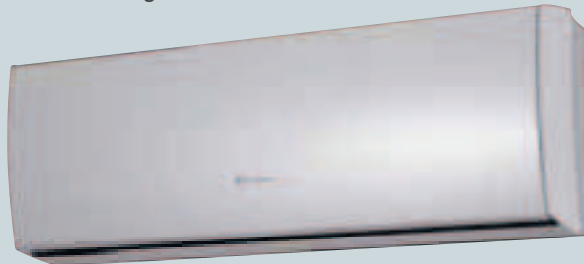


INVERTER Wall Mounted

Thin & Slim Design
with High COP &
Powerful Heating



Wireless R.C.



For RSG09LT



For RSG12LT

CLASS
A

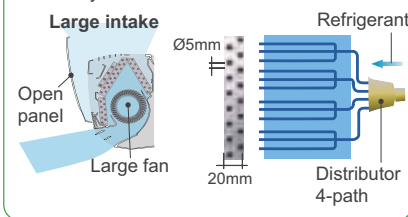
RSG09LT **NEW**

CLASS
A

RSG12LT **NEW**

Thin & Slim design

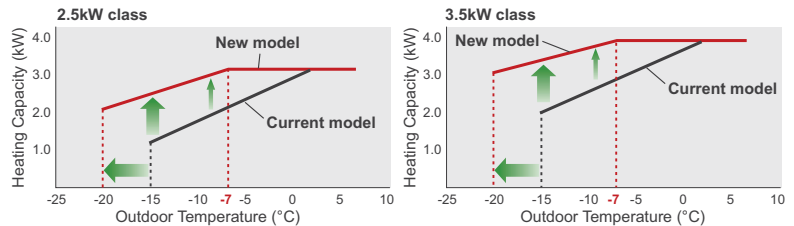
Thin and slim design is realized by high density multi-path heat exchanger and high efficiency wind blower.



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		RSG09LT	RSG12LT
	Outdoor unit		ROG09LT	ROG12LT
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		0.530/0.675	0.850/0.945
EER - Energy Class	Cooling		4.72-A	4.12-A
COP - Energy Class	Heating		4.74-A	4.23-A
Running Current	Cooling/Heating		*	*
Moisture Removal			*	*
Noise (Indoor)	Cooling	H/Q	42/21	43/21
Noise (Outdoor)	Cooling		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(21)	9.5(21)
	Outdoor	mm	540x790x290	620x790x298
		kg(lbs)	35(77)	40(88)
Piping Connections (Small / Large)			6.35/9.52	6.35/9.52
Drain Pipe Diameter (Inner/Outer)			16/29	16/29
Max Pipe Length (Chargeless)			20(15)	20(15)
Max Height Difference			15	15
Operation Range	Cooling	°CDB	-10~43	-10~43
	Heating	°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.

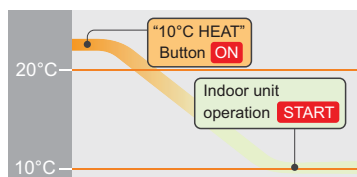


Energy saving operation by detecting someone's movement



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



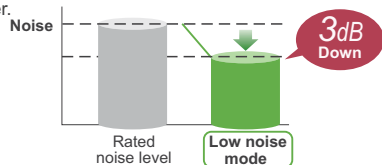
Caution

•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.

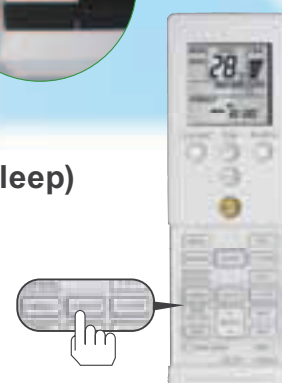
Low noise mode for outdoor unit

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

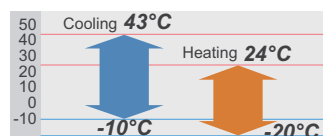


3 Mode timer (Weekly/Program/Sleep)

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

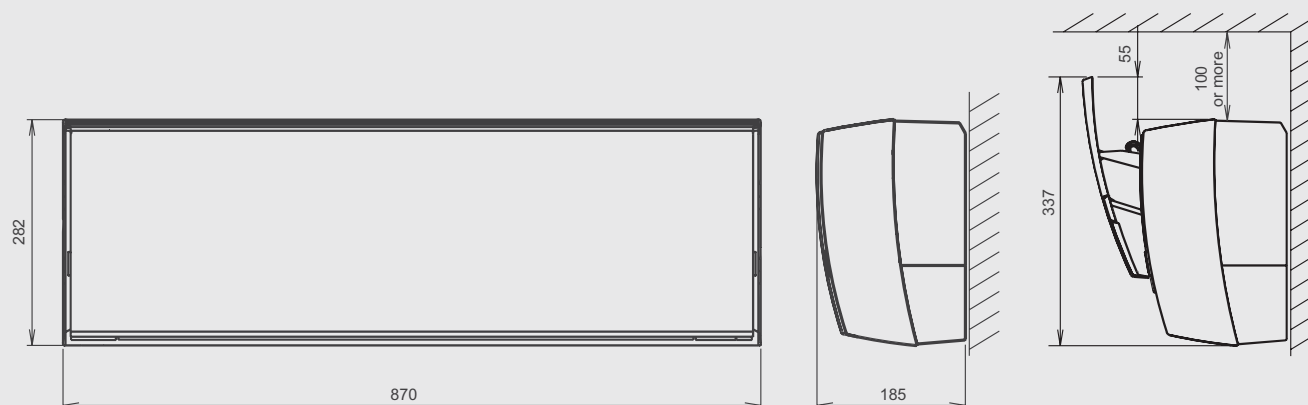


Optional parts

- Wired Remote Controller: UTY-RNNXM
- Simple Remote Controller: UTY-RSNXM
- Communication Kit: UTY-TWBXF

Dimensions Models: RSG09LT / RSG12LT

(Unit : mm)



INVERTER Wall Mounted



(12/14) (07/09)

i
i-PAM

V
V-PAM

↑↓
Up/Down

↔
Adjust

R
Restart

Auto
Changeover

10°C
HEAT

Economy

POWERFUL

Low noise

Sleep

Program

Weekly

Filter

Ion

AF



Wireless R.C.



For RSG07/09LU



For RSG12/14LU

CLASS A

RSG07LU NEW

CLASS A

RSG09LU NEW

CLASS A

RSG12LU NEW

CLASS A

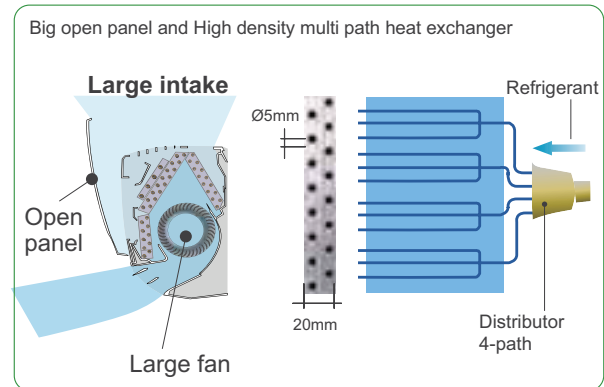
RSG14LU NEW

Thin & Slim design

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



H282 X W870 X D185



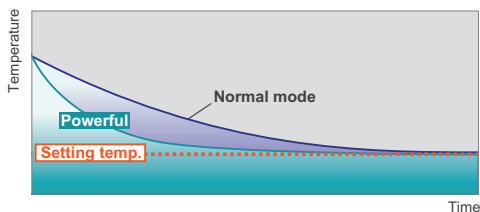
Specifications

Model No.	Indoor unit		RSG07LU	RSG09LU	RSG12LU	RSG14LU
	Outdoor unit		ROG07LU	ROG09LU	ROG12LU	ROG14LU
Power Source	V/∅/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		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
	Heating					
Noise (Outdoor)	Cooling		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(21)	9.5(21)	9.5(21)	9.5(21)
	Outdoor	mm	540x660x290	540x660x290	540x790x290	540x790x290
		kg(lbs)	23(51)	25(55)	33(73)	34(75)
Piping Connections (Small / Large)			mm	6.35/9.52	6.35/9.52	6.35/9.52
Drain Pipe Diameter (Inner/Outer)				16/29	16/29	16/29
Max Pipe Length (Chargeless)			m	20(15)	20(15)	20(15)
Max Height Difference				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.

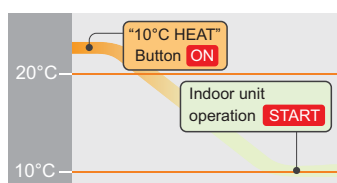
Powerful operation

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



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

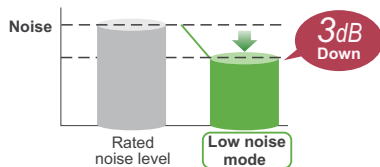


Caution

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

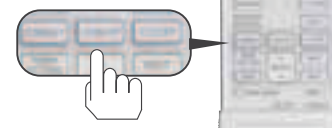
Low noise mode for outdoor unit

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



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.

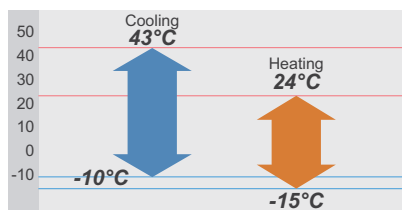


Filter sign display

Indicates the filter cleaning period by lamp.



Low ambient operation

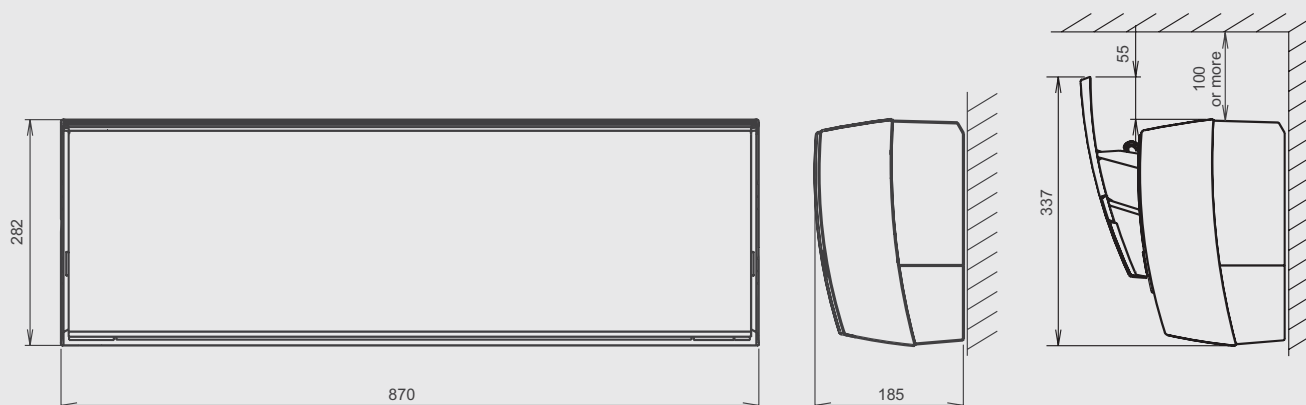


Optional parts

Wired Remote Controller: UTY-RNXXM
 Simple Remote Controller: UTY-RSNXM
 Communication Kit: UTY-TWBXF

Dimensions Models: RSG07LU / RSG09LU / RSG12LU / RSG14LU

(Unit : mm)



INVERTER Wall Mounted

Simple design with energy saving.



RSG07/09/12LE



RSG14LE



Wireless R.C.



For RSG14LE



For RSG07/09/12LE

CLASS ALL
A **DC**

RSG07LE **NEW**

CLASS ALL
A **DC**

RSG09LE **NEW**

CLASS ALL
A **DC**

RSG12LE **NEW**

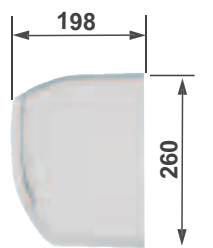
CLASS ALL
A **DC**

RSG14LE **NEW**

i-PAM (12/14) V-PAM (07/09) Up/Down Adjust Restart Auto Changeover HEAT 10°C Economy POWERFUL Low noise Sleep Program Filter Ion AF Wash

Compact design

Indoor unit



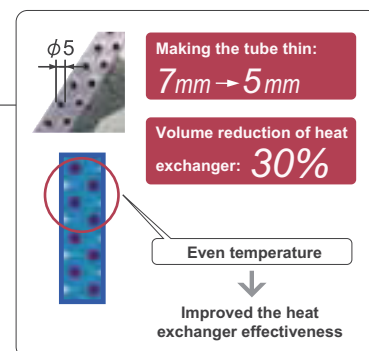
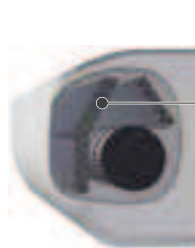
For RSG07/09/12LE

Outdoor unit



For ROG07/09/12LE

High density heat exchanger arrangement



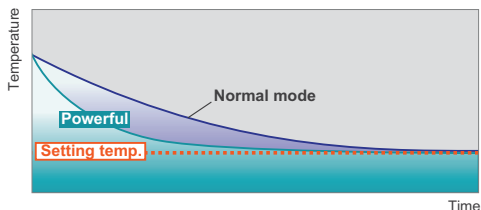
Specifications

Model No.	Indoor unit		RSG07LE	RSG09LE	RSG12LE	RSG14LE
	Outdoor unit		ROG07LE	ROG09LE	ROG12LE	ROG14LE
Power Source	V/∅/Hz		230/1/50	230/1/50	230/1/50	230/1/50
Capacity	Cooling	kW	2.1	2.5	3.4	4.0
	Heating	kW	3.0	3.2	4.0	5.0
Input Power	Cooling/Heating	kW	0.47/0.69	0.64/0.75	0.92/0.99	1.11/1.31
EER - Energy Class	Cooling	W/W	4.47-A	3.91-A	3.70-A	3.62-A
COP - Energy Class	Heating	W/W	4.38-A	4.27-A	4.04-A	3.83-A
Running Current	Cooling/Heating	A	2.7/3.5	3.5/3.8	4.4/4.7	5.3/6.0
Moisture Removal	l/h		1.3	1.3	1.8	2.1
Noise (Indoor)	Cooling	H/M/L/Q	43/38/31/21	43/38/31/21	43/38/31/21	*
Noise (Outdoor)	Cooling	dB(A)	45	45	50	49
Airflow Rate (High)	Indoor / Outdoor	m³/h	690/1720	690/1720	690/1830	*
Net Dimension H x W x D	Indoor	mm	260X790X198	260X790X198	260X790X198	280X790X203
		kg(lbs)	7.5(16.5)	7.5(16.5)	7.5(16.5)	8.0(17.6)
	Outdoor	mm	540X660X290	540X660X290	540X660X290	540X790X290
		kg(lbs)	23(50.6)	23(50.6)	29(63.8)	35(77)
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.

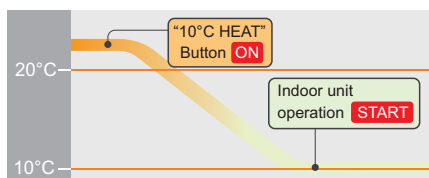
Powerful operation

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



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

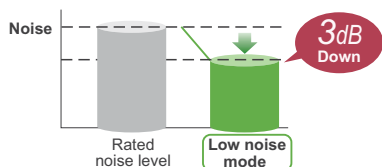


Caution

- 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.

Low noise mode for outdoor unit

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



Easy maintenance

Removable & washable panel



Filter sign display

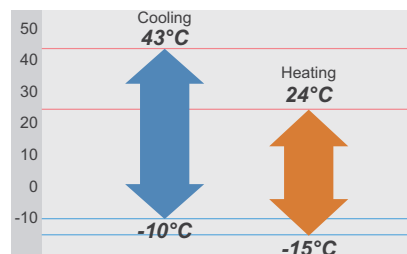
Indicates the filter cleaning period by lamp.

Quiet operation

Cooling mode (07/09/12 TYPE)

Fan speed	Noise level
Quiet	21dB _(A)

Low ambient operation



Optional parts

Wired Remote Controller: UTY-RNNXM

Simple Remote Controller: UTY-RSNXM

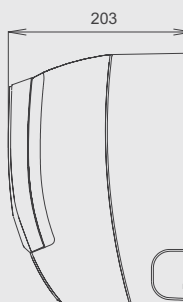
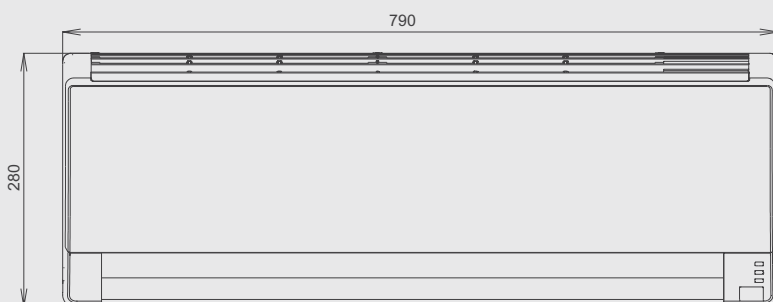
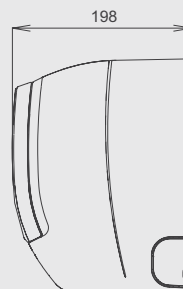
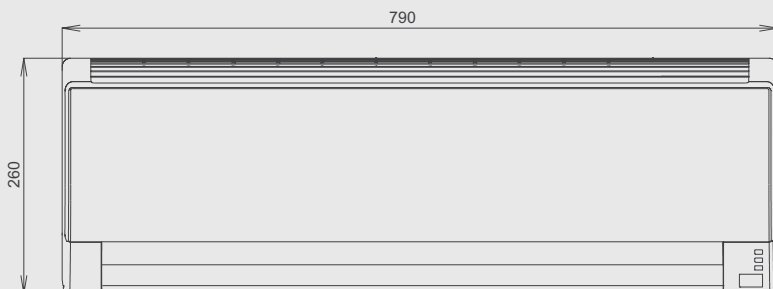
Communication Kit: UTY-XCBXE (07/09/12 Type)
UTY-XCBXZ1 (14 Type)

External Connect Kit: UTY-XWZX

Dimensions

Models: RSG07LE / RSG09LE / RSG12LE / RSG14LE

(Unit : mm)



INVERTER Wall Mounted

Simple & Elegant Appearance Design

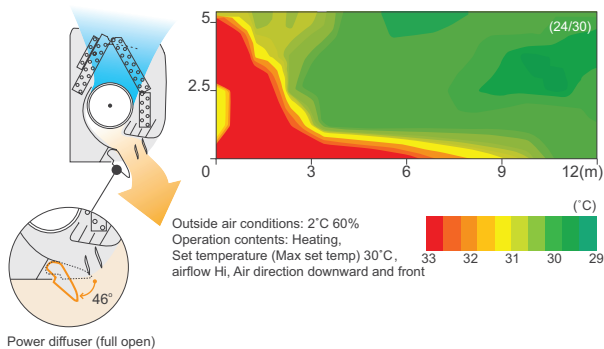
CLASS **A** ALL **DC** RSG18LF **NEW**

CLASS **A** ALL **DC** RSG24LF **NEW**

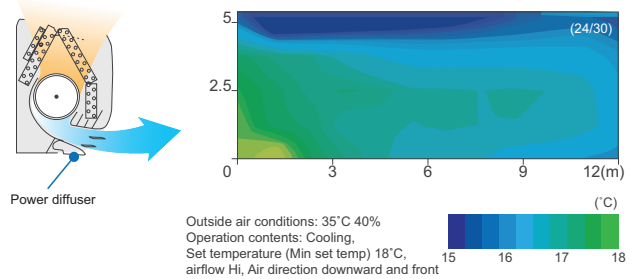
CLASS **A** ALL **DC** RSG30LF **NEW**

For RSG18LF For RSG24LF For RSG30LF

“Vertical airflow” provides powerful floor level heating



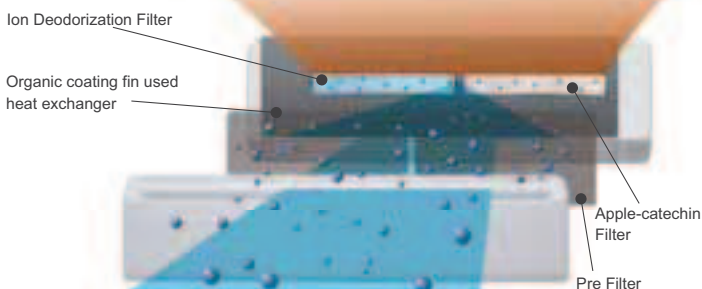
“Horizontal airflow” does not blow cool air directly at the occupants in the room



Specifications

Model No.	Indoor unit		RSG18LF	RSG24LF	RSG30LF
	Outdoor unit		ROG18LF	ROG24LF	ROG30LF
Power Source	V/Ø/Hz		230/1/50	230/1/50	230/1/50
Capacity	Cooling	kW	5.20(0.9~6.0)	7.10(0.9~8.0)	8.00(2.9~9.0)
	Heating		6.30(0.9~9.1)	8.00(0.9~10.6)	8.80(2.2~11.0)
Input Power	Cooling/Heating	kW	1.52/1.71	2.20/2.21	2.49/2.44
EER - Energy Class	Cooling	W/W	3.42-A	3.23-A	3.21-A
COP - Energy Class	Heating		3.68-A	3.61-A	3.61-A
Running Current	Cooling/Heating	A	6.8/7.6	9.7/9.8	10.9/10.7
Moisture Removal	l/h		2.8	2.7	3.2
Noise (Indoor)	Cooling	H/M/L/Q	43/37/33/26		48/42/37/33
Noise (Outdoor)	Cooling		51		
Airflow Rate (High)	Indoor/Outdoor	m³/h	900/2070	1100/2340	1100/3600
Net Dimension H x W x D	Indoor	mm	320X998X238		320X998X238
		kg(lbs)	14(30.8)		
	Outdoor	mm	620X790X298		830X900X330
		kg(lbs)	40(88)		
Piping Connections (Small / Large)	mm		6.35/12.8	6.35/15.88	9.52/15.88
Drain Pipe Diameter (Inner/Outer)	mm		16/29	16/29	16/29
Max Pipe Length (Chargeless)	m		25(15)	30(15)	50(20)
Height Difference	m		20	20	30
Operation Range	Cooling	°CDB	-10~46		-10~46
	Heating		-15~24		
Refrigerant			R410A	R410A	R410A

Air conditioner filter features



Antibacterial deodorizing pre-filter with special ceramic powder

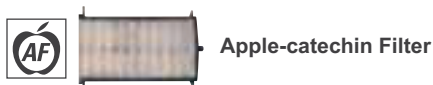


Long-life* Ion Deodorization Filter

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

(*The filter can be used for approx. 3 years if it is washed under water to restore its surface action when it is dirty.)

+ Using different filters at both sides



Apple-catechin Filter

Fine dust, invisible mold spores, and harmful microorganisms are absorbed onto the filter by static electricity, and further growth is inhibited and deactivated by the polyphenol extracted from apples.

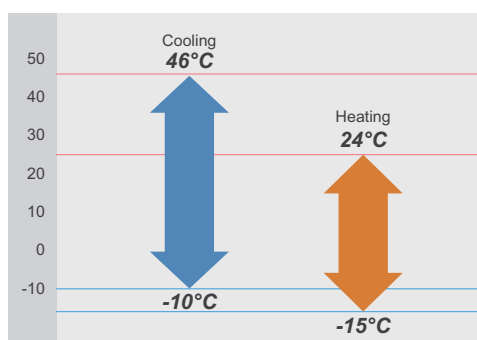
Flexible Installation

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

Easy maintenance

Simplification of drain pan cleaning improves maintenance-ability.

Low ambient operation



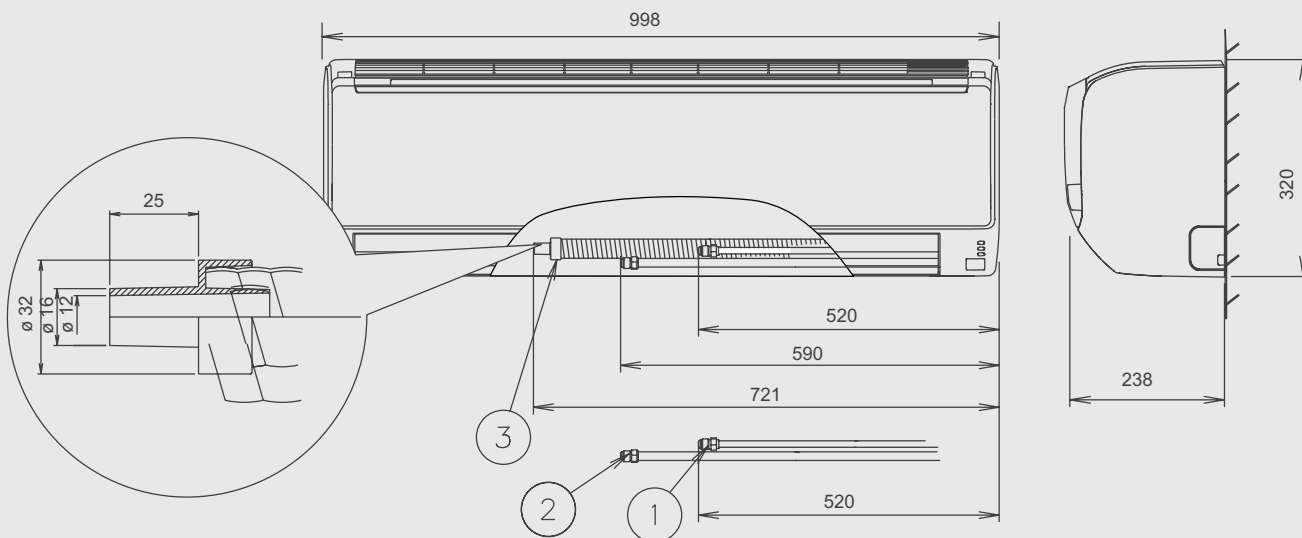
Optional parts

- Wired Remote Controller: UTY-RNNXM
- Simple Remote Controller: UTY-RSNXM
- External Connect Kit: UTY-XWZX

Dimensions

Models: RSG18LF / RSG24LF / RSG30LF

(Unit : mm)



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