



HEPACO



جدول مشخصات فن کویل های کانالی (پرفشار) هپاکو

Description		Unit	HPDF-800(E)G70	HPDF-1000(E)G7010	HPDF-1200(E)G7012	HPDF-1400(E)G7014
Nominal air volume	Hi. speed	CFM	800	1000	1200	1400
		m3/h	1360	1700	2040	2380
	Med. speed	CFM	720	902	11.4	1246
		m3/h	1224	1530	1877	2118
	Low speed	CFM	640	810	948	1092
		m3/h	1088	1377	1612	1856
Cooling Capacity	Hi speed	kW	6.5	8.8	40	12
	Med speed	kW	6.37	8.19	9.44	11.47
	Low speed	kW	6.12	7.57	8.53	10.24
Heating Capacity	Hi speed	kW	9.7	13.2	15	17.9
	Med speed	kW	8.54	11.48	12.9	15.75
	Low speed	kW	7.18	9.9	11.25	13.6
Water flow volume	M3/h	1.11	1.51	1.71	2.05	
Water pressure drop	kPa	8	24	24	36	
Standard External static pressure	Pa	70	70	70	70	
Electrial auxiliary heater(EAH)	W	5000	5000	5000	5000	
Rows	Qty	2	3	3	4	
Tube pitch xrow pitch	mm	25.4x22	25.4x22	25.4x22	25.4x22	
Tube diameter	mm	φ 9.53	φ 9.53	φ 9.53	φ 9.53	
Fin spacing	mm	1.6	1.6	1.6	1.6	
Coil dimension(LxH)	mm	700x355	700x355	700x355	700x355	
Fan motor	Qty	1	1	1	1	
Fan motor	Qty	1	1	1	1	
Fan motor	W	350	350	350	350	
Noise level(Hi & Med)	dB(A)	62(59)	61(57)	61(57)	60(56)	
Inlet/Outlet pipe(internal thread)	inch	3/4	3/4	3/4	3/4	
Drain pipe(external thread)	inch	3/4	3/4	3/4	3/4	
Weight	Net(with EAH)	kg	50(53)	50(53)	50(53)	50(53)
	Gross(With EAH)	kg	55(58)	55(58)	55(58)	55(58)
Dimension (WxHxD)	Net	mm	946x400x816	946x400x816	946x400x816	946x400x816
	Packing	mm	1075480x857	1075480x857	1075480x857	1075480x857
Dimension with EAH (WxHxD)	Net	mm	946x400x876	946x400x876	946x400x876	946x400x876
	Packing	mm	1075x480x925	1075x480x925	1075x480x925	1075x480x925

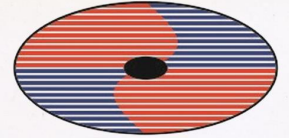
1. All performance data above on 12Pa external static pressure of standard products and 30 Pa of high ESP product.

2. Cooling capacity test condition: air inlet Temp. 27DB C/19WB C, sater inlet Temp. difference 5 C

3. Heating capacity test condition : air inlet Temp, 21DB c, sater inlet Temp. 50 DB c, the volume of air and water is same as cooling.

4. noise level is tested in full- anechoic room.

5. The EAH capacity only available with E type unit



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HEPACO High Static Pressure Fan Coil

Description		Unit	HPDF-1600(E)G100	HPDF-1800(E)G100	HPDF-2200(E)G100
Nominal air volume	Hi. speed	CFM	1600	1800	2200
		m3/h	2720	1700	3740
	Med. speed	CFM	1441	1620	1980
		m3/h	2450	2754	3360
	Low speed	CFM	1226	1440	1760
		m3/h	2170	2448	2990
Cooling Capacity	Hi speed	kW	14.1	15.8	19.9
	Med speed	kW	13.03	14.6	18.58
	Low speed	kW	11.87	13.46	17.24
Heating Capacity	Hi speed	kW	21.2	23.8	30
	Med speed	kW	18.23	17.85	26.7
	Low speed	kW	15.69	17.85	22.5
Water flow volume	M3/h	2.42	2.72	3.43	
Water pressure drop	kPa	52	90	130	
Standard External static pressure	Pa	100	100	100	
Electrical auxiliary heater(EAH)	W	10000	10000	10000	
Rows	Qty	3	3	3	
Tube pitch x row pitch	mm	25.4x22	25.4x22	25.4x22	
Tube diameter	mm	φ 9.53	φ 9.53	φ 9.53	
Fin spacing	mm	1.6	1.6	1.6	
Coil dimension(LxH)	mm	996x355	996x355	996x355	
Fan motor	Qty	2	2	2	
Fan motor	Qty	1	1	1	
Fan motor	W	550	550	550	
Noise level(Hi & Med)	dB(A)	62(58)	62(58)	62(58)	
Inlet/Outlet pipe(internal thread)	inch	3/4	3/4	3/4	
Drain pipe(external thread)	inch	3/4	3/4	3/4	
Weight	Net(with EAH)	kg	76(82)	76(82)	76(82)
	Gross(With EAH)	kg	83(89)	83(89)	83(89)
Dimension (WxHxD)	Net	mm	1290x400x809	1290x400x809	1290x400x809
	Packing	mm	1448x460x877	1448x460x877	1448x460x877
Dimension with EAH (WxHxD)	Net	mm	1290x400x874	1290x400x874	1290x400x874
	Packing	mm	1448x460x950	1448x460x950	1448x460x950

- All performance data above on 12Pa external static pressure of standard products and 30 Pa of high ESP product.
- Cooling capacity test condition: air inlet Temp. 27DB C/19WB C, sater inlet Temp. difference 5 C
- Heating capacity test condition : air inlet Temp, 21DB c, sater inlet Temp. 50 DB c, the volume of air and water is same as cooling.
- noise level is tested in full- anechoic room.
- The EAH capacity only available with E type unit

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