



Medium static pressure duct type R410A 50Hz Split System

Specification

Model			APD2C-76CSN1	APD2C-76HSN1	APD2C-96CSN1	APD2C-96HSN1
Power supply		-	220~240V-1Ph-50Hz		220~240V-1Ph-50Hz	
Rated input power		W	11,700	11,700	14,400	14,400
Rated current		A	19.3	19.3	23.7	23.7
Cooling	Capacity	Btu/h	75,100/64,100	75,100/63,500	95,600/80,500	95,600/79,500
	(35°C/46°C)	W	22,000/18,800	22,000/18,600	28,000/23,600	28,000/23,300
	Input 35°C	W	7,500	7,500	9,600	9,600
	Input 46°C	W	8,850	8,920	11,550	11,750
	EER 35°C	W/W	2.93	2.93	2.92	2.92
Heating	Capacity	Btu/h	/	85,300	/	105,800
		W	/	25,000	/	31,000
	Input	W	/	8,300	/	10,300
	COP	W/W	/	3.01	/	3.01
Air flow (Hi)		m ³ /h(CFM)	4,250 (2,500)	4,250 (2,500)	5,100 (3,000)	5,100 (3,000)
Standard ESP		Pa	100	100	100	100
Noise level		dB(A)	54	54	55	55
Refrigerant	Type	-	R410A	R410A	R410A	R410A
Fan	Type	-	Centrifugal fan	Centrifugal fan	Centrifugal fan	Centrifugal fan
	Dimension	mm	Φ307	Φ307	Φ307	Φ307
	Drive type	-	Direct	Direct	Direct	Direct
	Motor input×No.	W	446×2	446×2	725×2	725×2
Coil	Type	-	Copper tube and aluminum fin		Copper tube and aluminum fin	
	Tube size	mm	Φ9.52	Φ9.52	Φ9.52	Φ9.52
	No. of rows	-	3	3	4	4
	Fin per inch	FPI	17	17	17	17
Controller		-	Remote controller		Remote controller	
Drain pipe size (OD)		mm	Φ41	Φ41	Φ41	Φ41
Connection wiring	Power wiring	mm ²	3×2.5	3×2.5	3×2.5	3×2.5
	Signal wiring	mm ²	2×1.0	4×1.0	2×1.0	4×1.0
Dimension (W×H×D)		mm	1,350×450×760	1,350×450×760	1,350×450×760	1,350×450×760
Packing (W×H×D)		mm	1,549×476×917	1,549×476×917	1,549×476×917	1,549×476×917
Net/Gross weight		kg	105/120	105/120	105/120	105/120
Shipping Qty(20'/40'/40'HQ)		Pieces	30/64/64	30/64/64	30/64/64	30/64/64

Notes:

- ESP: External static pressure.
- Nominal cooling capacities are based on the following conditions:
Indoor temperature: 80.6°F (27°C)DB, 66.2°F (19°C)WB; Outdoor temperature: 95°F (35°C)DB, 75.2°F (24°C)WB.
- Nominal heating capacities are based on the following conditions:
Indoor temperature: 68°F (20°C)DB, 59°F (15°C)WB; Outdoor temperature: 44.6°F (7°C)DB, 42.8°F (6°C)WB.
- The capacities above are tested in the following condition: The refrigerant piping length between indoor unit and outdoor unit is 7.5m.
- Specifications are subject to change without prior notice for product improvement.



Model			APD2C-120CSN1	APD2C-120HSN1	APD2C-150CSN1	APD2C-150HSN1
Power supply		-	220~240V-1Ph-50Hz		220~240V-1Ph-50Hz	
Rated input power		W	17,300	17,300	21,200	21,200
Rated current		A	28.6	28.6	35	35
Cooling	Capacity	Btu/h	119,400/102,400	119,400/101,300	150,100/130,300	150,100/130,300
	(35°C/46°C)	W	35,000/30,000	35,000/29,700	44,000/38,200	44,000/38,200
	Input 35°C	W	12,000	12,000	15,100	15,100
	Input 46°C	W	13,250	13,700	18,000	18,000
	EER 35°C	W/W	2.92	2.92	2.91	2.91
Heating	Capacity	Btu/h	/	129,700	/	160,300
		W	/	38,000	/	47,000
	Input	W	/	12,600	/	15,700
	COP	W/W	/	3.02	/	3
Air flow (Hi)		m³/h(CFM)	6,375 (3,750)	6,375 (3,750)	7,650 (4,500)	7,650 (4,500)
Standard ESP		Pa	150	150	150	150
Noise level		dB(A)	56	56	56	56
Refrigerant	Type	-	R410A	R410A	R410A	R410A
Fan	Type	-	Centrifugal fan	Centrifugal fan	Centrifugal fan	Centrifugal fan
	Dimension	mm	Φ307	Φ307	Φ307	Φ307
	Drive type	-	Direct	Direct	Direct	Direct
	Motor input×No.	W	498×3	498×3	630×3	630×3
Coil	Type	-	Copper tube and aluminum fin		Copper tube and aluminum fin	
	Tube size	mm	Φ7	Φ7	Φ7	Φ7
	No. of rows	-	4	4	4	4
	Fin per inch	FPI	17	17	17	17
Controller		-	Remote controller		Remote controller	
Drain pipe size (OD)		mm	Φ41	Φ41	Φ41	Φ41
Connection wiring	Power wiring		3×2.5	3×2.5	3×2.5	3×2.5
	Signal wiring		2×1.0	4×1.0	4×1.0	4×1.0
Dimension (W×H×D)		mm	1,828×638×858	1,828×638×858	1,828×638×858	1,828×638×858
Packing (W×H×D)		mm	2,095×689×929	2,095×689×929	2,095×689×929	2,095×689×929
Net/Gross weight		kg	188/220	188/220	188/200	188/200
Shipping Qty(20'/40'/40'HQ)		Pieces	19/42/46	19/42/46	19/42/46	19/42/46

Notes:

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3. Nominal heating capacities are based on the following conditions:
Indoor temperature: 68°F (20°C)DB, 59°F (15°C)WB; Outdoor temperature: 44.6°F (7°C)DB, 42.8°F (6°C)WB.
4. The capacities above are tested in the following condition: The refrigerant piping length between indoor unit and outdoor unit is 7.5m.
5. Specifications are subject to change without prior notice for product improvement.