



Medium static pressure duct type

Specification

Model			APD2C-76CS	APD2C-76HS	APD2C-96CS	APD2C-96HS
Power supply		-	220~240V-1Ph-50Hz		220~240V-1Ph-50Hz	
Rated input power		W	11,500	11,500	14,500	14,700
Rated current		A	20	20	28	28.1
Cooling	Capacity	Btu/h	75,100	75,100	92,800/86,700	91,400/86,700
	(35°C/46°C)	W	22,000/19,900	22,000/19,900	27,200/25,400	26,800/25,400
	Input 35°C	W	7,500	7,500	9,200	9,200
	Input 46°C	W	9,400	9,400	11,770	11,770
	EER 35°C	W/W	2.93	2.93	2.96	2.91
Heating	Capacity	Btu/h	/	83,600	/	109,500
		W	/	24,500	/	32,100
	Input	W	/	7,320	/	9,800
	COP	W/W	/	3.35	/	3.28
Air flow (Hi)		m ³ /h(CFM)	4,650 (2,700)	4,650 (2,700)	5,600 (3,300)	5,600 (3,300)
Standard ESP		Pa	100	100	100	100
Noise level		dB(A)	54	54	55	55
Refrigerant	Type	-	R22	R22	R22	R22
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	720×2	720×2	1,015×2	1,015×2
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	-	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	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)		Pcs	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-120CS	APD2C-120HS	APD2C-150CS
Power supply		-	220~240V-1Ph-50Hz		220~240V-1Ph-50Hz
Rated input power		W	18,000	18,000	23,000
Rated current		A	28.7	28.7	40
Cooling	Capacity	Btu/h	116,000/107,500	116,000/107,500	147,700/128,300
	(35°C/46°C)	W	34,000/31,500	34,000/31,500	43,300/37,600
	Input 35°C	W	11,900	11,900	15,000
	Input 46°C	W	15,300	15,300	19,400
	EER 35°C	W/W	2.86	2.86	2.89
Heating	Capacity	Btu/h	/	139,900	/
		W	/	41,000	/
	Input	W	/	12,600	/
	COP	W/W	/	3.25	/
Air flow (Hi)		m ³ /h	6,800 (4,000)	6,800 (4,000)	7,700 (4,500)
Standard ESP		Pa	150	150	150
Noise level		dB(A)	56	56	56
Refrigerant	Type	-	R22	R22	R22
Fan	Type	-	Centrifugal fan	Centrifugal fan	Centrifugal fan
	Dimension	mm	Φ307	Φ307	Φ307
	Drive type	-	Direct	Direct	Direct
	Motor input×No.	W	720×3	720×3	1,015×3
Coil	Type	-	Copper tube and aluminum fin		Copper tube and aluminum fin
	Tube size	mm	Φ7	Φ7	Φ7
	No. of rows	-	4	4	4
	Fin per inch	FPI	17	17	17
Controller		-	Remote controller		Remote controller
Drain pipe size (OD)		mm	Φ41	Φ41	Φ41
Connection wiring	Power wiring	mm ²	3×2.5	3×2.5	3×2.5
	Signal wiring	mm ²	2×1.0	4×1.0	2×1.0
Dimension (W×H×D)		mm	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
Net/Gross weight		kg	188/220	188/220	188/200
Shipping Qty(20'/40'/40'HQ)		Pieces	19/42/46	19/42/46	19/42/46

Notes:

1. ESP: External static pressure.
2. 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.
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.