

Wall Mounted Flagship Series

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.

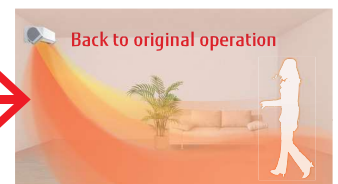


Human Sensor

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

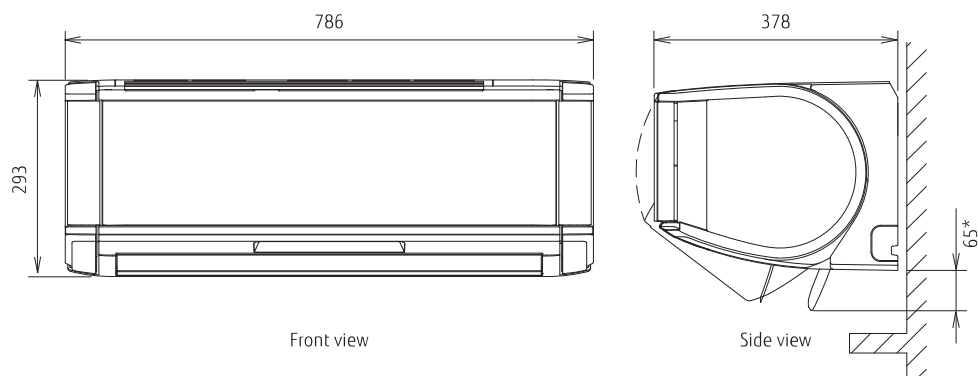


Specifications

Model No.	Indoor unit		Outdoor unit		ASYG12KXCA
	Outdoor unit				AOYG12KXCA
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	
	Outdoor(Cooling/Heating)	High		44/43	
Sound Power Level	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.)				11.8/15.0 to 16.8	
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 (0.878)		

Dimensions

(Unit : mm)



*Dimensions in case of air flowing downward

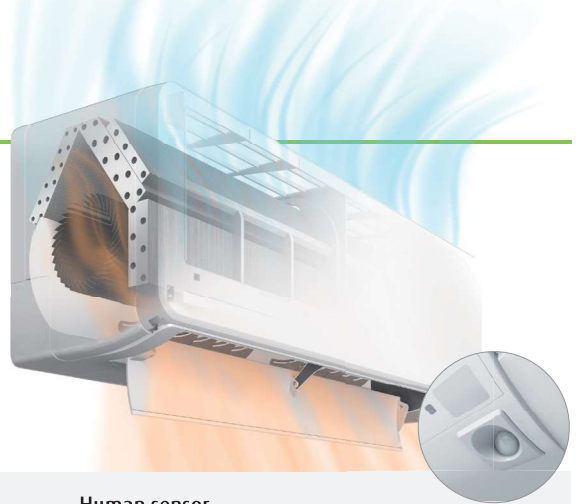
Wall Mounted Designer Series

High Spec & Design



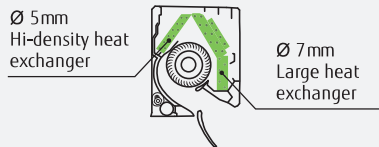
High energy saving

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



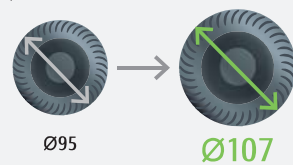
Hybrid-heat exchanger

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



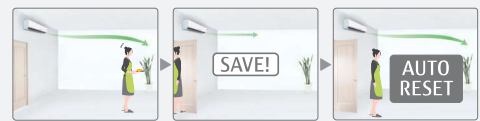
Ø107 Large cross-flow fan

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

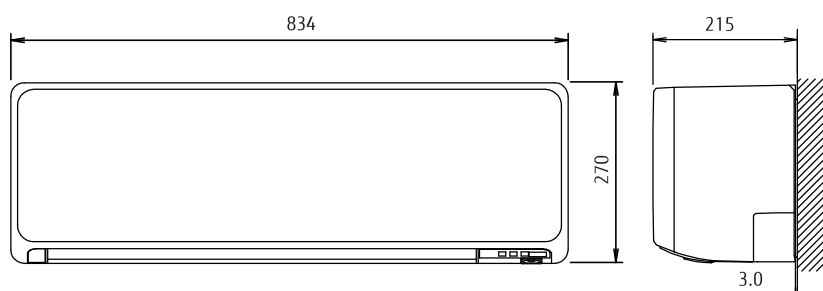
Model No.	Indoor unit		ASYG07KGTB	ASYG09KGTB	ASYG12KGTB	ASYG14KGTB	
	Outdoor unit		A0YG07KGCA	A0YG09KGCA	A0YG12KGCA	A0YG14KGCA	
Power Source	Single phase, ~230V, 50Hz						
Capacity	Cooling	kW	2.0 (0.9-3.2)	2.5 (0.9-3.4)	3.4 (0.9-4.1)	4.2 (0.9-4.5)	
	Heating		2.5 (0.9-5.2)	2.8 (0.9-5.4)	4.0 (0.9-6.1)	5.4 (0.9-6.4)	
Input Power	Cooling/Heating	kW	0.400/0.500	0.555/0.560	0.805/0.910	1.175/1.350	
EER	Cooling	W/W	5.00	4.50	4.22	3.57	
COP	Heating		5.00	5.00	4.40	4.00	
Pdesign	Cooling/Heating(-10°C)	kW	2.0/2.3	2.5/2.4	3.4/2.5	4.2/4.0	
SEER	Cooling	W/W	8.52	8.52	8.51	7.11	
SCOP	Heating (Average)		5.12	5.11	5.10	4.31	
Energy Efficiency Class	Cooling	A+++					
	Heating (Average)	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		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	dB(A)	38/33/29/19	40/34/29/19	40/35/30/19	43/36/30/20
	Indoor (Heating)	H/M/L/Q		41/35/31/21	42/36/31/21	42/38/33/21	44/39/33/24
	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	
Airflow Rate	Indoor / Outdoor (Cooling)	High	m³/h	650/1,610	700/1,610	700/1,680	770/1,680
	Indoor / Outdoor (Heating)	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	
	Outdoor	mm	542×799×290	542×799×290	542×799×290	542×799×290	
Weight	Indoor	kg(lbs)	10 (22)	10 (22)	10 (22)	10 (22)	
	Outdoor	kg(lbs)	30 (66)	30 (66)	31 (68)	32 (71)	
Connection Pipe Diameter (Liquid / Gas)			6.35/9.52				
Drain hose Diameter (I.D./O.D.)			11.8/15.0 to 16.8				
Max Pipe Length (Pre-Charge)			20 (15)				
Max Height Difference			15				
Operation Range	Cooling	°CDB	-10 to 46				
	Heating		-15 to 24				
Refrigerant	Type (Global Warming Potential)	R32 (675)					
	Charge	kg(CO2eq-T)	0.75 (0.506)	0.75 (0.506)	0.85 (0.574)	0.85 (0.574)	

Optional parts

Compact Wired Remote Controller:	UTY-RCRYZ1	Wireless LAN Interface:	UTY-TFSXW1	Network Converter for single split (DC power supply type):	UTY-VTGX
Wired Remote Controller (Touch Panel):	UTY-RNRYZ3	Communication Kit:	UTY-TWRXZ2	Network Converter for single split (AC power supply type):	UTY-VTGXV
Wired Remote Controller:	UTY-RLRY	KNX® Converter:	UTY-VKXS		
Simple Remote Controller (Without operation mode):	UTY-RHRY	MODBUS® Converter:	UTY-VMSX		
Simple Remote Controller:	UTY-RSRY	External input and output PCB:	UTY-XCSXZ2		
External Switch Controller:	UTY-TERX	External Connect Kit:	UTY-XWZX		

Dimensions

(Unit : mm)



NEW

Wall Mounted Designer Series

Cool Beauty Design



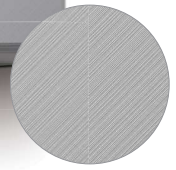
Cool Beauty Design

What we aim is a well-designed air conditioner especially for Europe. It is different from Japanese one harmonized with its surroundings and it appeals comfortable elegant feeling in the room. Light-elegant and three-dimensional expression composed of curved surface is beautiful from anywhere.



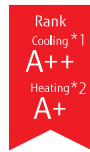
CMF : COLOR MATERIAL FINISH

The texture of the front panel expresses craftsmanship existing in Europe. The texture changes the expression by the changing light of the day.



High energy saving

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

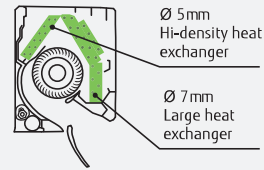


SEER **7.4** *1 SCOP **4.4** *2

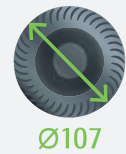
*1: 07/09 models

*2: 12 model

Hybrid-heat exchanger



Ø107 Large cross-flow fan



Comfortable airflow & Silent operation

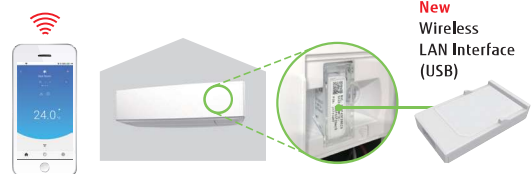
The big louver and the new air blowing structure have attained a comfortable air flow that spreads wider to user's feet and silent operation.



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.

When you add our Wireless Interface and FGLair app, you can control your home's cooling and heating anytime and anywhere.



New Wireless LAN Interface (USB)



**Model: ASYG07KETA / ASYG09KETA / ASYG12KETA / ASYG14KETA
ASYG07KETA-B / ASYG09KETA-B / ASYG12KETA-B / ASYG14KETA-B**



Peal white X White



Silver X Dark gray



Wireless R.C.



For ASYG07/09/12KETA-B



For ASYG14KETA-B

Specifications

			TENTATIVE			
Model No.	Indoor unit		ASYG07KETA ASYG07KETA-B	ASYG09KETA ASYG09KETA-B	ASYG12KETA ASYG12KETA-B	ASYG14KETA ASYG14KETA-B
	Outdoor unit		AOYG07KETA	AOYG09KETA	AOYG12KETA	AOYG14KETA
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		0.450 / 0.555	0.630 / 0.620	0.935 / 0.960	1.220 / 1.410
	EER	Cooling	4.43	3.97	3.65	3.44
COP		Heating	4.52	4.52	4.17	3.83
Pdesign	Cooling/Heating(-10°C)		2.0 / 2.3	2.5 / 2.4	3.4 / 2.5	4.2 / 4.0
SEER	Cooling		7.40	7.40	7.30	6.9
	Heating (Average)		4.10	4.10	4.40	4.1
SCOP	Cooling		A++	A++	A++	A++
	Heating (Average)		A+	A+	A+	A+
Max. Operating Current	Cooling/Heating		6.5 / 9.0	6.5 / 9.0	6.5 / 9.0	6.5 / 9.0
	Annual Energy Consumption	Cooling	95	118	163	213
Heating		785	819	795	1,367	
Moisture Removal			1.0	1.3	1.8	2.1
	Sound Pressure Level	Indoor (Cooling)	H/M/L/Q	38 / 33 / 29 / 20	40 / 34 / 29 / 20	40 / 35 / 30 / 20
Indoor (Heating)		H/M/L/Q	41 / 35 / 31 / 22	42 / 36 / 31 / 22	42 / 38 / 33 / 22	44 / 39 / 33 / 24
Sound Power Level	Outdoor(Cooling/Heating)	High	46 / 46	46 / 46	50 / 50	50 / 50
	Indoor(Cooling/Heating)	High	54 / 56	55 / 57	55 / 58	57 / 59
Airflow Rate	Outdoor(Cooling/Heating)	High	61 / 61	61 / 62	65 / 65	65 / 66
	Indoor / Outdoor (Cooling)	High	650 / 1,650	700 / 1,650	700 / 1,700	770 / 1,680
Net Dimensions H x W x D	Indoor	mm	295×950 (wall side : 840)×230			
	Outdoor	mm	541×663×290	541×663×290	541×663×290	542×799×290
Weight	Indoor	kg(lbs)	11(24)	11(24)	11(24)	11.5(25)
	Outdoor	kg(lbs)	23(51)	23(51)	25(55)	31(68)
Connection Pipe Diameter (Liquid / Gas)			6.35 / 9.52	6.35 / 9.52	6.35 / 9.52	6.35 / 9.52
Drain hose Diameter (I.D./O.D.)			13.8/15.0 to 16.8	13.8/15.0 to 16.8	13.8/15.0 to 16.8	13.8/15.0 to 16.8
Max Pipe Length (Pre-Charge)			20 (15)	20 (15)	20 (15)	20 (15)
Max Height Difference			15	15	15	15
Operation Range	Cooling		-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		0.6 (0.405)	0.6 (0.405)	0.7 (0.473)	0.85 (0.574)

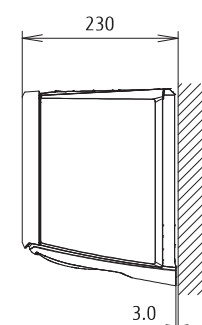
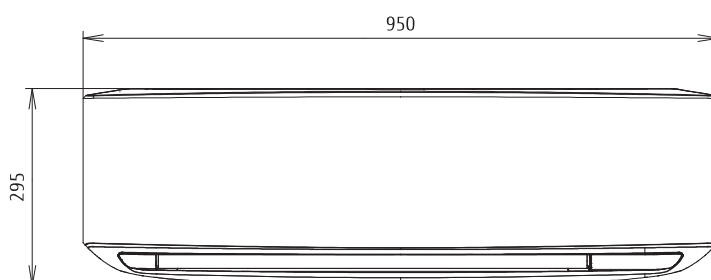
Optional parts

Compact Wired Remote Controller:	UTY-RCRYZ1	Communication Kit:	UTY-TWRXZ2	Network Converter for single split (DC power supply type):	UTY-VTGX
Wired Remote Controller (Touch Panel):	UTY-RNRYZ3	External input and output PCB:	UTY-XCSXZ2	Network Converter for single split (AC power supply type):	UTY-VTGXV
Wired Remote Controller:	UTY-RLRY	External Connect Kit:	UTY-XWZXZ5	KNX® Converter:	UTY-VKXSX*
Simple Remote Controller (Without operation mode):	UTY-RHRY	External Switch Controller:	UTY-TERX	MODBUS® Converter:	UTY-VMSX*
Simple Remote Controller:	UTY-RSRY	Wireless LAN Interface:	UTY-TFSXF2		

*:It can be used only when the wireless LAN adapter is removed.

Dimensions

(Unit : mm)



NEW

Wall Mounted Standard Series

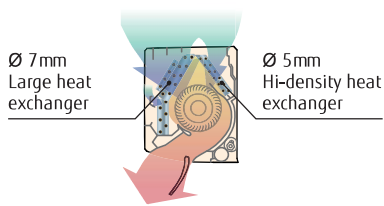
High Efficiency & Comfort



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^{*1}

*1: 07/09 models

SCOP 4.4^{*2}

*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: ASYG07KMCC / ASYG09KMCC / ASYG12KMCC / ASYG14KMCC



Wireless R.C.



For ASYG07/09/12KMCC



For ASYG14KMCC

Specifications

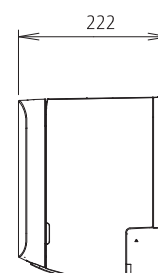
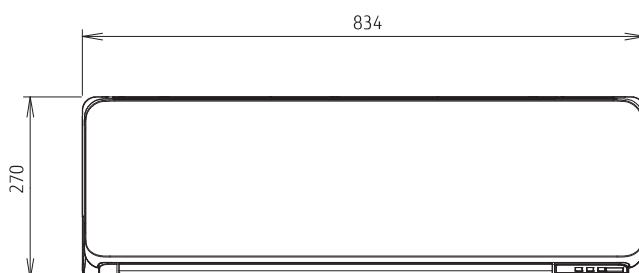
Model No.	Indoor unit		ASYG07KMCC	ASYG09KMCC	ASYG12KMCC	ASYG14KMCC	
	Outdoor unit		AOYG07KMCC	AOYG09KMCC	AOYG12KMCC	AOYG14KMCC	
Power Source	Single phase, ~230V, 50Hz						
Capacity	Cooling	kW	2.0 (0.9-3.0)	2.5 (0.9-3.2)	3.4 (0.9-3.9)	4.2 (0.9-4.4)	
	Heating		2.5 (0.9-3.4)	2.8 (0.9-4.0)	4.0 (0.9-5.3)	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	
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	650/1,650	700/1,650	700/1,700	770/1,680	
	Indoor / Outdoor (Heating)	High	720/1,450	750/1,450	780/1,470	820/1,580	
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)	22 (49)	22 (49)	24 (53)	31 (68)	
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.)			mm	11.8/15.0 to 16.8	11.8/15.0 to 16.8	11.8/15.0 to 16.8	
Max Pipe Length (Pre-Charge)			m	20 (15)	20 (15)	20 (15)	
Max Height Difference			m	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	KNX® Converter:	UTY-VKSX
	UTY-RVNYM	MODBUS® Converter:	UTY-VMSX
Simple Remote Controller:	UTY-RSNYM	External Switch Controller:	UTY-TERX
External connect kit:	UTY-XWZXZ5	Network Converter for single split (DC power supply type):	UTY-VTGX
Communication kit:	UTY-TWBXF2	Network Converter for single split (AC power supply type):	UTY-VTGXW
Wireless LAN Interface:	UTY-TFSXW1		

Dimensions

(Unit : mm)



Wall Mounted Standard Series

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^{*1} SCOP 4.5^{*1}

*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.



Ø 5mm Hi-density heat exchanger

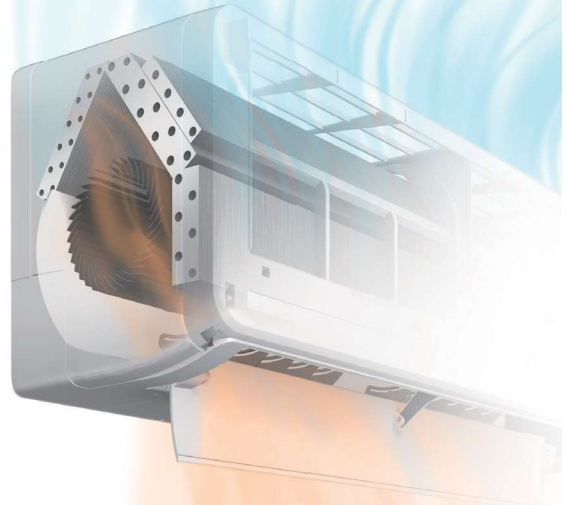
Ø 7mm Large heat exchanger

Ø107 Large cross-flow fan

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



Ø107



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.



New Wireless LAN Interface (USB)

Low ambient operation

-15°C at Heating

Cooling 46°C

Heating 24°C

-10°C

-15°C



Model: ASYG18KMTA / ASYG24KMTA



Wireless R.C.



For ASYG18KMTA



For ASYG24KMTA

Specifications

Model No.	Indoor unit		Outdoor unit		ASYG18KMTA	ASYG24KMTA
					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				1.39/1.56	2.08/1.91
EER	Cooling				3.74	3.41
COP	Heating				4.04	4.19
Pdesign	Cooling/Heating(-10°C)				5.2/4.8	7.1/7.1
SEER	Cooling				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				9.5/13.5	13.5/16.0
Annual Energy Consumption	Cooling				234	341
	Heating				1,472	2,372
Moisture Removal					1.7	2.7
Sound Pressure Level	Indoor (Cooling)	H/M/L/Q	dB(A)		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	m³/h		980/2,350	1,170/3,240
	Indoor / Outdoor (Heating)	High			1,020/2,100	1,170/2,820
Net Dimensions H x W x D	Indoor				280 × 980 × 240	280 × 980 × 240
	Outdoor				632 × 799 × 290	716 × 820 × 315
Weight	Indoor				12.5(28)	12.5(28)
	Outdoor				36(79)	42(93)
Connection Pipe Diameter (Liquid / Gas)					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)					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)

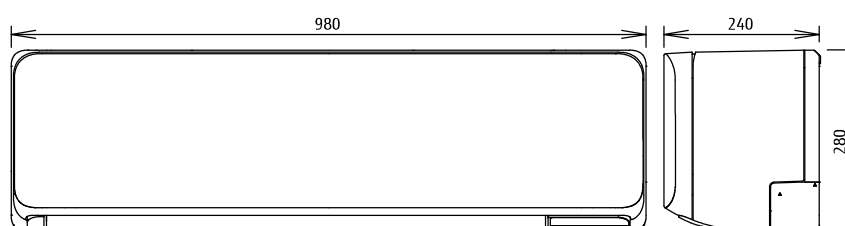
Optional parts

Compact Wired Remote Controller:	UTY-RCRYZ1	Communication Kit:	UTY-TWRXZ2	Network Converter for single split (DC power supply type):	UTY-VTGX
Wired Remote Controller (Touch Panel):	UTY-RNRYZ3	External input and output PCB:	UTY-XCSXZ2	Network Converter for single split (AC power supply type):	UTY-VTGXX
Wired Remote Controller:	UTY-RLRY	External Connect Kit:	UTY-XWZXZ5	KNX® Converter:	UTY-VKSX*
Simple Remote Controller (Without operation mode):	UTY-RHRY	Wireless LAN Interface:	UTY-TFSXF2	MODBUS® Converter:	UTY-VMSX*
Simple Remote Controller:	UTY-RSRY	External Switch Controller:	UTY-TERX		

*:It can be used only when the wireless LAN adapter is removed.

Dimensions

(Unit : mm)



NEW

Wall Mounted Standard Series

High Efficiency & Large Room



Small and light weight outdoor unit

This model is much more compact than conventional outdoor unit. It can be installed in a narrow place.



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.



Adopting new refrigerant R32

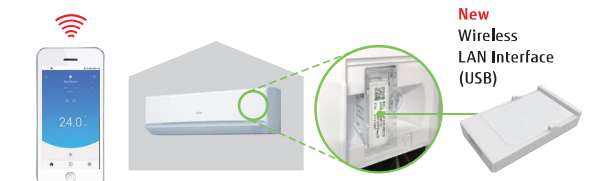
R32 refrigerant is highly environmentally friendly for the reduction of the global warming potential than other refrigerant currently available on the market.



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.

When you add our Wireless Interface and FGLair app, you can control your home's cooling and heating anytime and anywhere.





Model: ASYG30KMTA / ASYG36KMTA



Wireless R.C.



Specifications

			TENTATIVE	
Model No.	Indoor unit		ASYG30KMTA	ASYG36KMTA
	Outdoor unit		AOYG30KMTA	AOYG36KMTA
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	2.33/2.20	3.16/2.73
EER	Cooling	W/W	3.43	2.97
COP	Heating		4.00	3.70
Pdesign	Cooling/Heating(-10°C)	kW	8.0/6.5	9.4/7.1
SEER	Cooling	W/W	6.67	6.14
SCOP	Heating (Average)		4.54	4.52
Energy Efficiency Class	Cooling	A++		
	Heating (Average)	A+		
Max. Operating Current	Cooling/Heating	A	21.0/21.0	21.5/21.5
Annual Energy Consumption	Cooling	kWh/a	419	535
	Heating		2,001	2,198
Moisture Removal			l/h	3.8
Sound Pressure Level	Indoor (Cooling)	H/M/L/Q	50/44/40/33	
	Indoor (Heating)	H/M/L/Q	49/44/39/33	
Sound Power Level	Outdoor(Cooling/Heating)	High	53/55	
	Indoor(Cooling/Heating)	High	65/65	
Airflow Rate	Outdoor(Cooling/Heating)	High	68/69	
	Indoor / Outdoor (Cooling)	High	1,330/3,750	
Net Dimensions H x W x D	Indoor / Outdoor (Heating)	High	1,330/3,750	
	Indoor	mm	340x1,150x280	
Weight	Outdoor	mm	788x940x320	
	Indoor	kg(lbs)	18.5(41)	
Connection Pipe Diameter (Liquid / Gas)	Outdoor	kg(lbs)	52.0(115)	
	Indoor	kg(lbs)	18.5(41)	
Drain hose Diameter (I.D./O.D.)			mm	9.52/15.88
Max Pipe Length (Pre-Charge)			m	13.8/15.8 to 16.7
Max Height Difference			m	50(30)
Operation Range	Cooling	°CDB	30	
	Heating		-15to46	-15to24
Refrigerant	Type (Global Warming Potential)	R32(675)		
	Charge	kg(CO2eq-T)	1.90(1.283)	

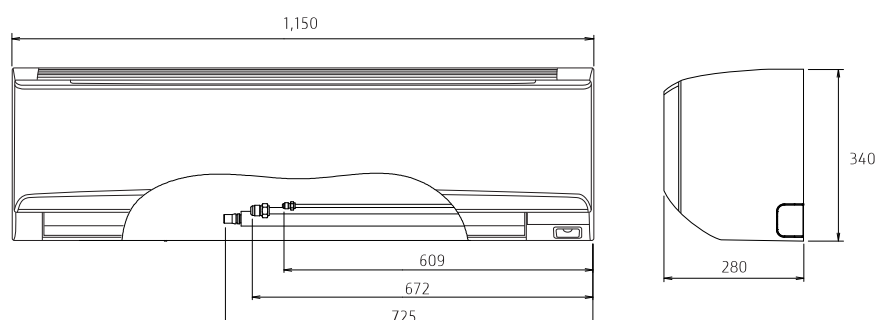
Optional parts

Compact Wired Remote Controller:	UTY-RCRYZ1	External Input and Output PCB:	UTY-XCSXZ2	Network Converter for single split (DC power supply type):	UTY-VTGX
Wired Remote Controller (Touch Panel):	UTY-RNRYZ3	Communication Kit:	UTY-TWRXZ2	Network Converter for single split (AC power supply type):	UTY-VTGXV
Wired Remote Controller:	UTY-RLRY	Wireless LAN Interface:	UTY-TFSXF2		
Simple Remote Controller (Without operation mode):	UTY-RHRY	External Switch Controller:	UTY-TERX		
Simple Remote Controller:	UTY-RSRY	KNX® Converter:	UTY-VKSX*		
External Connect Kit:	UTY-XWZXZ5	MODBUS® Converter:	UTY-VMSX*		

*:It can be used only when the wireless LAN adapter is removed.

Dimensions

(Unit : mm)



Wall Mounted ECO Series Compact & Comfort



Slim & 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.



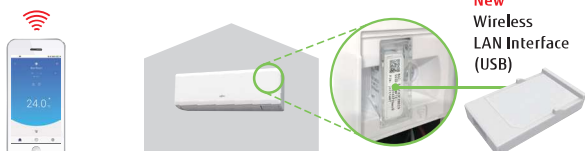
Comfortable airflow & Silent operation

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.

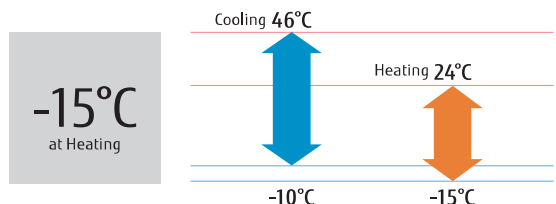


Smart device Control (Option)

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

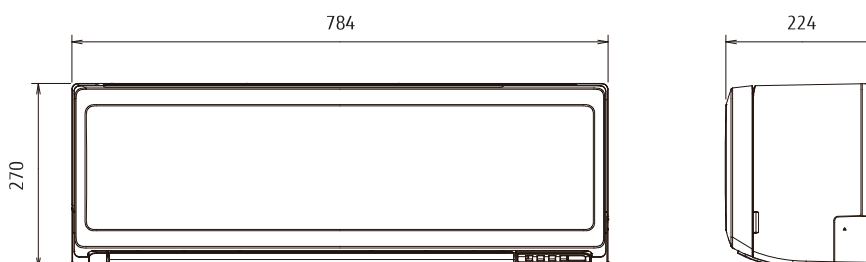
Model No.	Indoor unit		ASYG07KPCA	ASYG09KPCA	ASYG12KPCA
	Outdoor unit		A0YG07KPCA	A0YG09KPCA	A0YG12KPCA
Power Source			Single phase, ~230V, 50Hz		
Capacity	Cooling	kW	2.0 (0.9-2.8)	2.5 (0.9-3.0)	3.4 (0.9-3.7)
	Heating		2.5 (0.9-3.4)	2.8 (0.9-3.8)	3.8 (0.9-4.8)
Input Power	Cooling/Heating	kW	0.48/0.63	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	58/58	59/59
	Outdoor(Cooling/Heating)	High	57/58	59/59	62/62
Airflow Rate	Indoor / Outdoor (Cooling)	High	m³/h	580/1,650	630/1,700
	Indoor / Outdoor (Heating)	High		580/1,450	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.)			11.8/15.0 to 16.8	11.8/15.0 to 16.8	11.8/15.0 to 16.8
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 Kit: UTZ-RXLA

Dimensions

(Unit : mm)



Wall Mounted ECO Series

Comfort for Large Room



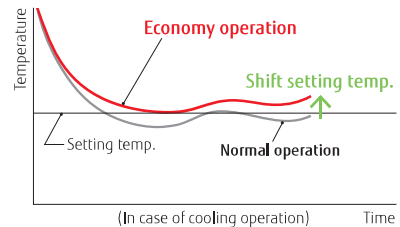
Narrow width & Compact Design

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.



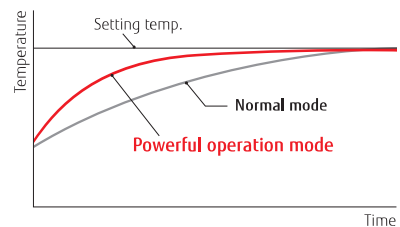
Economy operation

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



Powerful operation

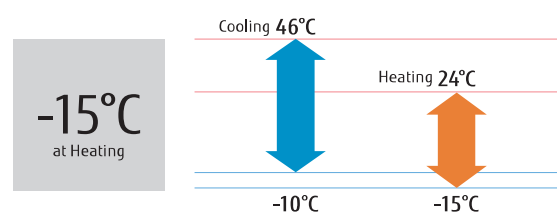
20 minutes continuous operation by maximum airflow and maximum compressor speed is possible. Rapid cooling and heating makes the room comfortable quickly.



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

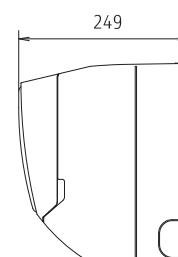
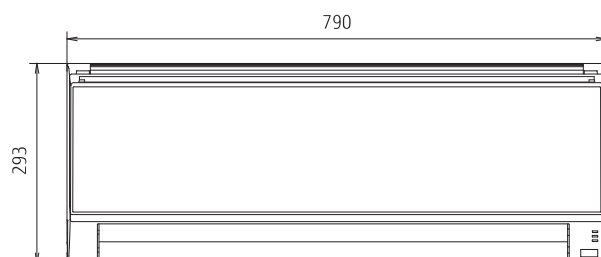
Specifications

Model No.	Indoor unit		ASYG18KLCA	ASYG24KLCA
	Outdoor unit		AOYG18KLCA	AOYG24KLCA
Power Source			Single phase, ~230V, 50Hz	
Capacity	Cooling	kW	5.2(0.9~5.5)	7.1(0.9~7.7)
	Heating		6.3(0.6~7.6)	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++		
	Heating (Average)	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	3.1
Sound Pressure Level	Indoor (Cooling)	H/M/L/Q	dB(A)	47/44/40/35
	Indoor (Heating)	H/M/L/Q		50/45/41/37
	Outdoor(Cooling/Heating)	High		50/56
Sound Power Level	Indoor(Cooling/Heating)	High	60/65	64/65
	Outdoor(Cooling/Heating)	High	61/66	65/67
Airflow Rate	Indoor / Outdoor (Cooling)	High	m³/h	865/1,830
	Indoor / Outdoor (Heating)	High		995/2,265
Net Dimensions H x W x D	Indoor	mm	293×790×249	293×790×249
	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)			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)			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)		
	Charge	kg(CO2eq-T)	0.85(0.574)	1.10(0.743)

Optional parts

Dimensions

(Unit : mm)



Wall Mounted Designer Series

High Spec & Design



reddot design award winner 2012

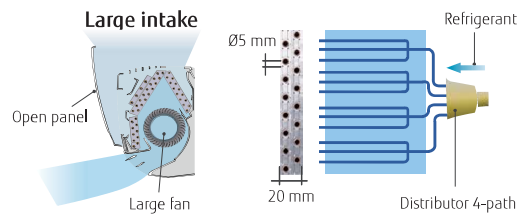


Thin & Slim design

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

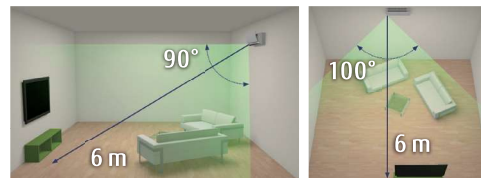


Big open panel and High density multi path heat exchanger



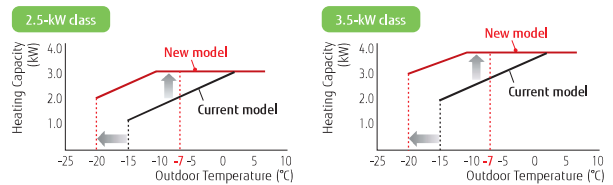
Human sensor

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°C. This new model can operate even at -20°C low outdoor temperature.

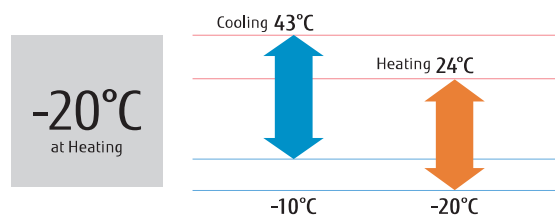


3 Mode timer (Weekly/Program/Sleep)

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

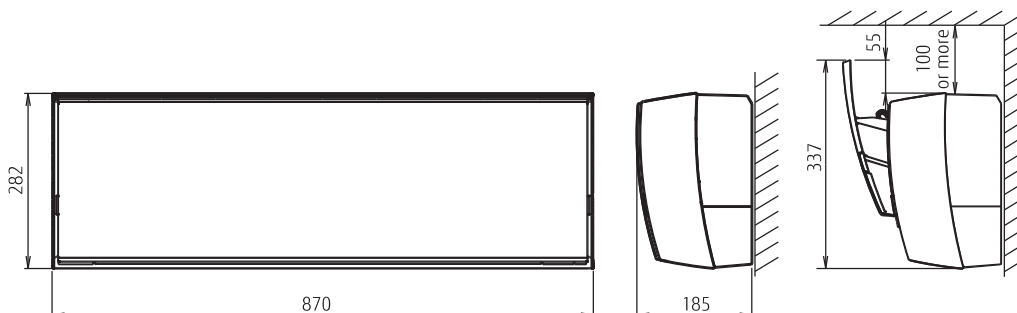
Model No.	Indoor unit		Outdoor unit		ASYG09LTCA	ASYG12LTCA	
					AOYG09LTC	AOYG12LTC	
Power Source					Single phase, ~230V, 50Hz		
Capacity	Cooling	kW			2.5 (0.9-3.5)	3.5 (1.1-4.0)	
	Heating				3.2 (0.9-5.4)	4.0 (0.9-6.5)	
Input Power	Cooling/Heating	kW			0.505/0.660	0.850/0.910	
EER	Cooling	W/W			4.95	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			I/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
	Outdoor(Cooling/Heating)	High				48/50	48/49
Sound Power Level	Indoor(Cooling/Heating)	High			59/61	60/62	
	Outdoor(Cooling/Heating)	High			63/65	64/65	
	Indoor / Outdoor (Cooling)	High			800/1,700	850/2,050	
Airflow Rate	Indoor / Outdoor (Heating)	High			800/1,700	850/2,000	
	Indoor	mm			282×870×185	282×870×185	
Net Dimensions H x W x D	Outdoor	mm			540×790×290	620×790×290	
	Indoor	kg(lbs)			9.5 (21)	9.5 (21)	
Weight	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.)					11.8/15.0 to 16.8	11.8/15.0 to 16.8	
Max Pipe Length (Pre-Charge)					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 (2.192)	1.20 (2.506)	

Optional parts

Wired Remote Controller:	UTY-RNNYM UTY-RVNYM	Communication Kit:	UTY-TWBXF UTY-TWBXF2	External Switch Controller:	UTY-TERX
Simple Remote Controller:	UTY-RSNYM	External Connect Kit:	UTY-XWZXZ5	Network Converter for single split (DC power supply type):	UTY-VTGX
Wireless LAN Interface:	UTY-TFNXZ1 FJ-RC-WIFI-1	MODBUS® Interface:	FJ-RC-MBS-1	Network Converter for single split (AC power supply type):	UTY-VTGXV
		KNX® Interface:	FJ-RC-KNX-1i		

Dimensions

(Unit : mm)



Wall Mounted Designer Series High COP



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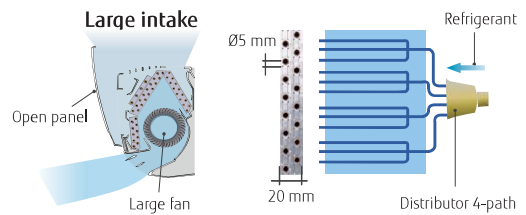


Thin & Slim design

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

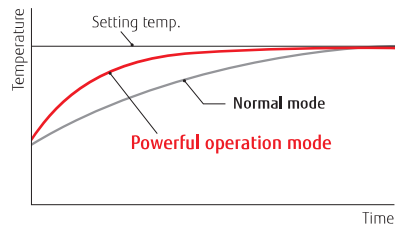


Big open panel and High density multi path heat exchanger



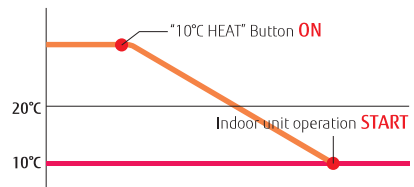
Powerful operation

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.

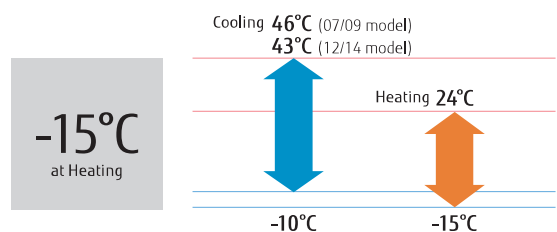


3 Mode timer (Weekly/Program/Sleep)

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

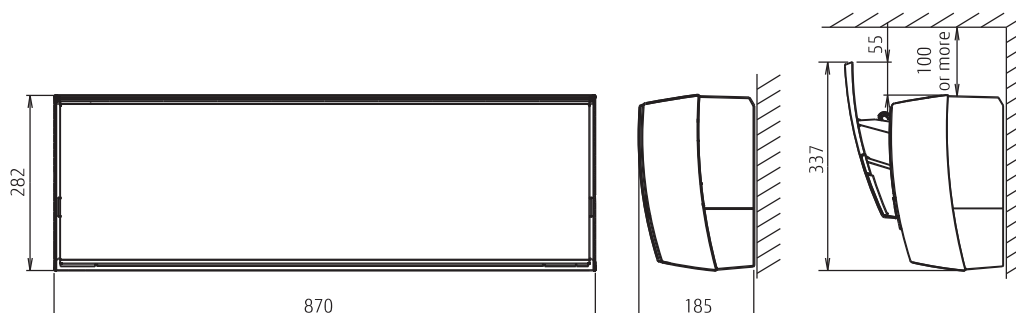
Model No.	Indoor unit		ASYG07LUCA	ASYG09LUCA	ASYG12LUCA	ASYG14LUCA	
	Outdoor unit		AOYG07LUC	AOYG09LUCB	AOYG12LUC	AOYG14LUC	
Power Source	Single phase, ~230V, 50Hz						
Capacity	Cooling	kW	2.0 (0.5-3.0)	2.5 (0.5-3.2)	3.5 (0.9-4.0)	4.2 (0.9-5.0)	
	Heating		3.0 (0.5-4.0)	3.2 (0.5-4.2)	4.0 (0.9-5.6)	5.4 (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
	Outdoor(Cooling/Heating)	High		46/46	48/48	50/50	50/50
Sound Power Level	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)		mm	6.35/9.52	6.35/9.52	6.35/9.52	6.35/12.70	
Drain hose Diameter (I.D./O.D.)			11.8/15.0 to 16.8	11.8/15.0 to 16.8	11.8/15.0 to 16.8	11.8/15.0 to 16.8	
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 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 (1.462)	0.85 (1.775)	1.05 (2.192)	1.05 (2.192)	

Optional parts

Wired Remote Controller: UTY-RNNYM UTY-RVNYM	Communication Kit: UTY-TWBXF2	Communication Kit: UTY-TWBXF
Simple Remote Controller: UTY-RSNYM	External Connect Kit: UTY-XWZXZ5	Network Converter for single split (DC power supply type): UTY-VTGX
Wireless LAN Interface: UTY-TFNXZ1 FJ-RC-WIFI-1	External Switch Controller: UTY-TERX	Network Converter for single split (AC power supply type): UTY-VTGXV
	MODBUS® Interface: FJ-RC-MBS-1	
	KNX® Interface: FJ-RC-KNX-1i	

Dimensions

(Unit : mm)



Wall Mounted Standard Series

High Efficiency & Comfort



High efficient compact design



High density heat exchanger

Making the tube thin:
7 mm → 5 mm

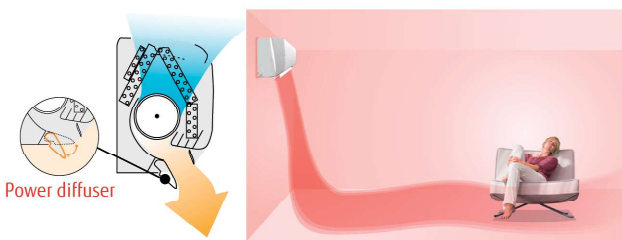
Increase of heat exchanger volume by high density and adopting sub heat exchanger

Even temperature

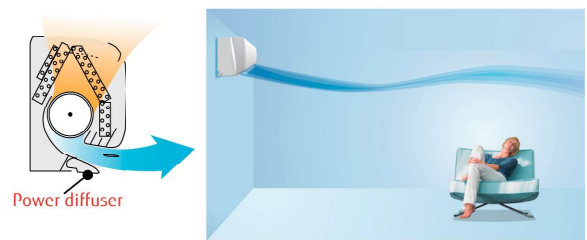
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Improved heat exchanger effectiveness

More comfort airflow



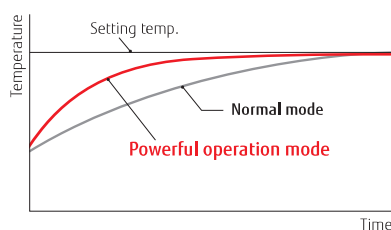
Vertical airflow provides powerful floor level heating



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

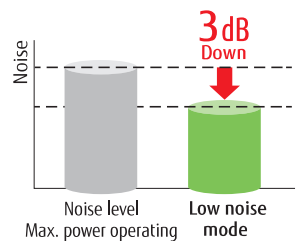
Powerful operation

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



Low noise mode for outdoor unit

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



Model: ASYG07LMCE / ASYG09LMCE / ASYG12LMCE / ASYG14LMCE



Wireless R.C.



For ASYG07/09/12LMCE



For ASYG14LMCE

Specifications

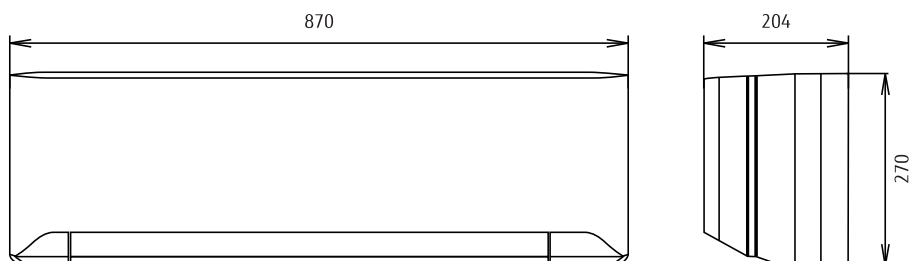
Model No.	Indoor unit		ASYG07LMCE	ASYG09LMCE	ASYG12LMCE	ASYG14LMCE	
	Outdoor unit		AOYG07LMCE	AOYG09LMCE	AOYG12LMCE	AOYG14LMCE	
Power Source	Single phase, ~230V, 50Hz						
Capacity	Cooling	kW	2.0(0.5-3.0)	2.5(0.5-3.2)	3.4(0.9-3.9)	4.0(0.9-4.4)	
	Heating		3.0(0.5-3.4)	3.2(0.5-4.0)	4.0(0.9-5.3)	5.0(0.9-6.0)	
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	
Sound Pressure Level	Indoor (Cooling)	H/M/L/Q	dB(A)	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	m ³ /h	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	
Drain hose Diameter (I.D./O.D.)				11.8/15.0 to 16.8	11.8/15.0 to 16.8	11.8/15.0 to 16.8	
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	-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 (1.462)	0.70 (1.462)	0.85 (1.775)	1.05 (2.192)	

Optional parts

- Wired Remote Controller: UTY-RNNYM Network Converter for single split (DC power supply type): UTY-VTGX
- UTY-RVNYM Network Converter for single split (AC power supply type): UTY-VTGXV
- Simple Remote Controller: UTY-RSNYM External Connect Kit: UTY-XWZXZ5
- External Switch Controller: UTY-TERX Communication Kit: UTY-XCBXZ2
- Wireless LAN Interface: UTY-TFNXZ1 MODBUS® Interface: FJ-RC-MBS-1
- FJ-RC-WIFI-1 KNX® Interface: FJ-RC-KNX-1i

Dimensions

(Unit : mm)

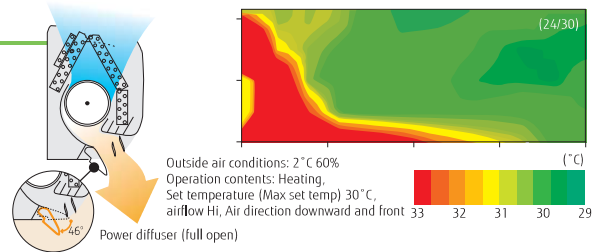


Wall Mounted Standard Series

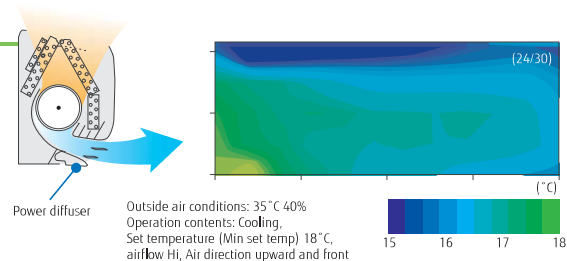
Comfort for Large Room



“Vertical airflow” provides powerful floor level heating

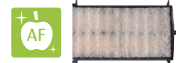


“Horizontal airflow” does not blow cool air directly at the occupants in the room



Air conditioner filter features

Using different filters at both sides

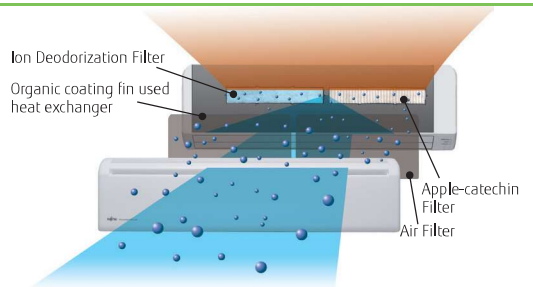


Ion Deodorization Filter

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

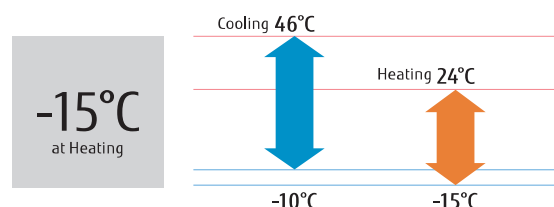
The Apple-catechin filter uses static electricity to clean fine particles and dust in the air.



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

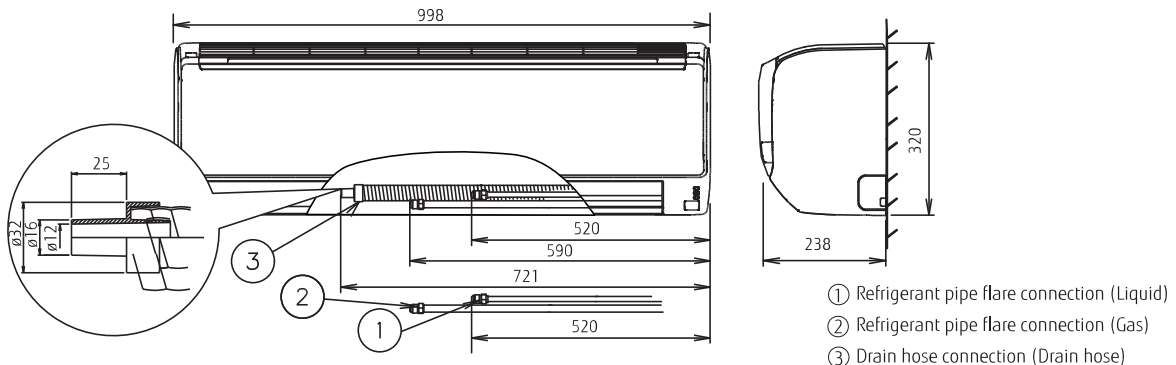
Model No.	Indoor unit		ASYG18LFCA	ASYG24LFCC	ASYG30LFCA
	Outdoor unit		AOYG18LFC	AOYG24LFCC	AOYG30LFT
Power Source			Single phase, ~230V, 50Hz		
Capacity	Cooling	kW	5.2 (0.9-6.0)	7.1 (0.9-8.0)	8.0 (2.9-9.0)
	Heating		6.3 (0.9-9.1)	8.0 (0.9-10.6)	8.8 (2.2-11.0)
Input Power	Cooling/Heating	kW	1.52/1.71	2.20/2.21	2.49/2.44
	Cooling		EER	3.42	3.23
COP	Heating	W/W	3.68	3.61	3.61
	Cooling/Heating(-10°C)		Pdesign	5.2/5.9	7.1/7.1
SEER	Cooling	W/W	6.94	6.11	5.69
	Heating (Average)		SCOP	3.87	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
	Cooling		kWh/a	262	406
Annual Energy Consumption	Heating	2,130		2,610	2,941
	Moisture Removal		l/h	2.6	2.7
Indoor (Cooling)		H/M/L/Q		43/37/33/26	49/42/37/32
Sound Pressure Level	Indoor (Heating)		H/M/L/Q	42/37/33/25	48/42/37/32
	Outdoor(Cooling/Heating)	dB(A)		50/51	55/56
Sound Power Level	Indoor(Cooling/Heating)		High	58/58	64/64
	Outdoor(Cooling/Heating)	High		65/66	68/69
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
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
Weight	Indoor	kg(lbs)	14 (31)	14 (31)	14 (31)
	Outdoor		kg(lbs)	41 (90)	41 (90)
Connection Pipe Diameter (Liquid / Gas)			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)			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)
	Charge	kg(CO2eq-T)	1.20 (2.506)	1.80 (3.758)	2.1 (4.385)

Optional parts

- Wired Remote Controller: UTY-RNNYM Network Converter for single split (DC power supply type): UTY-VTGX
- UTY-RVNYM Network Converter for single split (AC power supply type): UTY-VTGXV
- Simple Remote Controller: UTY-RSNYM MODBUS® Interface: FJ-RC-MBS-1
- External Switch Controller: UTY-TERX KNX® Interface: FJ-RC-KNX-1i
- Wireless LAN Interface: UTY-TFNXZ1 External Connect Kit: UTY-XWZX
- FJ-RC-WIFI-1

Dimensions

(Unit : mm)



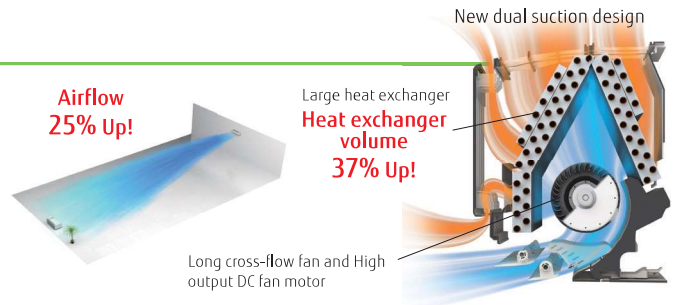
Wall Mounted Standard Series

Comfort for Large Room



Large Capacity & Powerful airflow

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



Human sensor

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



Server room function*

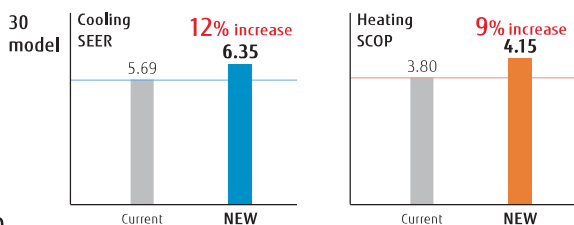
The following interlock operation is possible by connecting 2 indoor units with a cable. Cooling operation can be performed even in the low outdoor temperature and low humidity environment.

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

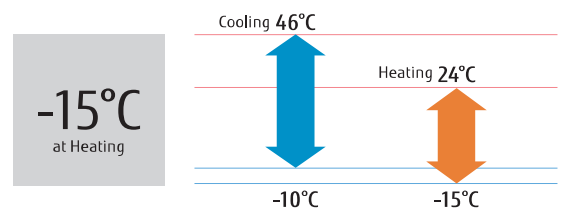
*2 x UTY-XWNX of optional parts are required.



High seasonal energy efficiency



Low ambient operation



Model: ASYG30LMTA / ASYG36LMTA



Wireless R.C.



Specifications

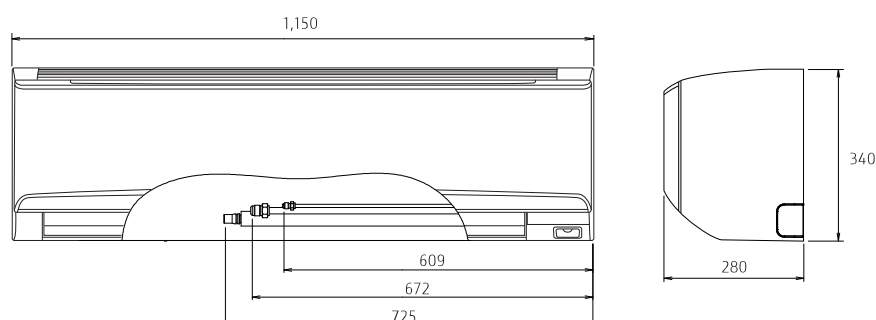
Model No.	Indoor unit		ASYG30LMTA	ASYG36LMTA
	Outdoor unit		AOYG30LMTA	AOYG36LMTA
Power Source	Single phase, ~230V, 50Hz			
Capacity	Cooling	kW	8.0 (2.9-9.0)	9.4 (2.9-10.0)
	Heating		8.8 (2.2-11.0)	10.1 (2.7-11.2)
Input Power	Cooling/Heating	kW	2.33/2.41	3.16/2.96
EER	Cooling	W/W	3.43	2.97
COP	Heating		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	50/44/38/31	50/44/38/31
	Indoor (Heating)	H/M/L/Q	49/44/39/33	49/44/39/33
	Outdoor(Cooling/Heating)	High	52/55	55/56
Sound Power Level	Indoor(Cooling/Heating)	High	65/65	65/65
	Outdoor(Cooling/Heating)	High	67/68	68/70
Airflow Rate	Indoor / Outdoor (Cooling)	High	1,380/3,600	1,380/3,800
	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.)			11.8/15.0 to 16.8	11.8/15.0 to 16.8
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 (4.385)	2.10 (4.385)

Optional parts

Compact Wired Remote Controller:	UTY-RCRYZ1	External Switch Controller:	UTY-TERX	Network Converter for single split (DC power supply type):	UTY-VTGX
Wired Remote Controller (Touch Panel):	UTY-RNRYZ3	Wireless LAN Interface:	UTY-TFNXZ1	Network Converter for single split (AC power supply type):	UTY-VTGXV
Wired Remote Controller:	UTY-RLRY		FJ-RC-WIFI-1	External input and output PCB:	UTY-XCSXZ2
	UTY-RNNYM	KNX® Converter:	UTY-VKSX	External input and output PCB Box:	UTZ-GXXB
Wired Remote Controller:	UTY-RVNYM	MODBUS® Converter:	UTY-VMSX	External Connect Kit:	UTY-XWZX
Simple Remote Controller (Without operation mode):	UTY-RHRY	Communication kit	UTY-XWNX	Communication Kit:	UTY-TWRX
Simple Remote Controller:	UTY-RSRY	MODBUS® Interface:	FJ-RC-MBS-1		
	UTY-RSNYM	KNX® Interface:	FJ-RC-KNX-ti		

Dimensions

(Unit : mm)

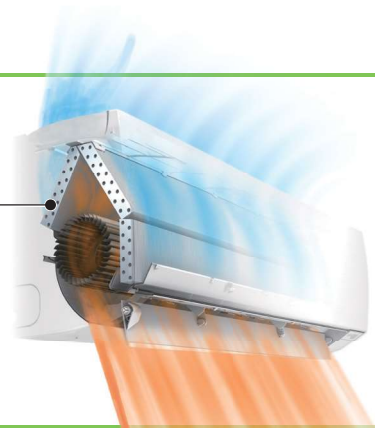
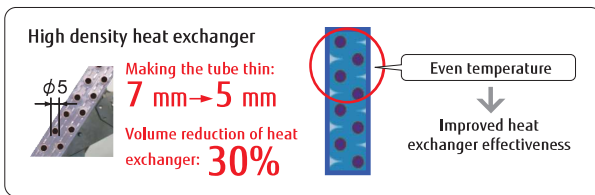


Wall Mounted ECO Series

Compact & Comfort

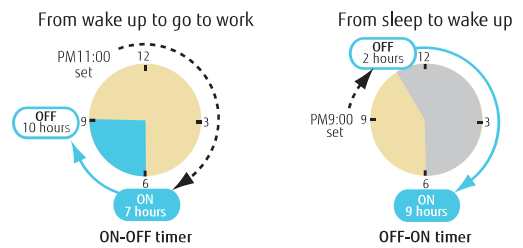


High efficient compact design



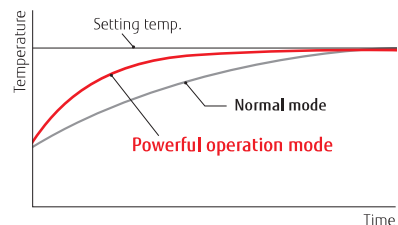
ON-OFF Programmable timer

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



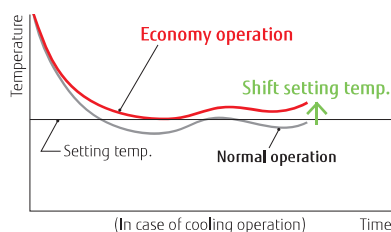
Powerful operation

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

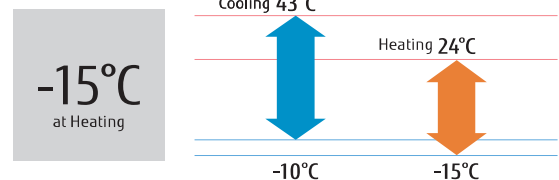


Economy operation

Setting temp. is shifted by 1°C automatically.



Low ambient operation



Model: 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
	Indoor (Heating)	H/M/L/Q		43/38/33/22	43/38/33/22
	Outdoor(Cooling/Heating)	High		47/48	47/48
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 (Cooling)	High	720/1,670	720/1,670	720/1,830
	Indoor / Outdoor (Heating)	High	740/1,470	740/1,470	740/1,600
Net Dimensions H x W x D	Indoor	mm	262×820×206	262×820×206	262×820×206
	Outdoor	mm	535×663×293	535×663×293	535×663×293
Weight	Indoor	kg(lbs)	7.0 (15)	7.0 (15)	7.0 (15)
	Outdoor	kg(lbs)	24 (53)	24 (53)	26 (57)
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.)			11.8/15.0 to 16.8	11.8/15.0 to 16.8	11.8/15.0 to 16.8
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)	0.65(1.357)	0.65(1.357)	0.85(1.775)

Optional parts

Remote Controller Holder: UTZ-RXLA

Dimensions

(Unit : mm)

