



# High Static Pressure Duct

## Specification

Model			APIV-D71DH-B/N1	APIV-D80DH-B/N1	APIV-D90DH-B/N1	APIV-D112DH-B/N1	APIV-D140DH-B/N1	APIV-D160DH-B/N1
Power Supply			220 ~ 240V-1Ph-50Hz					
Capacity	Cooling	kW	7.1	8	9	11.2	14	16
		kcal/h	6,105	6,879	7,739	9,630	12,037	13,757
		Btu/h	24,200	27,300	30,700	38,200	47,800	54,600
	Heating	kW	8	9	10	12.5	16	18
		kcal/h	6,879	7,739	8,598	10,748	13,757	15,477
		Btu/h	27,300	30,700	34,100	42,600	54,600	61,400
Power (Cooling)	Input	W	263	263	423	524	627	832
	Rated Current	A	1.1	1.1	1.8	2.3	2.7	3.6
Power (Heating)	Input	W	263	263	423	524	627	832
	Rated Current	A	1.1	1.1	1.8	2.3	2.7	3.6
Indoor air flow (H/M/L)		m <sup>3</sup> /h	1,510/1,399/1,236	1,500/1,396/1,221	1,936/1,721/1,511	2,117/1,950/1,644	2,988/2,670/2,229	3,890/3,200/2,700
		CFM	889/823/727	883/822/719	1,139/748/889	1,246/1,147/968	1,758/1,572/1312	2,290/1,883/1,589
ESP (external static pressure)		Pa	40(30~ 196)	40(30~ 196)	40(30~ 196)	50(30~ 196)	50(30~ 196)	50(30~ 196)
Sound Pressure (Hi/Mid/Lo)		dB(A)	48/46/44	48/46/44.5	52/49/47	52/49/47	53/50/48	54/52/50
Refrigerant	Type	R410A						
	Control Method	EXV						
Net dimension	W×H×D	mm	952×420×690	952×420×690	952×420×690	952×420×690	1,200×400×600	1,200×400×600
Packing dimension	W×H×D	mm	1,102×450×768	1,102×450×768	1,102×450×768	1,102×450×768	1,430×450×768	1,430×450×768
Net/Gross Weight		kg	45/50	45/50	46.5/52.4	50.6/56	68/70	70/77.5
Piping Connections	Liquid (Flare)	mm	Φ9.52	Φ9.53	Φ9.53	Φ9.53	Φ9.53	Φ9.53
	Gas (Flare)	mm	Φ15.9	Φ15.9	Φ15.9	Φ15.9	Φ15.9	Φ15.9
	Drain piping	mm	IDΦ25 ODΦ32	IDΦ25 ODΦ32	IDΦ25 ODΦ32	IDΦ25 ODΦ32	IDΦ25 ODΦ32	IDΦ25 ODΦ32
Pump head		mm	750					
Standard Controller		-	Wired controller KJR-10B/DP(T)-E (6m wire is standard)			Wired controller KJR-12B/DP(T)-E (6m wire is standard)		

Model			APIV-D200DH-B/N1	APIV-D250DH-B/N1	APIV-D280DH-B/N1	APIV-D400T1/N1	APIV-D450T1/N1	APIV-D560T1/N1
Power Supply			220 ~ 240V-1Ph-50Hz					
Capacity	Cooling	kW	20	25	28	40	45	56
		kcal/h	17,197	21,496	24,075	34,394	38,693	48,152
		Btu/h	68,200	85,300	95,500	136,500	153,500	191,100
	Heating	kW	22.5	26	31.5	45	50	63
		kcal/h	19,346	22,355	27,084	38,693	42,993	54,171
		Btu/h	76,800	88,700	107,500	153,500	170,600	214,960
Power (Cooling)	Input	W	1516	1516	1516	2700	2700	3400
	Rated Current	A	6.6	6.6	6.6	12.5	12.5	15.5
Power (Heating)	Input	W	1516	1516	1516	2700	2700	3400
	Rated Current	A	6.6	6.6	6.6	12.5	12.5	15.5
Indoor air flow (H/M/L)		m <sup>3</sup> /h	4,268/3,780/3,200	4,280/3,820/3,200	4,400/3,708/3,200	7468/6047/4989	7468/6047/4989	9506/7897/6550
		CFM	2,512/2,225/1,883	2,519/2,248/1,833	2,590/2,182/1,883	4396/3559/2936	4396/3559/2936	5595/4648/3855
ESP (external static pressure)		Pa	140(50~250)	140(50~250)	160(50~250)	196(50~250)	196(50~250)	196(50~250)
Sound Pressure (Hi/Mid/Lo)		dB(A)	59/55/52	59/55/52	59/55/52	61/59/56	61/59/56	63/60/57
Refrigerant	Type	R410A						
	Control Method	EXV						
Net dimension	W×H×D	mm	1356×470×763	1356×470×763	1356×470×763	1970*668*858.5	1970*668*858.5	1970*668*858.5
Packing dimension	W×H×D	mm	1,509×522×964	1,509×522×964	1,509×522×964	2095*800*964	2095*800*964	2095*800*964
Net/Gross Weight		kg	115/129	115/129	115/129	232/245	232/245	232/245
Piping Connections	Liquid (Flare)	mm	Φ9.53×2	Φ9.53×2	Φ9.53×2	Φ12.7*2	Φ12.7*2	Φ12.7*2
	Gas (Flare)	mm	Φ15.9×2	Φ15.9×2	Φ15.9×2	Φ22.2x2	Φ22.2x2	Φ22.2x2
	Drain piping	mm	IDΦ25 ODΦ32	IDΦ25 ODΦ32	IDΦ25 ODΦ32	IDΦ25 ODΦ32	IDΦ25 ODΦ32	IDΦ25 ODΦ32
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: return air temp.: 27°CDB, 19°CWB, and outdoor temp.: 35°CDB, equivalent ref. piping: 8m (horizontal)
  - Nominal heating capacities are based on the following conditions: return air temp.: 20°CDB, outdoor temp.: 7°CDB, 6°CWB, and equivalent ref. Piping: 8m (horizontal)
  - Sound level is measured at 1.4m below the air out-let.
- \* External static pressure is based on high speed indoor air flow.
  - \* Specifications are subject to change without prior notice for product improvement.