



4-Row Duct Specification

Model APFCDR4-			200S30	300S30	400S30	500S30	600S30	800S30	1000S30	
Air flow	H/M/L	m ³ /h	340/255/170	510/385/255	680/510/340	850/640/425	1020/765/510	1360/1020/680	1700/1275/850	
	H/M/L	CFM	200/150/100	300/225/150	400/300/200	500/375/250	600/450/300	800/600/400	1000/750/500	
External Static pressure		Pa	30	30	30	30	30	30	30	
Cooling	Capacity	H/M/L	kW	2.5/2.16/1.87	3.3/2.85/2.47	4.4/3.72/3.22	4.8/4.18/3.64	6.2/5.38/4.65	8.8/7.43/6.57	9.5/8.18/7.06
	Water flow rate	H	l/h	430	568	757	826	1066	1514	1634
	Water pressure drop		kPa	2.6	5	8.1	9.8	15.4	12.3	18
Heating	Capacity	H/M/L	kW	4.1/3.51/3.03	5.8/5.05/4.35	7.1/6.11/5.33	8.5/7.04/6.28	10.5/9.03/7.77	14.5/12.38/10.88	16.3/13.45/12.05
	Water pressure drop	H	kPa	2.2	4.2	6.9	8.1	12.7	10	15.4
Power supply		V/ph/Hz	220-240/1/50							
Power input		H	W	50	65	80	98	110	155	180
Sound pressure level		H/M/L	dB(A)	37/33/27	38/34/28	38/35/29	40/35/30	41/36/31	42/37/32	44/39/33
Fan motor	Type	Low noise 4-speed fan motor								
	Quantity		1	1	1	1	1	2	2	
Fan	Type	Centrifugal, forward-curved Blades								
	Quantity		1	2	2	2	2	4	4	
Coil	Row	4								
	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	1461×241×522	1566×241×522
	Packing	W×H×D	mm	790×260×550	890×260×550	990×260×550	990×260×550	1210×260×550	1510×260×550	1615×260×550
	Net weight		kg	15.3	17.5	20.7	20.7	23.5	32.9	35.4
	Gross weight		kg	17.6	20	23.1	23.1	26.5	36.5	39.1
	Pipe connection	Water inlet/outlet pipe	Inch	RC3/4						
	Drain pipe	mm	ODΦ24							

Model APFCDR4-			1200S30	1400S30	1500S30	1500S50	2000S30	2000S50		
Air flow	H/M/L	m ³ /h	2040/1530/1020	2380/1785/1190	2550/2100/1300	2550/2100/1300	3400/2550/1700	3400/2550/1700		
	H/M/L	CFM	1200/900/600	1400/1050/700	1500/1240/760	1500/1240/760	2000/1500/1000	2000/1500/1000		
External Static pressure		Pa	30	30	30	50	30	50		
Cooling	Capacity	H/M/L	kW	11.8/9.82/8.74	13/11.23/9.83	13.5/11.5/10.1	13.5/11.5/10.1	18/15.3/13.5	18/15.3/13.5	
	Water flow rate	H	l/h	2030	2236	2322	2322	3096	3096	
	Water pressure drop	H	kPa	21.2	24.7	11.5	11.5	26.2	26.2	
Heating	Capacity	H/M/L	kW	16.5/14.05/12.23	17/14.31/12.69	17.5/14.9/13.2	17.5/14.9/13.2	23.4/19.8/17.5	23.4/19.8/17.5	
	Water pressure drop	H	kPa	17.6	20.8	10	10	24.3	24.3	
Power supply		V/ph/Hz	220-240/1/50							
Power input		H	W	220	275	236	474	360	665	
Sound pressure level		H/M/L	dB(A)	45/40/34	47/42/36	48/44/39	51/47/42	50/46/41	53/49/44	
Fan motor	Type	Low noise 4-speed fan motor								
	Quantity		2	2	1	1	1	1		
Fan	Type	Centrifugal, forward-curved Blades								
	Quantity		4	4	2	2	3	3		
Coil	Row	4								
	Max. Working pressure	MPa	1.6							
	Diameter	mm	Φ9.52							
Body	Dimensions	W×H×D	mm	1856×241×522	2022×241×522	1369×342×612	1369×342×612	1500×342×612	1500×342×612	
	Packing	W×H×D	mm	1905×260×550	2070×260×550	1421×381×619	1421×381×619	1552×381×619	1552×381×619	
	Net weight		kg	40.5	44.1	46	46	57	53.7	
	Gross weight		kg	44	49.4	49.8	50	61	58.6	
	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.