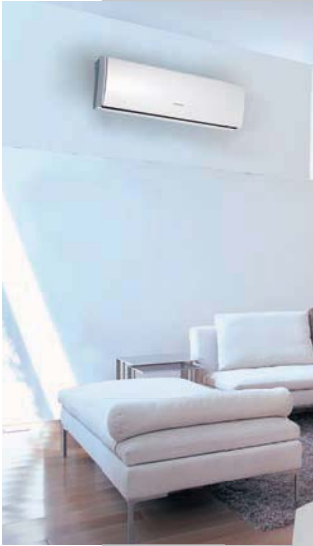


2011 New Products



High Efficiency & Design model
Wall Mounted type



Opened panel

Human sensor

When operating, the room is monitored by human sensor.

Range 2.0kW~4.2kW

- High COP
- Slim & Smart design

NEW
Split

High COP & Powerful Heating model



9 / 12

High COP model



7 / 9 / 12 / 14

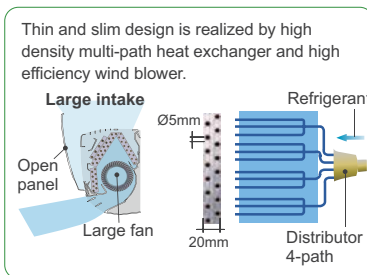
INVERTER Wall Mounted

Thin & Slim Design with High COP & Powerful Heating

CLASS **A** ASHG09LT **NEW** CLASS **A** ASHG12LT **NEW**

Wireless R.C. For ASHG09LT For ASHG12LT

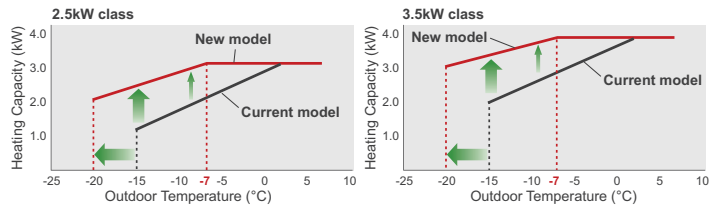
Thin & Slim design



Slimness **185 mm**

Powerful heating

Heating capacity was improved at low outdoor temperature. Rated heating capacity is maintained even at -7°C outdoor temperature. This new model can operate even at -20°C low outdoor temperature.



Powerful operation mode

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

Specifications

Model No.	Indoor unit		ASHG09LT	ASHG12LT
	Outdoor unit		AOHG09LT	AOHG12LT
Power Source		V/∅/Hz	230/1/50	230/1/50
Capacity	Cooling	kW	2.5	3.5
	Heating	kW	3.2	4.0
Input Power	Cooling/Heating	kW	0.530/0.675	0.850/0.945
EER - Energy Class	Cooling	W/W	4.72-A	4.12-A
COP - Energy Class	Heating	W/W	4.74-A	4.23-A
Running Current	Cooling/Heating	A	*	*
Moisture Removal		l/h	*	*
Noise (Indoor)	Cooling	H/Q	42/21	43/21
Noise (Outdoor)	Cooling	dB(A)	50	48
Airflow Rate (High)	Indoor / Outdoor	m ³ /h	*	*
Net Dimension H x W x D	Indoor	mm	282x870x185	282x870x185
		kg(lbs)	9.5	9.5
	Outdoor	mm	540x790x290	620x790x298
		kg(lbs)	35	40
Piping Connections (Small / Large)		mm	6.35/9.52	6.35/9.52
Drain Pipe Diameter (Inner/Outer)		mm	16/29	16/29
Max Pipe Length (Chargeless)		m	20(15)	20(15)
Max Height Difference		m	15	15
Operation Range	Cooling	$^{\circ}\text{CDB}$	-10~43	-10~43
	Heating	$^{\circ}\text{CDB}$	-20~24	-20~24
Refrigerant			R410A	R410A

*: Data were not available at time of publication.

Energy saving control

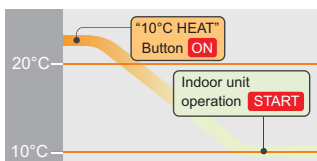
Human sensor catches movements of people in a room, and operates with lower capacity when the room is empty. When people come back to the room, it automatically returns to previous operating mode.

Energy saving operation by detecting someone's movement



10°C HEAT Operation *Only available with Wireless RC.

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



Caution

- When the room temperature is higher than 10°C, "10°C HEAT" operation does not start. Operation starts and maintains the room temperature at 10°C for 48 hours when the temperature drops below 10°C.

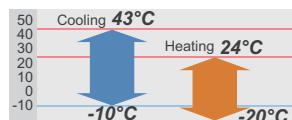
- When "10°C HEAT" operation stops, the room set temperature quickly returns to the preset temperature.

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.

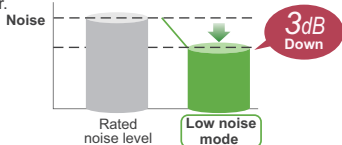


Low ambient operation



Low noise mode for outdoor unit

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

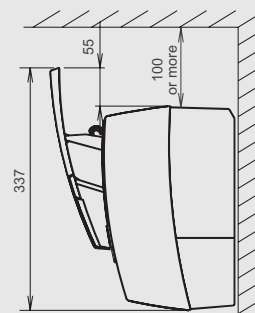
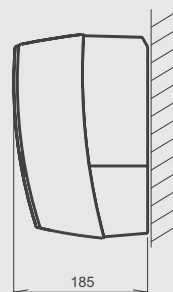
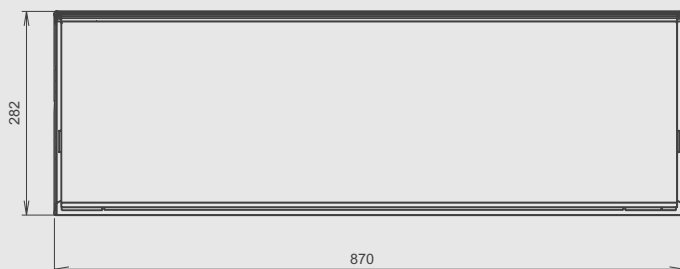


Optional parts

Wired Remote Controller: UTY-RNNGM
 Simple Remote Controller: UTY-RSNGM
 Communication Kit: UTY-TWBXF

Dimensions Models: ASHG09LT / ASHG12LT

(Unit : mm)



INVERTER Wall Mounted



CLASS **A**
ASHG07LU **NEW**



CLASS **A**
ASHG09LU **NEW**



CLASS **A**
ASHG12LU **NEW**



CLASS **A**
ASHG14LU **NEW**



Wireless R.C.



For ASHG07/09LU



For ASHG12/14LU



(12/14)



(07/09)



























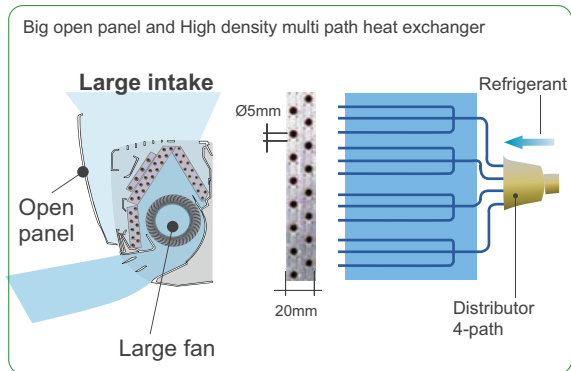


Thin & Slim design

Thin and slim design is realized by Ø5mm heat exchanger and high efficiency wind blower.



H282 X W870 X D185



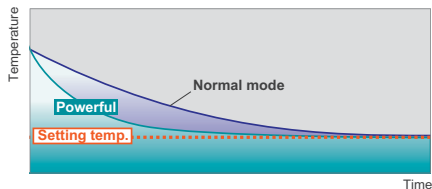
Specifications

Model No.	Indoor unit		ASHG07LU	ASHG09LU	ASHG12LU	ASHG14LU
	Outdoor unit		AOHG07LU	AOHG09LU	AOHG12LU	AOHG14LU
Power Source	V/Ø/Hz		230/1/50	230/1/50	230/1/50	230/1/50
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	kW	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	0.465/0.660	0.555/0.680	0.905/0.950	1.235/1.380
EER - Energy Class	Cooling	W/W	4.30-A	4.50-A	3.87-A	3.40-A
COP - Energy Class	Heating	W/W	4.55-A	4.71-A	4.21-A	3.91-A
Running Current	Cooling/Heating	A	*	*	*	*
Moisture Removal	l/h		*	*	*	*
Noise (Indoor)	Cooling	H/Q	38/21	42/21	43/21	45/25
Noise (Outdoor)	Cooling	dB(A)	46	48	50	50
Airflow Rate (High)	Indoor / Outdoor	m³/h	*	*	*	*
Net Dimension H x W x D	Indoor	mm	282x870x185	282x870x185	282x870x185	282x870x185
		kg(lbs)	9.5	9.5	9.5	9.5
	Outdoor	mm	540x660x290	540x660x290	540x790x290	540x790x290
		kg(lbs)	23	25	33	34
Piping Connections (Small / Large)	mm		6.35/9.52	6.35/9.52	6.35/9.52	6.35/12.7
Drain Pipe Diameter (Inner/Outer)	mm		16/29	16/29	16/29	16/29
Max Pipe Length (Chargeless)	m		20(15)	20(15)	20(15)	20(15)
Max Height Difference	m		15	15	15	15
Operation Range	Cooling	°CDB	-10~43	-10~43	-10~43	-10~43
	Heating	°CDB	-15~24	-15~24	-15~24	-15~24
Refrigerant			R410A	R410A	R410A	R410A

*: Data were not available at time of publication.

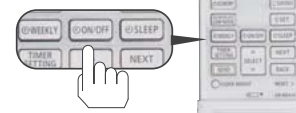
Powerful operation

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



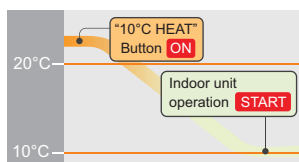
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10°C HEAT Operation *Only available with Wireless RC.

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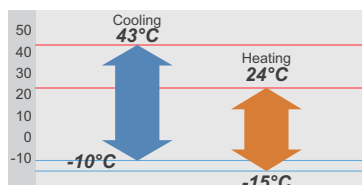
Caution
 •When the room temperature is higher than 10°C, "10°C HEAT" operation does not start. Operation starts and maintains the room temperature at 10°C for 48 hours when the temperature drops below 10°C.
 •When "10°C HEAT" operation stops, the room set temperature quickly returns to the preset temperature.

Filter sign display

Indicates the filter cleaning period by lamp.

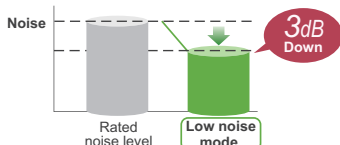


Low ambient operation



Low noise mode for outdoor unit

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



Optional parts

- Wired Remote Controller: UTY-RNNGM
- Simple Remote Controller: UTY-RSNGM
- Communication Kit: UTY-TWBXF

Dimensions Models: ASHG07LU / ASHG09LU / ASHG12LU / ASHG14LU

