

## 5-1 Specifications

Model			AM045KN4DEH/TK	AM056KN4DEH/TK	AM071KN4DEH/TK	AM090KN4DEH/TK		
Power Supply			Ø, #, V, Hz	1,2,220-240,50	1,2,220-240,50	1,2,220-240,50		
Mode			-	HP/HR	HP/HR	HP/HR		
Performance	Ton		TON	1.28	1.59	2.02	2.56	
			kW	4.50	5.60	7.10	9.00	
	Capacity (Nominal)	Cooling		Btu/h	15,400	19,100	24,200	30,700
				US RT	1.28	1.59	2.02	2.56
		Heating		kW	5.00	6.30	8.00	10.00
				Btu/h	17,100	21,500	27,300	34,100
	US RT		1.42	1.79	2.27	2.84		
Power	Power Input	Cooling	W	26.00	30.00	34.00	55.00	
		Heating		26.00	30.00	34.00	55.00	
	Current Input	Cooling	A	0.18	0.21	0.25	0.42	
		Heating		0.18	0.21	0.25	0.42	
Fan	Type		-	Turbo Fan	Turbo Fan	Turbo Fan	Turbo Fan	
	Output x n		W	65 x 1	65 x 1	65 x 1	65 x 1	
	Air Flow Rate	H/M/L (UL)	CMM	14.50 / 13.50 / 12.50	16.00 / 14.50 / 13.50	18.00 / 16.00 / 14.00	22.00 / 18.50 / 16.00	
			CFM	512.08 / 476.77 / 441.45	565.06 / 512.08 / 476.77	635.69 / 565.06 / 494.42	776.95 / 653.35 / 565.06	
	External Static Pressure	Min / Std / Max	Pa	-	-	-	-	
In Wg			-	-	-	-		
Piping Connections	Liquid Pipe		Ø, mm	6.35	6.35	9.52	9.52	
			Ø, inch	1/4"	1/4"	3/8"	3/8"	
	Gas Pipe		Ø, mm	12.70	12.70	15.88	15.88	
			Ø, inch	1/2"	1/2"	5/8"	5/8"	
Drain Pipe		Ø, mm	VP25 (OD 32,ID 25)	VP25 (OD 32,ID 25)	VP25 (OD 32,ID 25)	VP25 (OD 32,ID 25)		
Field Wiring	Power Source Wire		mm <sup>2</sup>	1.5 - 2.5	1.5 - 2.5	1.5 - 2.5	1.5 - 2.5	
	Transmission Cable		mm <sup>2</sup>	0.75 - 1.50	0.75 - 1.50	0.75 - 1.50	0.75 - 1.50	
Refrigerant	Type		-	R410A	R410A	R410A	R410A	
	Control Method		-	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED	
Sound	Pressure High / Mid / Low		dB(A)	33 / 31 / 29	34 / 32 / 29	36 / 33 / 30	40 / 36 / 32	
	Power Cooling			50	51	53	57	
Dimensions	Net Weight		kg	21.00	21.00	21.00	21.00	
			lbs	46.30	46.30	46.30	46.30	
	Shipping Weight		kg	25.00	25.00	25.00	25.00	
			lbs	55.12	55.12	55.12	55.12	
	Net Dimensions (WxHxD)		mm	947 x 281 x 947	947 x 281 x 947	947 x 281 x 947	947 x 281 x 947	
			inch	37.28 x 11.06 x 37.28	37.28 x 11.06 x 37.28	37.28 x 11.06 x 37.28	37.28 x 11.06 x 37.28	
Shipping Dimensions (WxHxD)		mm	990 x 330 x 990	990 x 330 x 990	990 x 330 x 990	990 x 330 x 990		
		inch	38.98 x 12.99 x 38.98	38.98 x 12.99 x 38.98	38.98 x 12.99 x 38.98	38.98 x 12.99 x 38.98		
Panel Size	Panel model		-	PC4NUDMAN	PC4NUDMAN	PC4NUDMAN	PC4NUDMAN	
	Panel Net Weight		kg	3.60	3.60	3.60	3.60	
			lbs	7.94	7.94	7.94	7.94	
	Shipping Weight		kg	6.00	6.00	6.00	6.00	
			lbs	13.23	13.23	13.23	13.23	
	Net Dimensions (WxHxD)		mm	1,000 x 66 x 1,000	1,000 x 66 x 1,000	1,000 x 66 x 1,000	1,000 x 66 x 1,000	
		inch	39.37 x 2.60 x 39.37	39.37 x 2.60 x 39.37	39.37 x 2.60 x 39.37	39.37 x 2.60 x 39.37		
Shipping Dimensions (WxHxD)		mm	1,093 x 85 x 1,083	1,093 x 85 x 1,083	1,093 x 85 x 1,083	1,093 x 85 x 1,083		
		inch	43.03 x 3.35 x 42.64	43.03 x 3.35 x 42.64	43.03 x 3.35 x 42.64	43.03 x 3.35 x 42.64		
Additional Accessories	Drain pump	Drain pump	-	-	-	-		
		Max. lifting Height/Displacemen	mm/liter/h	-	-	-	-	
	Air Filter		-	-	-	-	-	

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

- 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 : 5m, Level differences : 0m
  - 46°C cooling capacities are based on;
    - Indoor temperature : 29°C DB, 19°C WB
    - Outdoor temperature : 46°C DB, 24°C WB, Equivalent refrigerant piping : 5m, Level differences : 0m
  - Sound pressure was acquired in an anechoic room. Thus actual noise level may be different depending on the installation conditions.
  - These products contain R410A which is fluorinated greenhouse gas.
  - Panel type is option. (Ceiling Type/Open Type)
- About each detail spec, please refer to Dimensional Drawing pages.

## 5-1 Specifications

Model			AM112KN4DEH/TK	AM128KN4DEH/TK	AM140KN4DEH/TK	
Power Supply		Ø, #, V, Hz	1,2,220-240,50	1,2,220-240,50	1,2,220-240,50	
Mode		-	HP/HR	HP/HR	HP/HR	
Performance	Ton	TON	3.18	3.64	3.98	
		kW	11.20	12.80	14.00	
	Capacity (Nominal)	Cooling	Btu/h	38,200	43,700	47,800
			US RT	3.18	3.64	3.98
		Heating	kW	12.50	13.80	16.00
			Btu/h	42,700	47,100	54,600
US RT	3.55	3.92	4.55			
Power	Power Input	Cooling	W	53.00	77.00	91.00
		Heating	W	53.00	77.00	91.00
	Current Input	Cooling	A	0.41	0.62	0.75
		Heating	A	0.41	0.62	0.75
Fan	Type		-	Turbo Fan	Turbo Fan	Turbo Fan
	Output x n		W	97 x 1	97 x 1	97 x 1
	Air Flow Rate	H/M/L (UL)	CMM	25.50 / 21.00 / 17.50	29.50 / 24.00 / 19.00	31.50 / 26.50 / 21.00
			CFM	900.56 / 741.64 / 618.03	1,041.82 / 847.58 / 671.00	1,112.45 / 935.87 / 741.64
	External Static Pressure	Min / Std / Max	Pa	-	-	-
In Wg			-	-	-	
Piping Connections	Liquid Pipe		Ø, mm	9.52	9.52	9.52
			Ø, inch	3/8"	3/8"	3/8"
	Gas Pipe		Ø, mm	15.88	15.88	15.88
			Ø, inch	5/8"	5/8"	5/8"
	Drain Pipe		Ø, mm	VP25 (OD 32, ID 25)	VP25 (OD 32, ID 25)	VP25 (OD 32, ID 25)
Field Wiring	Power Source Wire		mm <sup>2</sup>	1.5 - 2.5	1.5 - 2.5	1.5 - 2.5
	Transmission Cable		mm <sup>2</sup>	0.75 - 1.50	0.75 - 1.50	0.75 - 1.50
Refrigerant	Type		-	R410A	R410A	R410A
	Control Method		-	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED
Sound	Pressure High / Mid / Low		dB(A)	40 / 36 / 32	42 / 38 / 33	44 / 40 / 35
	Power	Cooling		58	60	61
Dimensions	Net Weight		kg	24.00	24.00	24.00
			lbs	52.91	52.91	52.91
	Shipping Weight		kg	29.00	29.00	29.00
			lbs	63.93	63.93	63.93
	Net Dimensions (WxHxD)		mm	947 x 365 x 947	947 x 365 x 947	947 x 365 x 947
			inch	37.28 x 14.37 x 37.28	37.28 x 14.37 x 37.28	37.28 x 14.37 x 37.28
	Shipping Dimensions (WxHxD)		mm	990 x 414 x 990	990 x 414 x 990	990 x 414 x 990
			inch	38.98 x 16.30 x 38.98	38.98 x 16.30 x 38.98	38.98 x 16.30 x 38.98
Panel Size	Panel model		-	PC4NUDMAN	PC4NUDMAN	PC4NUDMAN
	Panel Net Weight		kg	3.60	3.60	3.60
			lbs	7.94	7.94	7.94
	Shipping Weight		kg	6.00	6.00	6.00
			lbs	13.23	13.23	13.23
	Net Dimensions (WxHxD)		mm	1,000 x 66 x 1,000	1,000 x 66 x 1,000	1,000 x 66 x 1,000
			inch	39.37 x 2.60 x 39.37	39.37 x 2.60 x 39.37	39.37 x 2.60 x 39.37
	Shipping Dimensions (WxHxD)		mm	1,093 x 85 x 1,083	1,093 x 85 x 1,083	1,093 x 85 x 1,083
inch			43.03 x 3.35 x 42.64	43.03 x 3.35 x 42.64	43.03 x 3.35 x 42.64	
Additional Accessories	Drain pump	Drain pump	-	-	-	
		Max. lifting Height/Displacemen	mm/liter/h	-	-	-
	Air Filter		-	-	-	-

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

1) 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 : 5m, Level differences : 0m

2) 46°C cooling capacities are based on;

- Indoor temperature : 29°C DB, 19°C WB

- Outdoor temperature : 46°C DB, 24°C WB, Equivalent refrigerant piping : 5m, Level differences : 0m

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

4) These products contain R410A which is fluorinated greenhouse gas.

5) Panel type is option. (Ceiling Type/Open Type)

About each detail spec, please refer to Dimensional Drawing pages.