cooling	W/W	7.77		7.28	
SCOP	Heating (Average)		4.56		4.18	
Energy Efficiency Class	Cooling		A++		A++	
	Heating (Average)		A+		A+	
Max. Operating Current	Cooling/Heating	A	9.5/13.5		13.5/16.0	
Annual Energy Consumption	Cooling	kWh/a	234		341	
	Heating		1,472		2,372	
Moisture Removal			l/h		2.7	
Sound Pressure Level	Indoor (Cooling)	H/M/L/Q	45/40/35/29		49/40/35/29	
	Indoor (Heating)	H/M/L/Q	46/40/35/29		49/40/35/29	
	Outdoor(Cooling/Heating)	High	50/50		54/52	
Sound Power Level	Indoor(Cooling/Heating)	High	60/61		65/65	
	Outdoor(Cooling/Heating)	High	65/65		67/66	
Airflow Rate	Indoor / Outdoor (Cooling)	High	980/2,346		1,170/3,240	
	Indoor / Outdoor (Heating)	High	1,020/2,100		1,170/2,820	
Net Dimensions H x W x D	Indoor	mm	280 × 980 × 240		280 × 980 × 240	
	Outdoor	mm	632 × 799 × 290		716 × 820 × 315	
Weight	Indoor	kg(lbs)	12.5		12.5	
	Outdoor	kg(lbs)	36(79)		42(93)	
Connection Pipe Diameter (Liquid / Gas)		mm	6.35 / 12.70		6.35 / 12.70	
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	25(15)		30(15)	
Max Height Difference			20		25	
Operation Range	Cooling	°CDB	-10 to 46		-10 to 46	
	Heating		-15 to 24		-15 to 24	
Refrigerant	Type (Global Warming Potential)		R32 (675)		R32 (675)	
	Charge	kg(CO2eq-T)	1.02(0.689)		1.32(0.891)	

## Optional parts

Wired Remote Controller: UTY-RNRYZ3, UTY-RLRY  
 Simple Remote Controller: UTY-RSRY, UTY-RHRY  
 External input and output PCB: UTY-XCSXZ2  
 External connect kit: UTY-XWZXZ5  
 Communication kit: UTY-TWRXZ2  
 Wireless LAN Interface: UTY-TFSXF2

## Dimensions

(Unit : mm)





## SPLIT

NEW

## Wall Mounted

ECO Range

Compact &amp; Comfort



## Slim &amp; stylish square design

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



## High energy saving

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



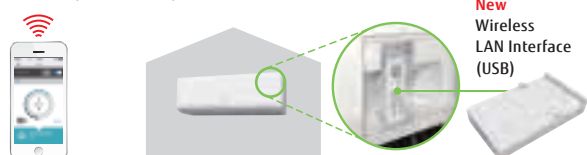
## Comfortable airflow &amp; Silent operation

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

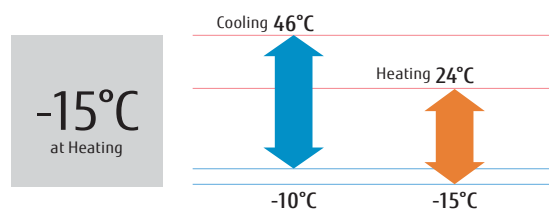


## Smart device Control (Option)

This model can be controlled from anywhere using smart device by installing optional wireless LAN interface. Wireless LAN interface can be installed easily without specialized installation work.



## Low ambient operation



Model: ASYG07KPCA / ASYG09KPCA / ASYG12KPCA



Wireless R.C.



## Specifications

Model No.	Indoor unit		ASYG07KPCA	ASYG09KPCA	ASYG12KPCA
	Outdoor unit		AOYG07KPCA	AOYG09KPCA	AOYG12KPCA
Power Source			Single-phase, ~230V, 50Hz		
Capacity	Cooling	kW	2.0 (0.9-2.8)	2.5 (0.9-3.0)	3.4 (0.9-3.7)
	Heating		2.5 (0.9-3.4)	2.8 (0.9-3.8)	3.8 (0.9-4.8)
Input Power	Cooling/Heating	kW	0.48/0.63	0.71/0.79	1.00/1.14
EER	Cooling	W/W	4.17	3.52	3.40
COP	Heating		3.97	3.54	3.33
Pdesign	Cooling/Heating(-10°C)	kW	2.0/2.2	2.5/2.4	3.4/2.5
SEER	Cooling	W/W	6.70	6.70	6.30
SCOP	Heating (Average)		4.00	4.00	4.10
Energy Efficiency Class	Cooling		A++	A++	A++
	Heating (Average)		A+	A+	A+
Max. Operating Current	Cooling/Heating	A	6.5/9.0	6.5/9.0	6.5/9.0
Annual Energy Consumption	Cooling	kWh/a	104	131	189
	Heating		769	840	853
Moisture Removal		l/h	1.0	1.3	1.8
Sound Pressure Level	Indoor (Cooling)	H/M/L/Q	dB(A)	45/38/31/22	46/40/33/22
	Indoor (Heating)	H/M/L/Q		45/40/36/26	46/40/35/27
	Outdoor (Cooling/Heating)	High		45/46	49/51
Sound Power Level	Indoor (Cooling/Heating)	High	57/58	57/58	59/59
	Outdoor (Cooling/Heating)	High	57/58	59/59	62/62
Airflow Rate	Indoor / Outdoor (Cooling)	High	m³/h	630/1,650	630/1,700
	Indoor / Outdoor (Heating)	High		630/1,450	630/1,470
Net Dimensions H x W x D	Indoor	mm	270x784x224	270x784x224	270x784x224
	Outdoor	mm	541x663x290	541x663x290	541x663x290
Weight	Indoor	kg(lbs)	8(18)	8(18)	8(18)
	Outdoor	kg(lbs)	23 (51)	23 (51)	25 (55)
Connection Pipe Diameter (Liquid / Gas)		mm	6.35/9.52	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	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 46	-10 to 46	-10 to 46
	Heating		-15 to 24	-15 to 24	-15 to 24
Refrigerant	Type (Global Warming Potential)		R32 (675)	R32 (675)	R32 (675)
	Charge	kg(CO2eq-T)	0.55 (0.371)	0.55 (0.371)	0.59 (0.398)

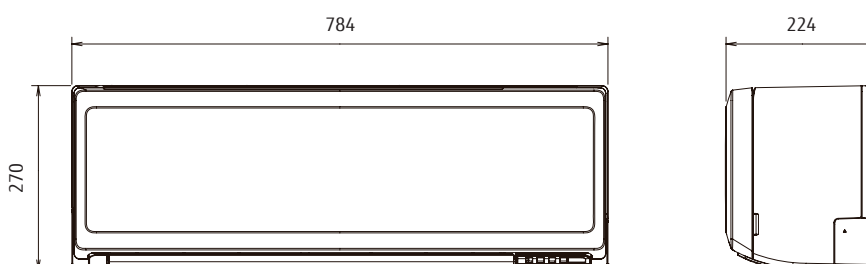
## Optional parts

Wireless LAN Interface: UTY-TFSXF2

Remote Controller Holder: UTZ-RXLA

## Dimensions

(Unit : mm)



## SPLIT

## Wall Mounted

### ECO Range

Comfort for Large Room



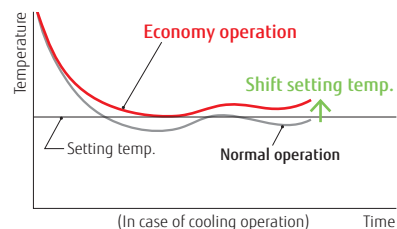
### Narrow width & Compact Design

High performance and compact design model. Powerful airflow is realized despite 790 mm width compact design for compact spaces such as bed room or home office.



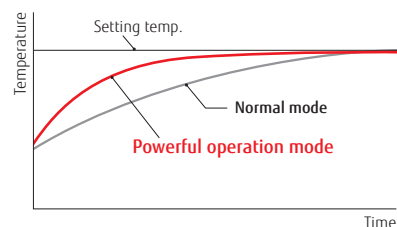
### Economy operation

Setting temperature is shifted by 1°C automatically. Thermostat setting automatically changes according to the temperature to avoid unnecessary cooling and heating.



### Powerful operation

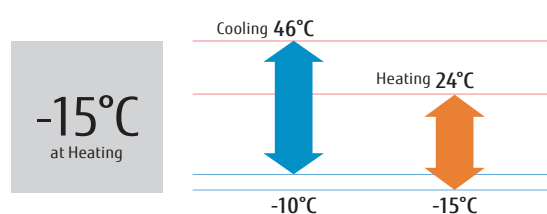
20 minutes continuous operation by maximum airflow and maximum compressor speed is possible. Rapid cooling and heating makes the room comfortable quickly.



### 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)

### Low ambient operation



## Model: ASYG18KLCA / ASYG24KLCA



Wireless R.C.



For ASYG18KLCA



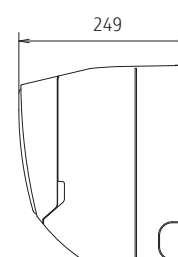
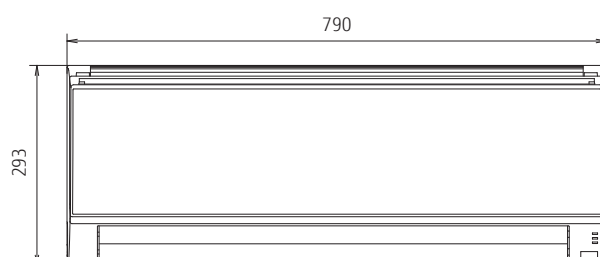
For ASYG24KLCA

## Specifications

Model No.			Indoor unit	ASYG18KLCA	ASYG24KLCA
			Outdoor unit	AOYG18KLTA	AOYG24KLTA
Power Source				Single-phase, ~230V, 50Hz	
Capacity	Cooling	kW	5.2(0.9~5.5)		7.1(0.9~7.7)
	Heating		6.3(0.6~7.67)		8.0(0.9~9.0)
Input Power	Cooling/Heating	kW	1.685/1.80		2.42/2.225
EER	Cooling	W/W	3.09		2.93
COP	Heating		3.50		3.60
Pdesign	Cooling/Heating(-10°C)	kW	5.20/4.80		7.10/7.10
SEER	Cooling	W/W	7.20		7.10
SCOP	Heating (Average)		4.30		4.00
Energy Efficiency Class	Cooling		A++		A++
	Heating (Average)		A+		A+
Max. Operating Current	Cooling/Heating	A	9.5/13.5		13.5/17.5
Annual Energy Consumption	Cooling	kWh/a	253		350
	Heating		1563		2485
Moisture Removal			l/h	1.9	3.1
Sound Pressure Level	Indoor (Cooling)	H/M/L/Q	dB(A)	47/44/40/35	51/45/38/33
	Indoor (Heating)	H/M/L/Q		50/45/41/37	52/45/41/37
Sound Power Level	Outdoor(Cooling/Heating)	High		50/56	55/57
	Indoor(Cooling/Heating)	High		60/65	64/65
	Outdoor(Cooling/Heating)	High		61/66	65/67
	Indoor / Outdoor (Cooling)	High		865/1,830	1,040/2,885
Airflow Rate	Indoor / Outdoor (Heating)	High	m³/h	995/2,265	1,040/3,030
	Net Dimensions H x W x D	Indoor	mm	293×790×249	293×790×249
Weight	Outdoor	mm	542×799×290	632×799×290	
	Weight	Indoor	kg(lbs)	9.5 (21)	10.0 (22)
Outdoor		kg(lbs)	33 (73)	38 (84)	
Connection Pipe Diameter (Liquid / Gas)			mm	6.35/9.52	6.35/12.70
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	25 (15)	30 (15)
Max Height Difference				20	25
Operation Range	Cooling	°CDB	-10 to 46		-10 to 46
	Heating		-15 to 24		-15 to 24
Refrigerant	Type (Global Warming Potential)		R32(675)		R32(675)
	Charge	kg(CO2eq-T)	0.85(0.574)		1.10(0.743)

## Dimensions

(Unit : mm)



## SPLIT

## Wall Mounted Designer Range

High Spec & Design



reddot design award  
winner 2012

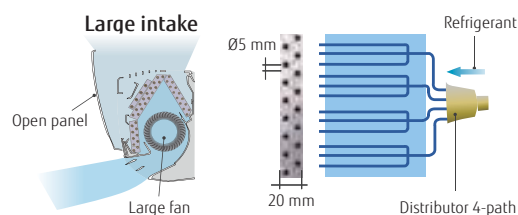


### Thin & Slim design

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



Big open panel and High density multi path heat exchanger



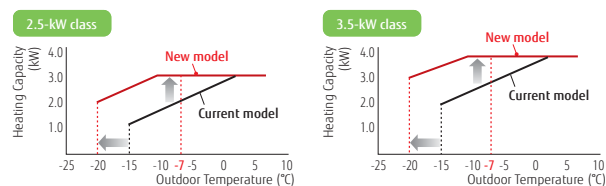
### Human sensor

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  $-7^{\circ}\text{C}$ . This new model can operate even at  $-20^{\circ}\text{C}$  low outdoor temperature.

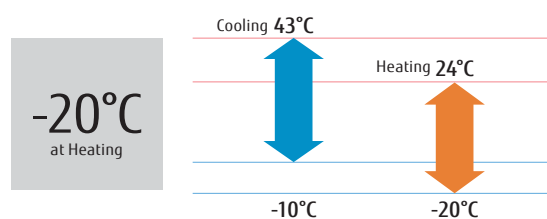


### 3 Mode timer (Weekly/Program/Sleep)

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**

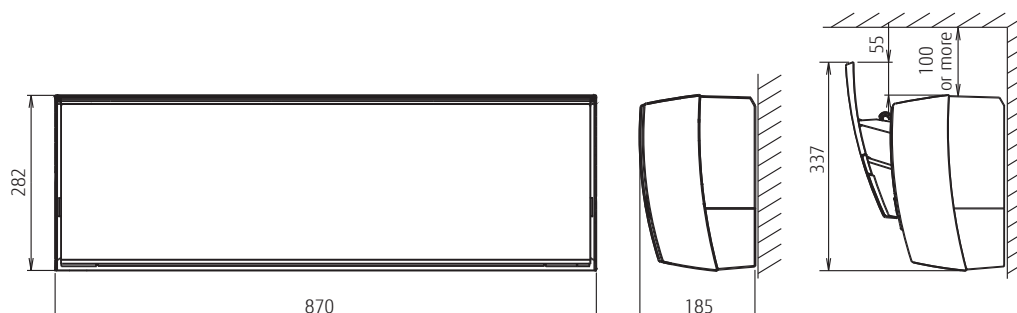
Model No.			Indoor unit	ASYG09LTCA	ASYG12LTCA
			Outdoor unit	AOYG09LTC	AOYG12LTC
Power Source				Single-phase, ~230V, 50Hz	
Capacity	Cooling	kW	2.5 (0.9-3.5)		3.5 (1.1-4.0)
	Heating		3.2 (0.9-5.4)		4.0 (0.9-6.5)
Input Power	Cooling/Heating	kW	0.505/0.660		0.850/0.910
EER	Cooling	W/W	4.95		4.12
COP	Heating		4.85		4.40
Pdesign	Cooling/Heating(-10°C)	kW	2.5/3.0		3.5/4.0
SEER	Cooling	W/W	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	A	6.5/9.0		9.0/10.5
Annual Energy Consumption	Cooling	kWh/a	103		144
	Heating		912		1,217
Moisture Removal			l/h	1.3	1.8
Sound Pressure Level	Indoor (Cooling)	H/M/L/Q	dB(A)	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
	Outdoor(Cooling/Heating)	High		63/65	64/65
Airflow Rate	Indoor / Outdoor (Cooling)	High	m³/h	800/1,700	850/2,050
	Indoor / Outdoor (Heating)	High		800/1,700	850/2,000
Net Dimensions H x W x D	Indoor	mm	282×870×185	282×870×185	
	Outdoor	mm	540×790×290	620×790×290	
Weight	Indoor	kg(lbs)	9.5 (21)	9.5 (21)	
	Outdoor	kg(lbs)	33 (73)	40 (88)	
Connection Pipe Diameter (Liquid / Gas)			mm	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)			m	20 (15)	20 (15)
Max Height Difference				15	15
Operation Range	Cooling	°CDB	-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	kg(CO2eq-T)	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-TWBXF2  
Wireless LAN Interface: UTY-TFNXZ1  
External Connect Kit: UTY-XWZXZ5

**Dimensions**

(Unit : mm)





## Wall Mounted Designer Range High COP



reddot design award  
winner 2012

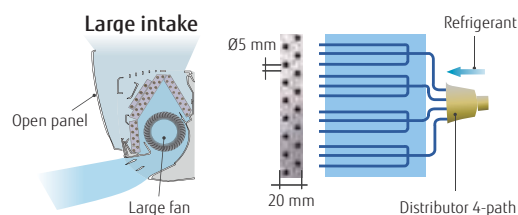


### Thin & Slim design

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

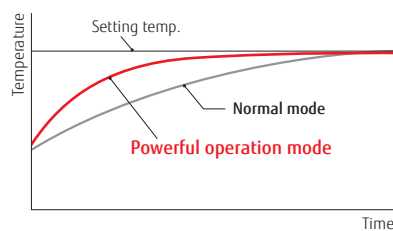


Big open panel and High density multi path heat exchanger



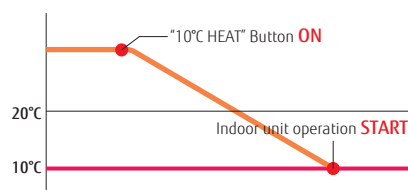
### Powerful operation

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



### 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.

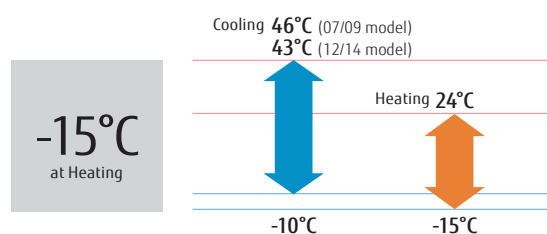


### 3 Mode timer (Weekly/Program/Sleep)

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: ASYG07LUCA / ASYG09LUCA / ASYG12LUCA / ASYG14LUCA



Wireless R.C.



For ASYG07/09LUCA



For ASYG12/14LUCA

## Specifications

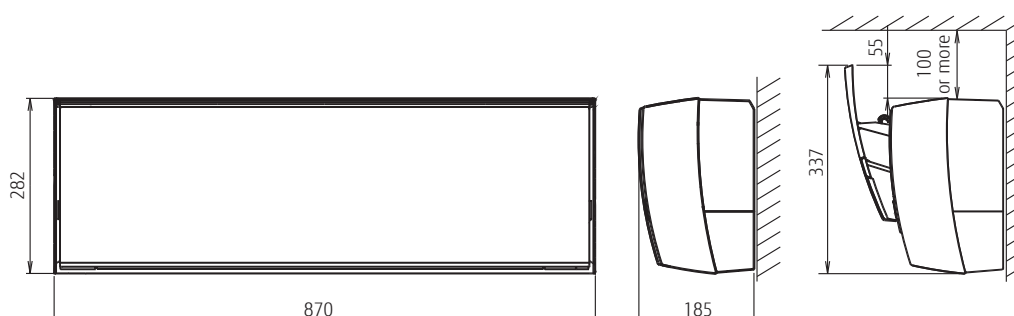
Model No.	Indoor unit		ASYG07LUCA	ASYG09LUCA	ASYG12LUCA	ASYG14LUCA	
	Outdoor unit		AOYG07LUCA	AOYG09LUCB	AOYG12LUC	AOYG14LUC	
Power Source			Single-phase, ~230V, 50Hz				
Capacity	Cooling	kW	2.0 (0.5-3.0)	2.5 (0.5-3.2)	3.5 (0.9-4.0)	4.2 (0.9-5.0)	
	Heating		3.0 (0.5-4.0)	3.2 (0.5-4.2)	4.0 (0.9-5.6)	5.4 (0.9-6.0)	
Input Power	Cooling/Heating	kW	0.460/0.740	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		4.05	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)		4.02	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	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	dB(A)	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 (Cooling)	High	m³/h	680/1,720	800/1,720	850/1,940	900/1,940
	Indoor / Outdoor (Heating)	High		710/1,510	800/1,510	850/1,700	950/1,700
Net Dimensions H x W x D	Indoor	mm	282×870×185	282×870×185	282×870×185	282×870×185	
	Outdoor	mm	540×660×290	540×660×290	540×790×290	540×790×290	
Weight	Indoor	kg(lbs)	9.5 (21)	9.5 (21)	9.5 (21)	9.5 (21)	
	Outdoor	kg(lbs)	23 (51)	25 (55)	33 (73)	34 (75)	
Connection Pipe Diameter (Liquid / Gas)			6.35/9.52	6.35/9.52	6.35/9.52	6.35/12.70	
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)			20 (15)	20 (15)	20 (15)	20 (15)	
Max Height Difference			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-TWBXF2  
Wireless LAN Interface: UTY-TFNXZ1  
External Connect Kit: UTY-XWZXZ5

## Dimensions

(Unit : mm)



SPLIT

# Wall Mounted Standard Range

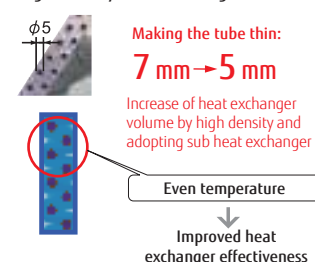
High Efficiency & Comfort



## High efficient compact design



### High density heat exchanger



## More comfort airflow



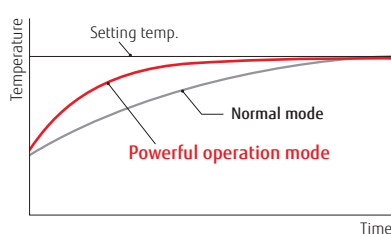
Vertical airflow provides powerful floor level heating



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

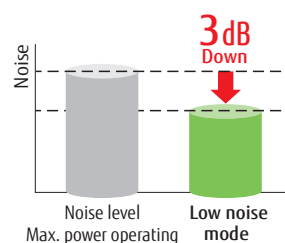
## Powerful operation

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



## Low noise mode for outdoor unit

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



Model: ASYG07LMCE / ASYG09LMCE / ASYG12LMCE / ASYG14LMCE



Wireless R.C.



For ASYG07/09/12LMCE



For ASYG14LMCE

## Specifications

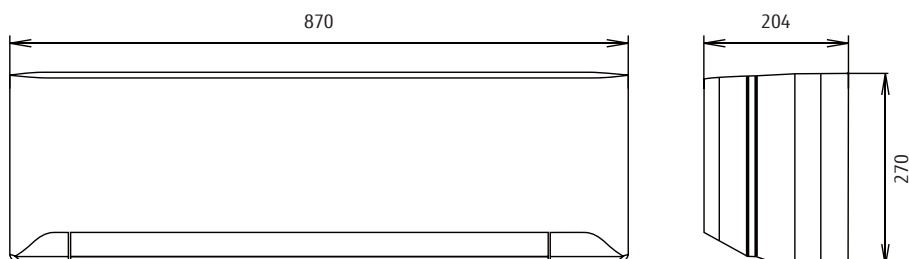
Model No.	Indoor unit		ASYG07LMCE	ASYG09LMCE	ASYG12LMCE	ASYG14LMCE
	Outdoor unit		AOYG07LMCE	AOYG09LMCE	AOYG12LMCE	AOYG14LMCE
Power Source			Single-phase, ~230V, 50Hz			
Capacity	Cooling	kW	2.0(0.5-3.0)	2.5(0.5-3.2)	3.4(0.9-3.9)	4.0(0.9-4.4)
	Heating	kW	3.0(0.5-3.4)	3.2(0.5-4.0)	4.0(0.9-5.3)	5.0(0.9-6.0)
Input Power	Cooling/Heating	kW	0.465/0.685	0.65/0.73	0.97/1.02	1.135/1.365
EER	Cooling	W/W	4.30	3.85	3.50	3.52
COP	Heating		4.38	4.38	3.92	3.66
Pdesign	Cooling/Heating(-10°C)	kW	2.0/2.3	2.5/2.4	3.4/3.5	4.0/3.9
SEER	Cooling	W/W	6.80	7.00	7.00	6.90
SCOP	Heating (Average)		4.10	4.10	4.00	4.00
Energy Efficiency Class	Cooling		A++	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	1,225	1,365
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
	Outdoor(Cooling/Heating)	High	45/45	45/45	50/50	50/50
Sound Power Level	Indoor(Cooling/Heating)	High	59/59	59/59	59/59	60/60
	Outdoor(Cooling/Heating)	High	58/56	58/56	61/61	65/65
Airflow Rate	Indoor / Outdoor (Cooling)	High	750/1,670	750/1,670	750/1,830	770/1,940
	Indoor / Outdoor (Heating)	High	750/1,470	750/1,470	750/1,600	770/1,700
Net Dimensions H x W x D	Indoor	mm	270×870×204	270×870×204	270×870×204	270×870×204
	Outdoor	mm	535×663×293	535×663×293	535×663×293	540×790×290
Weight	Indoor	kg(lbs)	8.5(19)	8.5(19)	8.5(19)	8.5(19)
	Outdoor	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	6.35/12.70
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-XCBXZ2  
Wireless LAN Interface: UTY-TFNXZ1  
External Connect kit: UTY-XWZXZ5

## Dimensions

(Unit : mm)



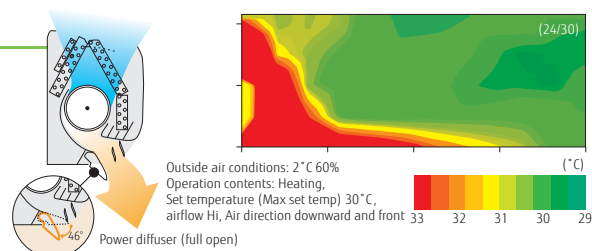
SPLIT

# Wall Mounted Standard Range

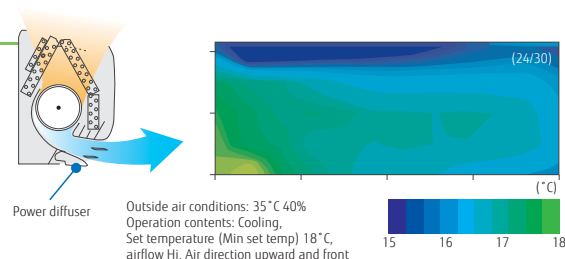
Comfort for Large Room



## "Vertical airflow" provides powerful floor level heating

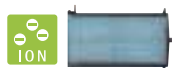


## "Horizontal airflow" does not blow cool air directly at the occupants in the room



## Air conditioner filter features

Using different filters at both sides



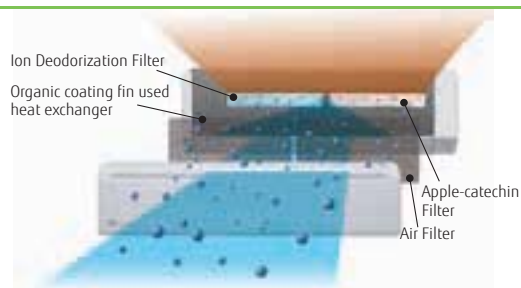
### Ion Deodorization Filter

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

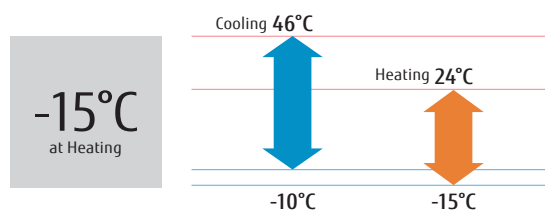
The Apple-catechin filter uses static electricity to clean fine particles and dust in the air.



## Flexible Installation

	18 model	24 model	30 model
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	AOYG24LFC	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		3.42	3.23	3.21
COP	Heating	W/W	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		6.94	6.11	5.69
SCOP	Heating (Average)	W/W	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		2,130	2,610	2,941
Moisture Removal		l/h	2.6	2.7	3.2
Sound Pressure Level	Indoor (Cooling)	H/M/L/Q	43/37/33/26	49/42/37/32	48/42/37/33
	Indoor (Heating)	H/M/L/Q			
	Outdoor (Cooling/Heating)	High			
Sound Power Level	Indoor (Cooling/Heating)	High	50/51	55/56	53/56
	Outdoor (Cooling/Heating)	High	58/58	64/64	64/64
	Outdoor (Cooling/Heating)	High	65/-	68/-	68/-
Airflow Rate	Indoor / Outdoor (Cooling)	High	900/2,150	1,120/2,460	1,100/3,600
	Indoor / Outdoor (Heating)	High	900/2,070	1,120/2,340	1,150/3,600
Net Dimensions H x W x D	Indoor	mm	320×998×238	320×998×238	320×998×238
	Outdoor	mm	620×790×290	620×790×290	830×900×330
Weight	Indoor	kg(lbs)	14 (31)	14 (31)	14 (31)
	Outdoor	kg(lbs)	41 (90)	41 (90)	61 (135)
Connection Pipe Diameter (Liquid / Gas)		mm	6.35/12.70	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

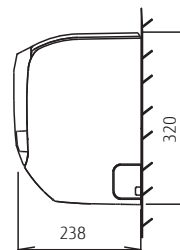
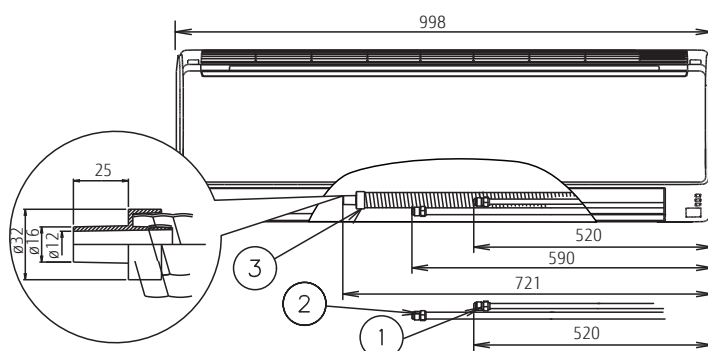
Simple Remote Controller: UTY-RSNYM

Wireless LAN Interface: UTY-TFNXZ1

External Connect Kit: UTY-XWZX

## Dimensions

(Unit : mm)



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



## SPLIT

# Wall Mounted Standard Range

Comfort for Large Room



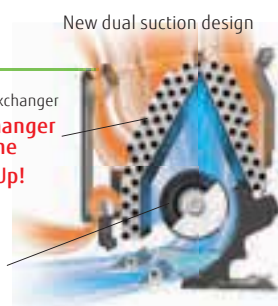
## Large Capacity & Powerful airflow

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



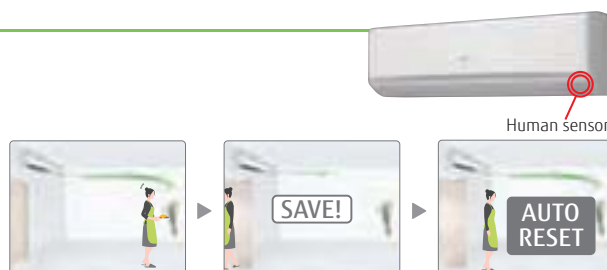
Large heat exchanger  
Heat exchanger  
volume  
37% Up!

Long cross-flow fan and High  
output DC fan motor



## Human sensor

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

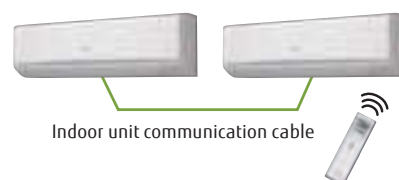


## Server room function\*

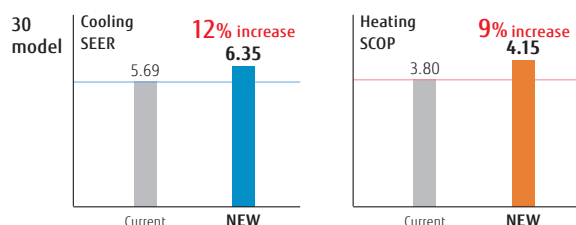
The following interlock operation is possible by connecting 2 indoor units with a cable. Cooling operation can be performed even in the low outdoor temperature and low humidity environment.

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

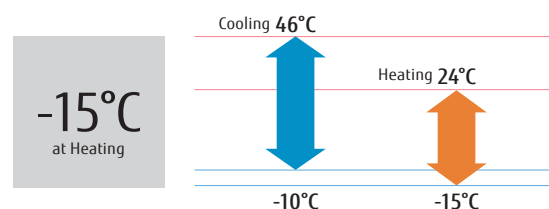
\*2 x UTY-XWNX of optional parts are required.



## High seasonal energy efficiency



## Low ambient operation



**Model: ASYG30LMTA / ASYG36LMTA**


Wireless R.C.


**Specifications**

Model No.			Indoor unit	ASYG30LMTA	ASYG36LMTA	
			Outdoor unit	AOYG30LMTA	AOYG36LMTA	
Power Source				Single-phase, ~230V, 50Hz		
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		49/44/39/33		49/44/39/33
Sound Power Level	Outdoor(Cooling/Heating)	High		52/55		55/56
	Indoor(Cooling/Heating)	High		65/65		65/65
	Outdoor(Cooling/Heating)	High		67/68		68/70
Airflow Rate	Indoor / Outdoor (Cooling)	High		m³/h	1,380/3,600	
	Indoor / Outdoor (Heating)	High	1,380/3,600		1,380/3,800	
Net Dimensions H x W x D	Indoor	mm	340×1,150×280		340×1,150×280	
	Outdoor	mm	830×900×330		830×900×330	
Weight	Indoor	kg(lbs)	18 (40)		18 (40)	
	Outdoor	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:	UTY-RNRYZ3, UTY-RVNYM, UTY-RLRY, UTY-RNNYM
Simple Remote Controller:	UTY-RSRY, UTY-RSNYM, UTY-RSRY
Communication kit:	UTY-TWRX, UTY-XWNX
External input and output PCB (with box):	UTY-XCSXZ2 + UTZ-GXXB
Wireless LAN Interface:	UTY-TFNXZ1
External Connect Kit:	UTY-XWZX

**Dimensions**

(Unit : mm)

