



Concealed Duct Unit (A5 Type)

Specification

Model			APIV-D22DM-DA5/N1	APIV-D28DM-DA5/N1	APIV-D36DM-DA5/N1	APIV-D45DM-BA5/N1	APIV-D56DM-BA5/N1
Power Supply			220 ~ 240V-1Ph-50Hz				
Capacity	Cooling	kW	2.2	2.8	3.6	4.5	5.6
		kcal/h	1,891	2,407	3,095	3,869	4,815
		Btu/h	7,500	9,500	12,200	15,300	19,100
	Heating	kW	2.6	3.2	4	5	6.3
		kcal/h	2,235	2,751	3,439	4,299	5,416
		Btu/h	8,900	10,900	13,600	17,000	21,500
Power (Cooling)	Input	W	59	57	61	92	92
	Rated Current	A	0.28	0.28	0.28	0.5	0.5
Power (Heating)	Input	W	59	57	61	92	92
	Rated Current	A	0.28	0.28	0.28	0.5	0.5
Indoor air flow (H/M/L)		m ³ /h	570/530/410/320	570/530/410/320	570/530/410/320	958/850/667/583	958/850/667/583
		CFM	335/312/241/188	335/312/241/188	335/312/241/188	563/500/392/343	563/500/392/343
ESP (external static pressure)		Pa	10(10~30)	10(10~30)	10(10~30)	10(10~30)	10(10~30)
Sound Pressure (Hi/Mid/Lo)		dB(A)	36/35/32	37/35/32	39/38/36	41/38.9/36	41/38.9/36
Refrigerant	Type	R410A					
	Control Method	EXV					
Net dimension	W×H×D	mm	700x210x450	700x210x450	700x210x450	920X210X570	920X210X570
Packing dimension	W×H×D	mm	870x285x525	870x285x525	870x285x525	1,135X290X655	1,135X290X655
Net/Gross Weight		kg	17.5/20	17.5/20	17.5/20	27/32	27/32
Piping Connections	Liquid (Flare)	mm	Φ6.35	Φ6.35	Φ6.35	Φ6.35	Φ9.53
	Gas (Flare)	mm	Φ12.7	Φ12.7	Φ12.7	Φ12.7	Φ16
	Drain piping	mm	IDΦ25 ODΦ32	IDΦ25 ODΦ32	IDΦ25 ODΦ32	IDΦ25 ODΦ32	IDΦ25 ODΦ32
Pump head		mm	750				
Standard Controller		-	Wired controller KJR-12B(6 meters connection wire)				

Model			APIV-D71DM-CA5/N1	APIV-D80DM-BA5/N1	APIV-D90DM-BA5/N1	APIV-D112DM-BA5/N1	APIV-D140DM-BA5/N1
Power Supply			220 ~ 240V-1Ph-50Hz				
Capacity	Cooling	kW	7.1	8	9	11.2	14
		kcal/h	6,105	6,879	7,739	9,630	12,037
		btu/h	24,200	27,300	30,700	38,200	47,800
	Heating	kW	8	9	10	12.5	15.5
		kcal/h	6,879	7,739	8,598	10,748	13,327
		Btu/h	27,300	30,700	34,100	42,600	52,900
Power (Cooling)	Input	W	125	198	200	313	274
	Rated Current	A	0.7	1	1	1.8	1.55
Power (Heating)	Input	W	125	198	200	313	274
	Rated Current	A	0.7	1	1	1.8	1.55
Indoor air flow (H/M/L)		m ³ /h	1,207/1,050/905/821	1,400/1,226/1,018/861	1,400/1,230/1,019/859	1,750/1,752/1,552/1,389	1,789/1,918/1,539/1,250
		CFM	710/618/532/483	917/795/687/608	917/795/687/608	1,214/1,059/921/824	1,258/1,118/967/827
ESP (external static pressure)		Pa	10(10~30)	20(10~50)	20(10~50)	40(10~80)	40(10~100)
Sound Pressure (Hi/Mid/Lo)		dB(A)	42/40/35	45.4/39.8/37	45.4/39.8/37	48.0/41.9/38	47.7/43.2/39.0
Refrigerant	Type	R410A					
	Control Method	EXV					
Net dimension	W×H×D	mm	1140X210X635	1,140X270X710	1,140X270X710	1,140X270X710	1,200X300X800
Packing dimension	W×H×D	mm	1,135X290X655	1,355X350X795	1,355X350X795	1,355X350X795	1,385X375X920
Net/Gross Weight		kg	31.8/35.8	38/46.5	40/48	40/48	49/58
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	IDΦ25 ODΦ32	IDΦ25 ODΦ32	IDΦ25 ODΦ32	IDΦ25 ODΦ32	IDΦ25 ODΦ32
Pump head		mm	750				
Standard Controller		-	Wired controller KJR-12B(6 meters connection wire)				

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.