

Model				AM022FNQDEH***	AM028FNQDEH***	AM036FNQDEH***	AM045FNQDEH***	AM056FNQDEH***	AM071FNQDEH***
Power Supply			Ø, #, V, Hz	1, 2, 220~240, 50	1, 2, 220~240, 50	1, 2, 220~240, 50	1, 2, 220~240, 50	1, 2, 220~240, 50	1, 2, 220~240, 50
Mode ¹⁾			-	HP/HR	HP/HR	HP/HR	HP/HR	HP/HR	HP/HR
Performance	Capacity (Nominal)	Cooling ²⁾	kW	2.2	2.8	3.6	4.5	5.6	6.8
			Btu/h	7,500	9,600	12,300	15,400	19,100	23,200
		Heating ³⁾	kW	2.5	3.2	4.0	5.0	6.3	7.0
			Btu/h	8,500	10,900	13,600	17,100	21,500	23,900
Power	Power Input (Nominal)	Cooling ²⁾	W	25	25	30	40	45	50
		Heating ³⁾		25	25	30	40	45	50
	Current Input (Nominal)	Cooling ²⁾	A	0.16	0.16	0.18	0.24	0.27	0.30
		Heating ³⁾		0.16	0.16	0.18	0.24	0.27	0.30
Fan	Motor	Type	-	Crossflow Fan	Crossflow Fan	Crossflow Fan	Crossflow Fan	Crossflow Fan	Crossflow Fan
		Output	W	23	23	23	40	40	40
		Number of unit	EA	1	1	1	1	1	1
	Air Flow Rate	H/M/L (UL)	CMM	7.80/6.80/5.80	7.80/6.80/5.80	9.30/8.30/7.30	11.70/10.20/8.70	13.00/10.50/9.00	14.00/12.50/11.00
			l/s	130.00/113.33/96.67	130.00/113.33/96.67	155.00/138.33/121.67	195.00/170.00/145.00	216.67/175.00/150.00	233.33/208.33/183.33
	External Pressure	Min / Std / Max	mmAq	-	-	-	-	-	-
			Pa	-	-	-	-	-	-
			WG	-	-	-	-	-	-
Option Code			-	010044-1170FA-201616-310000	010044-1170FA-201C1C-310000	010044-11744D-202424-310000	010044-11643F-202D2D-310020	010044-11646F-203838-310020	010044-11648F-204747-310020
Piping Connections	Liquid Pipe		Ø, mm	6.35	6.35	6.35	6.35	6.35	9.52
			Ø, inch	1/4	1/4	1/4	1/4	1/4	3/8
	Gas Pipe		Ø, mm	12.70	12.70	12.70	12.70	12.70	15.88
			Ø, inch	1/2	1/2	1/2	1/2	1/2	5/8
	Drain Pipe		Ø, mm	ID 18 HOSE	ID 18 HOSE	ID 18 HOSE	ID 18 HOSE	ID 18 HOSE	ID 18 HOSE
Field Wiring	Power Source Wire	Below 20m / over 20m	mm ²	1.5 / 2.5	1.5 / 2.5	1.5 / 2.5	1.5 / 2.5	1.5 / 2.5	1.5 / 2.5
	Transmission Cable		mm ²	0.75~1.5	0.75~1.5	0.75~1.5	0.75~1.5	0.75~1.5	0.75~1.5
Refrigerant	Type		-	R410A	R410A	R410A	R410A	R410A	R410A
	Control Method		-	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED
Sound	Sound Pressure	High / Mid / Low ⁴⁾	dBA	30 / 28 / 26	30 / 28 / 26	37 / 33 / 29	39 / 37 / 35	41 / 38 / 35	44 / 40 / 35
Dimensions	Net Weight		kg	8.3	8.3	8.3	13.5	13.5	13.5
	Shipping Weight		kg	11.3	11.3	11.3	16.5	16.5	16.5
	Net Dimensions (W×H×D)		mm	825 x 285 x 189	825 x 285 x 189	825 x 285 x 189	1,065 x 298 x 218	1,065 x 298 x 218	1,065 x 298 x 218
	Shipping Dimensions (W×H×D)		mm	904 x 353 x 263	904 x 353 x 263	904 x 353 x 263	1,137 x 377 x 299	1,137 x 377 x 299	1,137 x 377 x 299
Panel Size	Panel model		-	-	-	-	-	-	-
	Panel Net Weight		kg	-	-	-	-	-	-
	Shipping Weight		kg	-	-	-	-	-	-
	Net Dimensions (W×H×D)		mm	-	-	-	-	-	-
	Shipping Dimensions (W×H×D)		mm	-	-	-	-	-	-
Additional Accessories	Drain pump	Drain pump	- / Model	-	-	-	-	-	-
		Max. lifting Height / Displacement	mm/liter/h	-	-	-	-	-	-
	Air Filter		-	Long life filter	Long life filter	Long life filter	Long life filter	Long life filter	Long life filter

* Neo-Forte E apply for new MCU kit (MCU-Y4NEE/MCU-Y6NEE)

* 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

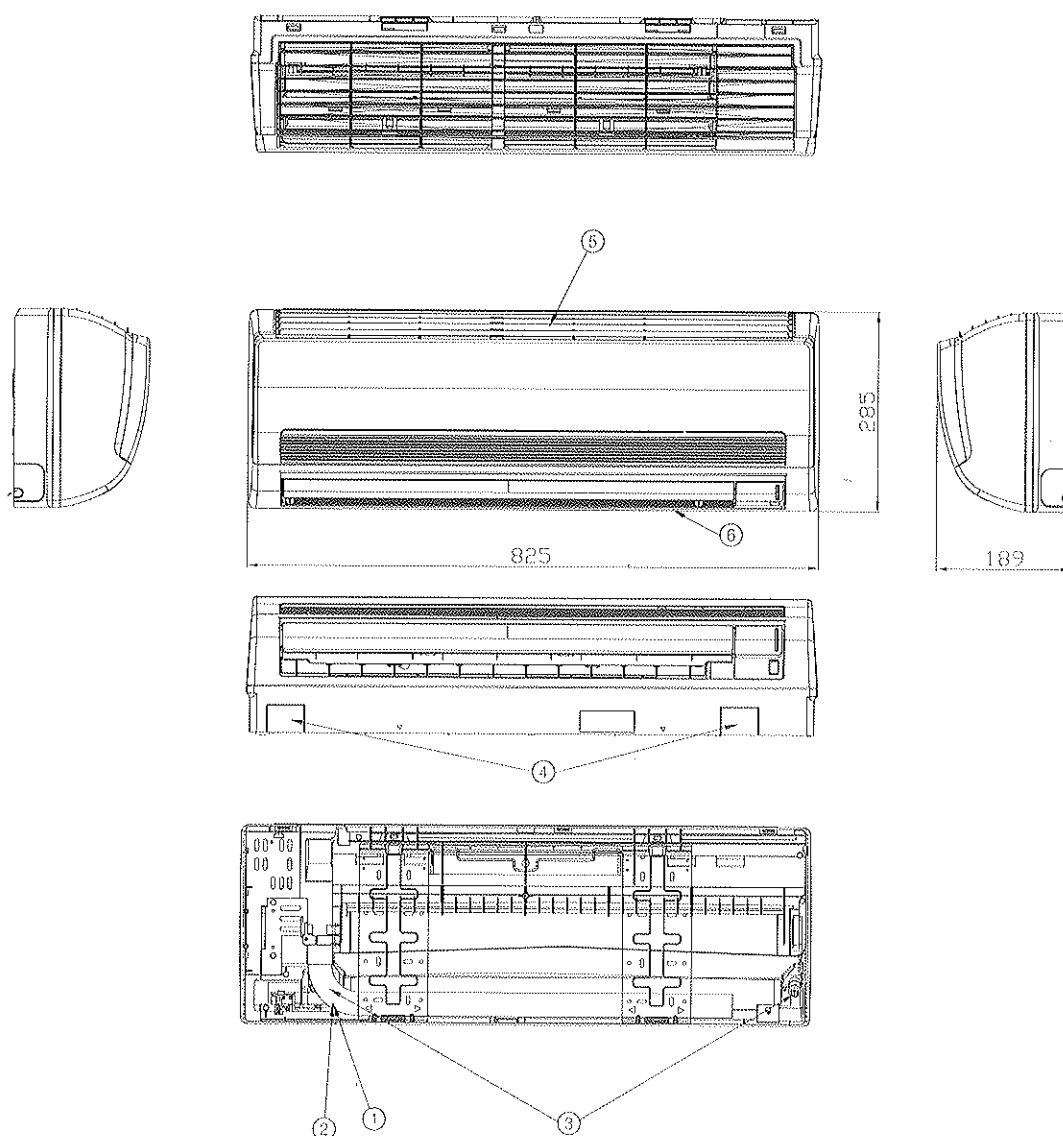
*4) Sound pressure was acquired in an anechoic room. Thus actual noise level may be different depending on the installation conditions.

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10-3. Dimensional drawing

1) AM022/028/036FN*DEH***

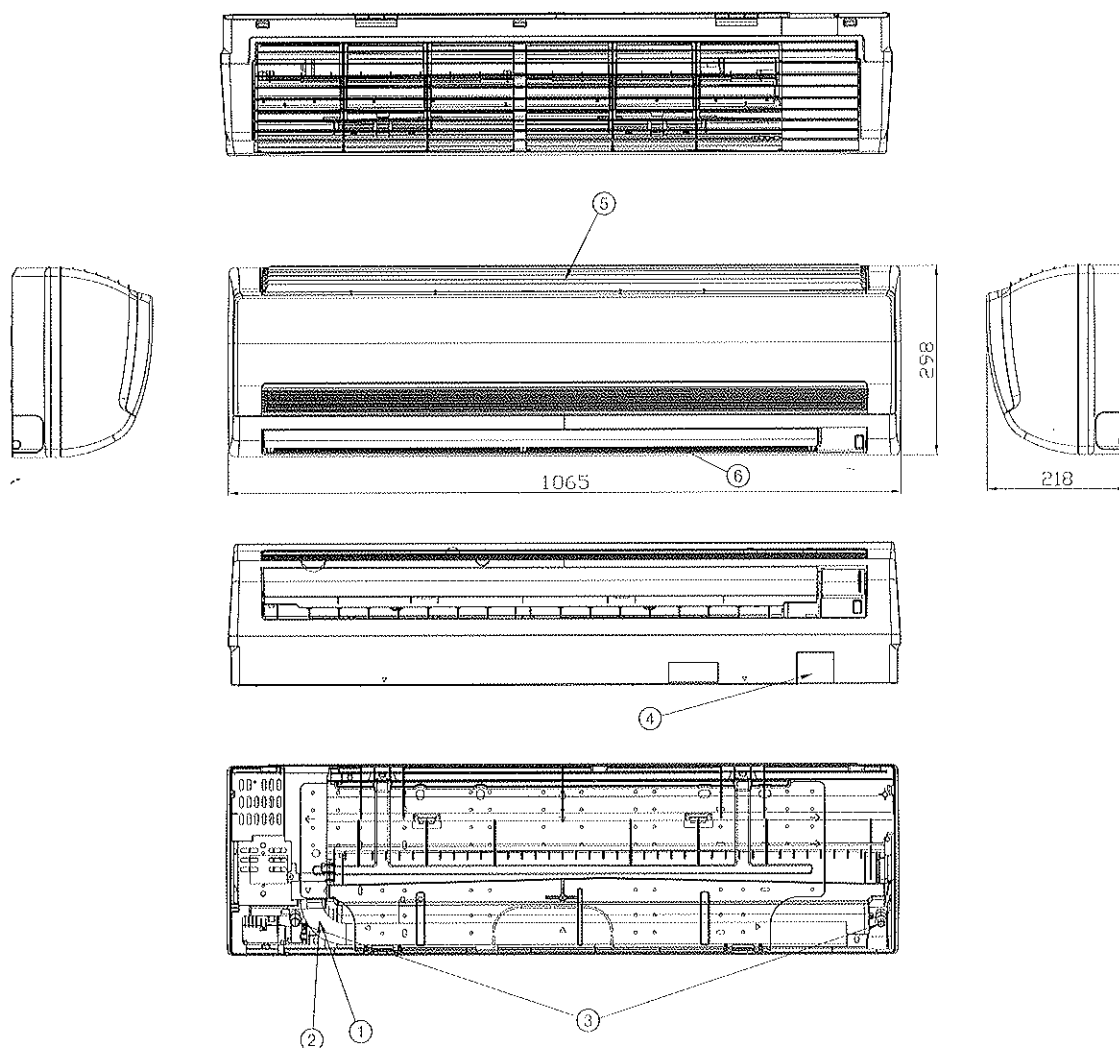
Unit:mm



No.	Name	Description		
		2.2kW	2.8kW	3.6kW
(1)	Liquid pipe connection	Ø6.35 Flare		
(2)	Gas pipe connection	Ø12.70 Flare		
(3)	Drain pipe connection	ID18 Hose		
(4)	Conduit for power supply & communication wiring	-		
(5)	Air inlet grille	-		
(6)	Air outlet louver	-		

2) AM045/056/071FN*DEH***

Unit:mm



Indoor units

No.	Name	Description		
		4.5kW	5.6kW	7.1kW
①	Liquid pipe connection	Ø6.35 Flare		Ø9.52 Flare
②	Gas pipe connection	Ø12.70 Flare		Ø15.88 Flare
③	Drain pipe connection	ID18 Hose		
④	Conduit for power supply & communication wiring	-		
⑤	Air inlet grille	-		
⑥	Air outlet louver	-		