

Nordic KM Series

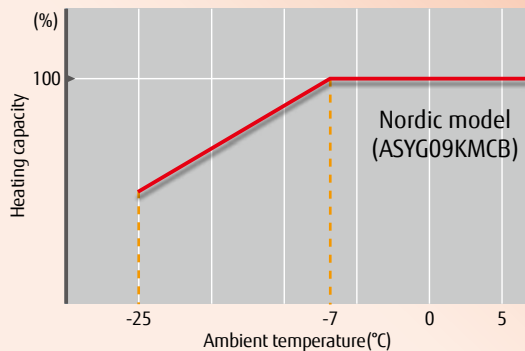
ASYG09KMCB / AOYG09KM CBN
 ASYG12KMCB / AOYG12KM CBN
 ASYG14KMCB / AOYG14KM CBN



Powerful heating capacity even during low ambient temperature

Heating capacity at low ambient temperatures is greatly enhanced due to large heat exchanger volume and large cross-flow fan on indoor unit.

- Keeps rated heating capacity even at -7°C outdoor temperature. (09 model)
- Corresponds to heating operation at -25°C outdoor temperature.



Anti-freezing technologies

Steel material & Wide opening structure

Avoid freezing easily

Wide machinery space

Preventing the contact of each part even when freezing

Base heater

Enough capacity of the heater and its best layout

Anti-freezing parts

Wire and electronic parts under low ambient temperature correspondence

High performance technologies

High efficiency large heat exchanger

High performance DC twin rotary compressor



Adopting new refrigerant R32

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



Amount of refrigerant

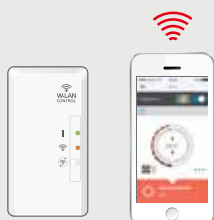
-29%

(Compared with previous 14model (R410A).)



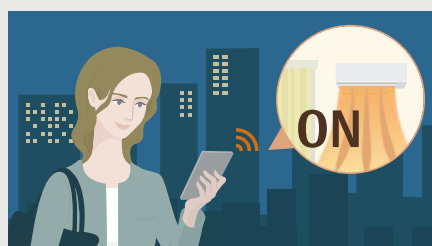
Smartphone Control (Option)

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



Wireless LAN Interface

The exclusive Wi-Fi adaptor enables to operate the air conditioner by smartphone or tablet PC from outside.



You can make comfortable living space by turning on air conditioner before coming home.



It's economic that you can turn off air conditioner from outside even if forgetting to turn off air conditioner.

Model : ASYG09KMCB / ASYG12KMCB / ASYG14KMCB
AOYG09KMCBN / AOYG12KMCBN / AOYG14KMCBN



Wireless RC



ASYG09/12/14KMCB



AOYG09/12/14KMCBN

Optional parts

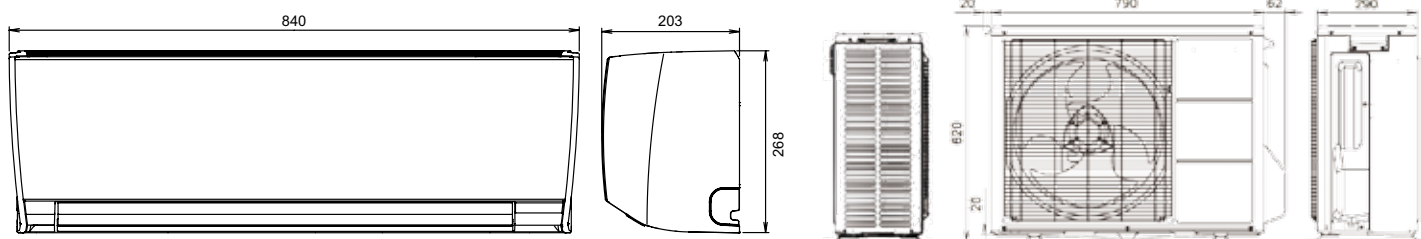
Wired Remote Controller	: UTY-RVNYM, UTY-RNNYM	Simple Remote Controller	: UTY-RSNYM	Communication Kit	: UTY-XCBXZ2
External Connect Kit	: UTY-XWZXZ5	Wireless LAN Interface	: UTY-TFNXZ1		

Dimensions

Indoor unit : ASYG09/12/14KMCB

Outdoor Unit : AOYG09/12/14KMCBN

(Unit : mm)



Specifications

Model name		Indoor		Outdoor		ASYG09KMCB	ASYG12KMCB	ASYG14KMCB
		Outdoor				AOYG09KMCBN	AOYG12KMCBN	AOYG14KMCBN
Power supply				Ø/V/Hz		single phase / 230 / 50		
Cooling	Capacity	Rated		kW		2.50	3.40	4.20
		Min-Max		Btu / h		8,500	11,600	14,300
	Input		kW		1.0 - 3.2	1.0 - 4.15	1.1 - 4.8	
	EER		kW / kW		0.630	0.925	1.205	
	Pdesign cooling		kW		3.97	3.68	3.49	
	SEER		-		2.50	3.40	4.20	
	Energy rank		-		6.50	6.90	7.10	
	Noise	Indoor	Sound pressure	Hi	dB(A)	43	43	44
				Qu		21	21	25
			Power level	Hi		59	59	60
Outdoor		Sound pressure	Hi	48		49	49	
			Power level	Hi		63	65	65
		Energy rank		-		A++	A++	A++
Heating	Capacity	Rated		kW		3.20	4.00	5.40
		Min-Max		Btu / h		10,900	13,600	18,400
	Input		kW		0.9 - 5.2	0.9 - 5.7	1.1 - 6.0	
	COP		kW / kW		0.730	0.990	1.560	
	Pdesign heating (-10°C)		kW		4.38	4.04	3.46	
	SCOP		-		3.00	3.60	4.50	
	Energy rank		-		4.10	4.10	4.10	
	Noise	Indoor	Sound pressure	Hi	dB(A)	43	43	44
				Qu		22	22	27
			Power level	Hi		59	59	60
Outdoor		Sound pressure	Hi	43		47	47	
			Power level	Hi		59	63	63
		Energy rank		-		A+	A+	A+
Dimensions	Indoor	H×W×D		mm	268 × 840 × 203	268 × 840 × 203	268 × 840 × 203	
		Weight		kg	8.5	8.5	8.5	
	Outdoor	H×W×D		mm	620 × 790 × 290	620 × 790 × 290	620 × 790 × 290	
		Weight		kg	35	35	35	
Piping	Connection Pipe Diameter (Liquid / Gas)			mm	6.35 / 9.52	6.35 / 9.52	6.35 / 9.52	
	Max pipe length			m	20	20	20	
	Pre charge pipe length			m	15	15	15	
	Max height difference			m	15	15	15	
Operation range	Cooling			°C	10 to 43	10 to 43	10 to 43	
	Heating			°C	-25 to 24	-25 to 24	-25 to 24	
Refrigerant	Amount of Refrigerant (type)			g	850 (R32)	850 (R32)	850 (R32)	

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.



- Specifications and design are subject to change without notice for further improvement.
- Actual products' colors may be different from the colors shown in this printed material.

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