

NEW PRODUCT RELEASE

Split Air Conditioner **Wall-mounted**

Model:
 ASEH07KMCG-B / AOEH07KMCG
 ASEH09KMCG-B / AOEH09KMCG
 ASEH12KMCG-B / AOEH12KMCG
 ASEH14KMCG-B / AOEH14KMCG



Soft Black

Design Concept:

Mixture of modernity and naturalness
 Provide harmony with the housing interior



Impression of Soft Black

Soft Black is a natural black color with a relatively gentle tone and no strong contrast. A Soft Black harmonizes with the environment and creates a warm atmosphere.

High energy saving

High-efficiency has been achieved by the lambda-shaped heat exchanger, large cross-flow fan, and the new refrigerant.



*07/09/12 models

SEER

8.40*

*07/09 models

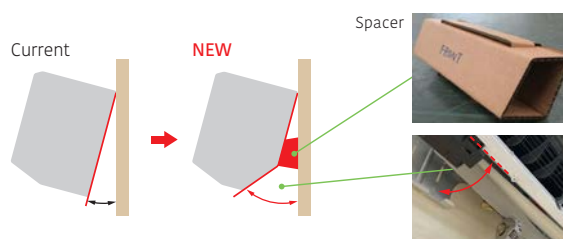
SCOP

4.60*

*07/09/12 models

Easy access to the flare pipe connection

Installation when left outlet piping is easier by removable under cover of the indoor unit chassis. Installation when center outlet piping is easier by design change of wall hook bracket. A Spacer is included to secure space and improve work efficiency.





Wirless R.C.



ASEH07/09/12/14KMCG-B



AOEH07/ 09/12KMCG



AOEH14KMCG

Specifications

Model No.	Indoor unit			ASEH07KMCG-B	ASEH09KMCG-B	ASEH12KMCG-B	ASEH14KMCG-B
	Outdoor unit			AOEH07KMCG	AOEH09KMCG	AOEH12KMCG	AOEH14KMCG
Power Source				Single phase, 230V, ~50Hz			
Capacity	Cooling	Rated	kW	2.0	2.5	3.4	4.2
		Min-Max		0.9-3.0	0.9-3.2	0.9-3.9	0.9-4.4
	Heating	Rated		2.5	2.8	4.0	5.4
		Min-Max		0.9-3.4	0.9-4.0	0.9-5.3	0.9-6.0
Input Power	Cooling/Heating		kW	0.450 / 0.555	0.650 / 0.620	0.960 / 1.020	1.220 / 1.410
EER	Cooling		W/W	4.43	3.85	3.54	3.44
COP	Heating			4.52	4.52	3.92	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	8.40	8.40	7.70	7.10
SCOP	Heating (Average)			4.60	4.60	4.60	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	83	104	155	207
	Heating			700	730	761	1,366
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
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	m³/h	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		720 / 1,450	750 / 1,450	780 / 1,470	820 / 1,580
	Outdoor	mm		270 × 834 × 222	270 × 834 × 222	270 × 834 × 222	270 × 834 × 222
Weight	Indoor	kg	541 × 663 × 290	541 × 663 × 290	541 × 663 × 290	542 × 799 × 290	
	Outdoor	kg	10	10	10	10	
Connection Pipe Diameter (Liquid / Gas)			mm	22	22	24	31
Drain hose Diameter (I.D./O.D.)			mm	6.35 / 9.52	6.35 / 9.52	6.35 / 9.52	6.35 / 9.52
Max. Pipe Length (Pre-Charge)				13.8 / 15 to 16.8	13.8 / 15 to 16.8	13.8 / 15 to 16.8	13.8 / 15 to 16.8
Max. Height Difference			m	20 (15)	20 (15)	20 (15)	20 (15)
Operating Range	Cooling		°CDB	15	15	15	15
	Heating			-10 to 50	-10 to 50	-10 to 50	-10 to 50
Refrigerant	Type (Global Warming Potential)			-15 to 24	-15 to 24	-15 to 24	-15 to 24
	Charge	kg(CO2eq-T)	R32 (675)	R32 (675)	R32 (675)	R32 (675)	
				0.60 (0.405)	0.60 (0.405)	0.70 (0.473)	0.85 (0.574)

Note : Specifications are based on the following conditions.

Cooling : Indoor temperature of 27°CDB / 19°CWB, and outdoor temperature of 35°CDB / 24°CWB.

Heating : Indoor temperature of 20°CDB / (15°CWB), and outdoor temperature of 7°CDB / 6°CWB.

Optional parts

Wired remote controller (touch panel): UTY-RNRYZ5
Wired remote controller: UTY-RLRY
Simple remote controller: UTY-RSRY, UTY-RHRY
Wired remote controller (Design type): UTY-RVRY
Compact wired remote controller: UTY-RCRYZ1

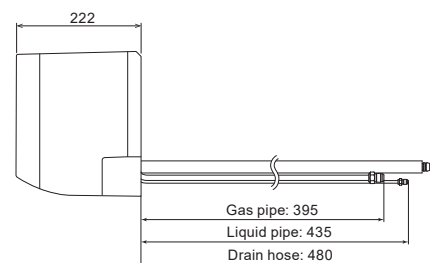
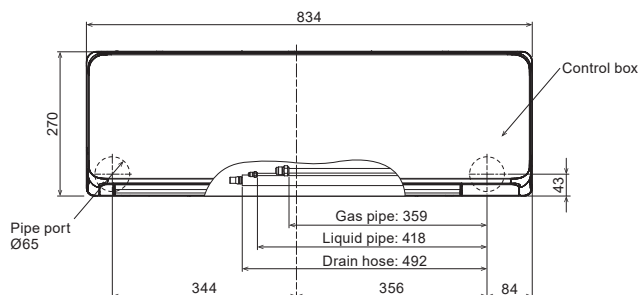
Communication Kit: UTY-TWRXZ2
External input and output PCB*: UTY-XCSXZ2
External Connect Kit: UTY-XWZX
UTY-XWZXZ5
External switch controller: UTY-TERX

KNX® converter: UTY-VKX
MODBUS® converter: UTY-VMSX
Network converter for single-split type: UTY-VTGX, UTY-VTGXV
Silver Ion Filter: UTR-FA16-5

*1 It is required when 2 or more external input and output ports are used.

Dimensions

(Unit : mm)



ISO 9001
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ISO 14001
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