

Ceiling & Floor

Model APFCU1(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	1.52/1.22/1.14	2.53/2.28/2.1	3.49/2.97/2.44	4.58/3.89/3.44	5.64/4.79/4.23
	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	45	44	46	40
Sound pressure level	H1	H/M/L	dB(A)	32/29/26	35/32/30	37/34/32	39/36/34	41/38/36
	H2/H3	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 4-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 APFCU1(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/Gross weight	kg	22.5/26.5 22.5/26.5 26/31 26/31 32.5/38					
Body APFCU3	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	795×640×305	795×640×305	995×640×305	995×640×305	1195×640×305
	Net/Gross weight	kg	17/19 17/19 20/23 20/23 25/29					
Pipe connection	Water inlet/outlet pipe	Inch	G3/4					
	Drain pipe	mm	ODΦ16					

Model APFCU1(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	6.98/6.28/5.23	8.23/6.58/5.59	9.58/8.14/6.32	11.69/10.52/9.35
	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	77	118	137
Sound pressure level	H1	H/M/L	dB(A)	43/40/38	44/41/39	46/43/40	48/45/42
	H2/H3	H/M/L	dB(A)	41/38/36	42/39/37	44/41/38	46/43/40
Fan motor	Type	Low noise 4-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 APFCU1(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/Gross weight	kg	32.5/38 39/45 39/45 39/45				
Body APFCU3	Dimensions	W×H×D	mm	950×545×212	1250×545×212	1250×545×212	1250×545×212
	Packing	W×H×D	mm	1195×640×305	1495×640×305	1495×640×305	1495×640×305
	Net/Gross weight	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.
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.