



2-Row Duct Specification

Model APFCDR2-				200S12 200S30 200ES30	300S12 300S30 300ES30	400S12 400S30 400ES30	500S12 500S30 500ES30	600S12 600S30 600ES30
Air flow	H/M/L	m ³ /h		340/255/170	510/385/255	680/510/340	850/640/425	1020/765/510
	H/M/L	CFM		200/150/100	300/225/150	400/300/200	500/375/250	600/450/300
External Static pressure			Pa	S12 models: 12; S30 models: 30				
Cooling	Capacity	H/M/L	kW	2/1.74/1.52	2.7/2.31/2.03	3.6/3.11/2.66	4.4/3.74/3.25	5.5/4.58/4.09
	Water flow rate	H	l/h	344	464	619	757	946
	Water pressure drop	H	kPa	5	11	19	22	14
Heating	Capacity	H/M/L	kW	3.2/2.75/2.37	4.3/3.74/3.23	5.4/4.64/4.05	6.8/5.78/5.07	8.1/6.77/5.92
	Water pressure drop	H	kPa	4.2	9.5	15.5	18.3	11.8
Power supply			V/ph/Hz	220-240/1/50				
Power input	12Pa	H	W	31	50	60	80	97
	30Pa	H	W	45	60	67	89	110
Electric heater capacity			E	W	550	650	1100	1600
Sound pressure level	12Pa	H/M/L	dB(A)	36/34/29	38/33/29	38/35/31	39/36/32	40/36/33
	30Pa	H/M/L	dB(A)	41/37/31	41/37/32	42/39/33	45/41/34	46/41/35
Fan motor	Type	Low noise 4-speed fan motor						
	Quantity			1	1	1	1	1
Fan	Type	Centrifugal, forward-curved Blades						
	Quantity			1	2	2	2	2
Coil	Row	2						
	Max. Working pressure		MPa	1.6				
	Diameter		mm	Φ9.52				
Body	Dimensions	W×H×D	mm	741×241×522	841×241×522	941×241×522	941×241×522	1161×241×522
	Packing	W×H×D	mm	790×260×550	890×260×550	990×260×550	990×260×550	1210×260×550
	Net weight	*/E	kg	13.9/15.4	16.5/18	19.2/20.7	19.2/20.7	22/24
	Gross weight	*/E	kg	16.2/17.7	19/20.5	21.6/23.1	21.6/23.1	25/27
Pipe connection	Water inlet/outlet pipe		Inch	RC3/4				
	Drain pipe		mm	ODΦ24				

Model APFCDR2-				800S12 800S30 800ES30	1000S12 1000S30 1000ES30	1200S12 1200S30 1200ES30	1400S12 1400S30 1400ES30
Air flow	H/M/L	m ³ /h		1360/1020/680	1700/1275/850	2040/1530/1020	2380/1785/1190
	H/M/L	CFM		800/600/400	1000/750/500	1200/900/600	1400/1050/700
External Static pressure			Pa	S12 models: 12; S30 models: 30			
Cooling	Capacity	H/M/L	kW	7.5/6.33/5.68	8.9/7.61/6.41	10.8/9.13/7.93	12.3/10.46/9.27
	Water flow rate	H	l/h	1290	1531	1858	2116
	Water pressure drop	H	kPa	14	22	39	46
Heating	Capacity	H/M/L	kW	11/9.48/8.25	13.5/11.72/10.03	16.5/14.05/12.24	19.5/16.85/14.63
	Water pressure drop	H	kPa	12.5	19	32.6	40.1
Power supply			V/ph/Hz	220-240/1/50			
Power input	12Pa	H	W	140	172	205	216
	30Pa	H	W	130	171	212	249
Electric heater capacity			E	W	2200	2200	3200
Sound pressure level	12Pa	H/M/L	dB(A)	42/37/33	44/39/34	46/40/35	48/42/37
	30Pa	H/M/L	dB(A)	46/41/36	47/43/37	48/44/38	49/44/39
Fan motor	Type	Low noise 4-speed fan motor					
	Quantity			2	2	2	2
Fan	Type	Centrifugal, forward-curved Blades					
	Quantity			4	4	4	4
Coil	Row	2					
	Max. Working pressure		MPa	1.6			
	Diameter		mm	Φ9.52			
Body	Dimensions	W×H×D	mm	1461×241×522	1566×241×522	1856×241×522	2022×241×522
	Packing	W×H×D	mm	1510×260×550	1615×260×550	1905×260×550	2070×260×550
	Net weight	*/E	kg	30.9/33.4	33.4/36.4	38.5/42	42.1/46.1
	Gross weight	*/E	kg	34.5/37	37/40	42/45.5	47.5/51.5
Pipe connection	Water inlet/outlet pipe		Inch	RC3/4			
	Drain pipe		mm	ODΦ24			

Note:

1. H: high fan speed; M: medium fan speed; L: low fan speed.
2. The data is the performance in relevant external static pressure.
3. Cooling conditions: entering water 7°C, temperature rise 5°C, entering air temperature 27°C DB/19°C WB.
Heating conditions: entering water 50°C, entering air temperature 20°C DB, the same water flow as the cooling conditions.
4. The noise is tested in the semi-anechoic test room.
5. * for models without electric heater, E for models with electric heater.