



Concealed Specification

Model APFCF1(2,3)-				150	250	300	400	450
Air flow	H/M/L	m ³ /h		255/215/190	425/360/320	510/430/380	680/580/510	765/650/570
	H/M/L	CFM		150/125/110	250/210/190	300/250/220	400/340/300	450/380/335
Cooling	Capacity	H/M/L	kW	1.15/0.93/0.89	1.87/1.74/1.59	2.53/2.25/1.88	3.27/2.84/2.54	3.97/3.58/3.15
	Water flow rate	H	l/h	198	322	435	562	683
	Water pressure drop	H	kPa	18.3	10.1	14.2	26.3	23.1
Heating	Capacity	H/M/L	kW	2.54/2.24/1.88	4.17/3.36/3.13	5.64/4.85/4.23	7.22/6.35/5.49	8.85/7.61/6.55
	Water pressure drop	H	kPa	16	8.8	13.7	24	22
Power supply			V/ph/Hz	220-240/1/50				
Power input		H	W	27	29	40	46	39
Sound pressure level	F1	H/M/L	dB(A)	32/29/26	35/32/30	37/34/32	39/36/34	41/38/36
	F2/F3	H/M/L	dB(A)	30/27/24	33/30/28	35/32/30	37/34/32	39/36/34
Fan motor	Type			Low noise 3-speed fan motor				
	Quantity			1	1	1	1	1
Fan	Type			Centrifugal, forward-curved Blades				
	Quantity			1	1	2	2	2
Coil	Row			3	3	2	2	3
	Max. Working pressure		MPa	1.6				
	Diameter		mm	Φ9.52				
Body APFCF1(2)	Dimensions	W×H×D	mm	800×626×220	800×626×220	1000×626×220	1000×626×220	1200×626×220
	Packing	W×H×D	mm	889×722×312	889×722×312	1089×722×312	1089×722×312	1289×722×312
	Net weight	F1/F2	kg	22.8/22.5	22.6/24.5	23.4/29	26	32.5
	Gross weight	F1/F2	kg	26.8/26.5	27/29	28/33.4	31	38
Body APFCF3	Dimensions	W×H×D	mm	550×545×212	550×545×212	750×545×212	750×545×212	950×545×212
	Packing	W×H×D	mm	639×639×305	639×639×305	839×639×305	839×639×305	1039×639×305
	Net/Gross weight	F3	kg	17/19	17/19	20/23.5	20/23.5	25/29
Pipe connection	Water inlet/outlet pipe		Inch	G3/4				
	Drain pipe		mm	ODΦ16				

Model APFCF1(2,3)-				500	600	800	900
Air flow	H/M/L	m ³ /h		850/720/640	1020/870/765	1360/1160/1020	1530/1300/1150
	H/M/L	CFM		500/420/375	600/510/450	800/680/600	900/760/675
Cooling	Capacity	H/M/L	kW	4.85/4.52/3.72	5.64/4.51/3.9	6.52/5.75/4.36	7.85/7.19/6.55
	Water flow rate	H	l/h	834	970	1121	1350
	Water pressure drop	H	kPa	20	11.4	21	24.3
Heating	Capacity	H/M/L	kW	10.28/9.05/7.71	12.24/10.89/9.18	15.35/13.82/11.67	18.2/16.38/13.65
	Water pressure drop	H	kPa	17.4	10	20.2	21.5
Power supply			V/ph/Hz	220-240/1/50			
Power input		H	W	49	63	88	137
Sound pressure level	F1	H/M/L	dB(A)	43/40/38	44/41/39	46/43/40	48/45/42
	F2/F3	H/M/L	dB(A)	41/38/36	42/39/37	44/41/38	46/43/40
Fan motor	Type			Low noise 3-speed fan motor			
	Quantity			1	1	1	1
Fan	Type			Centrifugal, forward-curved Blades			
	Quantity			2	3	3	3
Coil	Row			3	2	2	2
	Max. Working pressure		MPa	1.6			
	Diameter		mm	Φ9.52			
Body APFCF1(2)	Dimensions	W×H×D	mm	1200×626×220	1500×626×220	1500×626×220	1500×626×220
	Packing	W×H×D	mm	1289×722×312	1589×722×312	1589×722×312	1589×722×312
	Net weight	F1/F2	kg	32.5/31.5	38/39	38/39	39
	Gross weight	F1/F2	kg	38/37	43.4/45	43.4/45	45
Body APFCF3	Dimensions	W×H×D	mm	950×545×212	1250×545×212	1250×545×212	1250×545×212
	Packing	W×H×D	mm	1039×639×305	1339×639×305	1339×639×305	1339×639×305
	Net/Gross weight	F3	kg	25/29	32/36	32/36	32/36
Pipe connection	Water inlet/outlet pipe		Inch	G3/4			
	Drain pipe		mm	ODΦ16			

Note:

1. H: high fan speed; M: medium fan speed; L: low fan speed.
2. Cooling conditions: entering water 7 °C, temperature rise 5 °C, entering air temperature 27 °C DB/19 °C WB.
3. Heating conditions: entering water 50 °C, entering air temperature 20 °C DB, the same water flow as the cooling conditions.
3. The noise is tested in the semi-anechoic test room.