



Fresh Air Processing unit

Specification

Model			APIV-D125DH-FA/N1	APIV-D140DH-FA/N1	APIV-D200DH-FA/N1	APIV-D250DH-FA/N1	APIV-D280DH-FA/N1
Power Supply			1-phase, 220-240V, 50Hz				
Capacity	Cooling	kW	12.5	14	20	25	28
		kcal/h	10,766	12,057	17,225	21,531	24,115
		btu/h	42,600	47,800	68,200	85,300	95,500
	Heating	kW	10.5	12	18	20	22
		kcal/h	9,043	10,335	15,502	17,225	18,947
		btu/h	35,800	41,000	61,400	68,200	75,000
Power (Cooling)	Input	W	461	461	1063	1,063	1063
	Rated Current	A	2.3	2.3	5.3	5.3	5.3
Power (Heating)	Input	W	461	461	1063	1,063	1,063
	Rated Current	A	2.3	2.3	5.3	5.3	5.3
Air flow (H/M/L)		m ³ /h	1,700/1,350/1,050	1,700/1,350/1,050	3,150/2,650/2,300	3,300/2,850/2,500	3,300/2,850/2,500
		cfm	1,000/795/618	1,000/795/618	1,854/1,560/1,354	1,942/1,677/1,471	1,942/1,677/1,471
ESP (external static pressure)		Pa	50(30~220)	50(30~220)	140(50~260)	140(50~260)	140(50~260)
Sound Pressure (Hi/Mid/Lo)		dB(A)	54/52/50	54/52/50	54/53/51	55/54/52	55/54/52
Refrigerant	Type	R410A					
	Control Method	EXV					
Net dimension	W×H×D	mm	1,200×400×600	1,200×400×600	1,425×500×928	1,425×500×928	1,425×500×928
Packing dimension	W×H×D	mm	1,430×450×768	1,430×450×768	1,509×522×964	1,509×522×964	1,509×522×964
Net/Gross Weight		kg	69.5/76	69.5/76	115/125	115/125	115/125
Piping Connections	Liquid (Flare)	mm	Φ9.53	Φ9.53	Φ9.53	Φ9.53	Φ9.53
	Gas (Flare)	mm	Φ15.9	Φ15.9	Φ15.9	Φ15.9	Φ15.9
	Drain piping	mm	OD Φ25	OD Φ25	OD Φ32	OD Φ32	OD Φ32
Pump head		mm	750		-	-	-
Standard Controller		-	Wired controller KJR-12B/DP(T)-E (6m wire is standard)				

Notes:

- Nominal cooling capacities are based on the following conditions: outdoor air temp.: 33°C DB, 24°C WB, equivalent ref. piping: 8m (horizontal)
- Nominal heating capacities are based on the following conditions: outdoor air temp.: 0°CDB, -1°CWB, equivalent ref. Piping: 8m (horizontal)
- Sound level is measured 1.4m from the air out-let.

- * external static pressure are based on high speed indoor air flow.
- * Specifications are subject to change without prior notice for product improvement.

Connection Conditions:

The following restrictions must be observed in order to maintain the indoor units connected to the same system.

- * When outdoor-air processing units are connected, the total connection capacity must be within 50% to 100% of that of the outdoor units.
- * When outdoor-air processing units and standard indoor units are connected, the total connection capacity of the outdoor-air processing units must not exceed 30% of that of the outdoor units.
- * Outdoor-air processing units can be used without indoor units.