

# 14 Big Ceiling

## 14-1. Specifications

Model				AM112JNC DKH/TK	AM140JNC DKH/TK
Power Supply			Ø, #, V, Hz	1,2,220-240,50/60	1,2,220-240,50/60
Mode			-	HP/HR	HP/HR
Performance	Capacity (Nominal)	Cooling	kW	11.20	14.00
			Btu/h	38,200	47,800
		Heating	kW	12.50	16.00
			Btu/h	42,700	54,600
Power	Power Input (Nominal)	Cooling	W	92.00	160.00
		Heating	W	80.00	160.00
	Current Input (Nominal)	Cooling	A	0.94	1.45
		Heating	A	0.83	1.45
Fan	Motor	Type	-	Sirocco Fan	Sirocco Fan
		Output x n	w	260 x 1	355 x 1
	Air Flow Rate	H/M/L (UL)	CMM	29.30 / 23.90 / 18.50	36.40 / 30.80 / 26.00
			l/s	488.33 / 398.33 / 308.33	606.67 / 513.33 / 433.33
	External Pressure	Min/Std/Max	mmAq	-	-
Pa			-	-	
Piping Connections	Liquid Pipe	Ø, mm	9.52	9.52	
		Ø, inch	3/8"	3/8"	
	Gas Pipe	Ø, mm	15.88	15.88	
		Ø, inch	5/8"	5/8"	
Drain Pipe	Ø, mm	VP25 (OD 25, ID 20)	VP25 (OD 25, ID 20)		
Field Wiring	Power Source Wire	mm <sup>2</sup>	1.5 - 2.5	1.5 - 2.5	
	Transmission Cable	mm <sup>2</sup>	0.75 - 1.50	0.75 - 1.50	
Refrigerant	Type	-	R410A	R410A	
	Control Method	-	EEV INCLUDED	EEV INCLUDED	
Sound	Pressure	High / Mid / Low	dB(A)	45 / 41 / 37	46 / 43 / 38
	Power	Cooling		61	63
Dimension	Net Weight		kg	33.5	42.5
	Shipping Weight		kg	39.5	48.5
	Net Dimensions (WxHxD)		mm	1,350 x 235 x 675	1,650 x 235 x 675
	Shipping Dimensions (WxHxD)		mm	1,439 x 758 x 321	1,739 x 758 x 321
Panel Size	Panel model		-	-	-
	Panel Net Weight		kg	-	-
	Shipping Weight		kg	-	-
	Net Dimensions (WxHxD)		mm	-	-
	Shipping Dimensions (WxHxD)		mm	-	-
Additional Accessories	Drain Pump	Drain Pump	- / Model	-	-
		Max. lifting Height / Displacement	mm/liter/h	-	-
	Air Filter		-	-	-

\* Specifications may be subject to change without prior notice for product improvement.

\*1) Mode

- HP : Heat Pump, HR : Heat Recovery

\*2) Nominal cooling capacities are based on;

- Indoor temperature : 27°C DB, 19°C WB

- Outdoor temperature : 35°C DB, 24°C WB, Equivalent refrigerant piping : 7.5m, Level differences : 0m

\*3) Nominal heating capacities are based on;

- Indoor temperature : 20°C DB, 15°C WB

- Outdoor temperature : 7°C DB, 6°C WB, Equivalent refrigerant piping : 7.5m, Level differences : 0m

\*4) Sound pressure was acquired in an anechoic room. Thus actual noise level may be different depending on the installation conditions.

\*5) These products contain R410A which have a global warming potential (GWP) greater than 150.

\* Heat Exchanger type : Fin & Tube (Fin : Al, Tube : Cu)