

Fan&coil Hidrónico Convertible

Specification	Model		DCW04FC	DCW06FC	DCW08FC	DCW12FC	DCW16FC	DCW20FC
Air Flow	H	CFM	382	565	759	1141	1600	2000
		m³/h	650	960	1290	1940	2720	3400
	M	CFM	300	450	660	990	1392	1740
		m³/h	510	765	1122	1683	2367	2958
	L	CFM	200	300	500	750	1201	1501
		m³/h	340	510	850	1275	2041	2550
Total Cooling Capacity kW	H		5.00	7.60	9.36	13.75	16.62	19.64
	M		4.57	6.82	8.52	12.39	14.62	17.09
	L		3.68	5.48	6.89	10.01	13.79	16.30
Heating Capacity kW	H		8.24	12.22	15.03	21.28	25.33	30.10
	M		6.91	10.33	12.89	18.58	22.79	26.78
	L		6.10	8.80	10.82	15.53	21.03	25.28
Power Input W	12Pa-H		55	87	125	185	254	288
	30Pa-H		68	108	142	210	282	358
	50Pa-H		84	118	174	250	340	441
Water Flow	m3/h		0.860	1.307	1.610	2.365	2858	3378
Max Current	A		0.32	0.55	0.85	1.20	3.9	4.7
Static Pressure	Pa							
Noise Level dB(A)	12Pa-H		38	43	44	48	55	57
	30Pa-H		41	45	46	48	58	60
	50Pa-H		46	49	50	54	60	63
Fan Type			Forward curve centrifugal fan					
Motor	Type		Four speed asynchronous fan motor					
	Insulation		Class E					
	Power Supply		110v/1p/60hz			220~230V/1Ph/50 or 60Hz		
Coil	Type		Seamless copper mechanically expanded into aluminum fins					
	Rows		4					
	Max. Working Pressure		1.6 MPa					
Inlet/Outlet Water Pipe			3/4" FPT			1" MPT	1 1/4" MPT	
Condensate Water Pipe			3/4" MPT					
Unit Dimension	W*D*H (mm)		980*493*240	1180*493*240	1380*493*240	1680*493*240	1780*600*280	2180*600*280
Packing Dimension	W*D*H (mm)		990*505*250	1190*505*250	1390*505*250	1690*505*250	1820*640*320	2220*640*320
Unit Weight	kg		19.2	23.1	28.5	37.5	50	62
Gross Weight	kg		20.7	24.9	30.8	40.5	53.8	66.4

Note:

1. Nominal Testing condition:

Cooling: entering air temp 27°C DB/19.5°C WB; entering water temp 7°C, leaving water temp 12°C;

Heating: entering air temp 21°C; entering water temp 60°C, the same water flow as in cooling;

2. Sound pressure level are measured in acoustic room, position of the measure point is 1m in the front and 1m below the vertical center line of the unit;

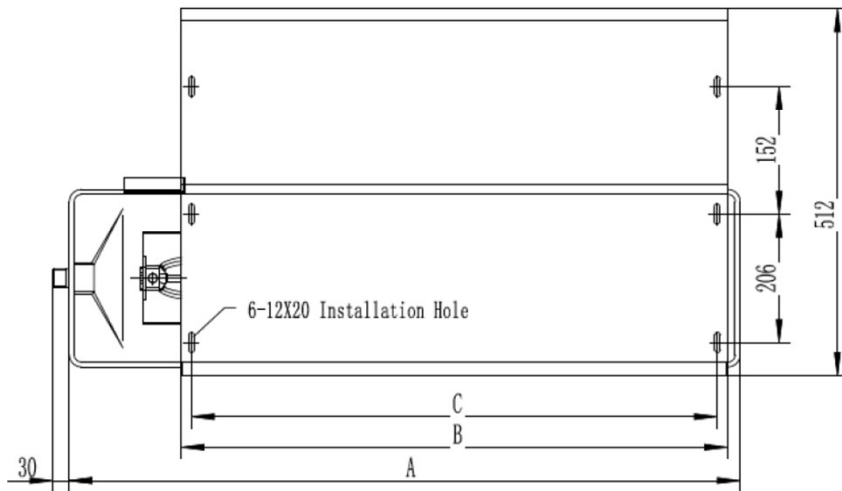
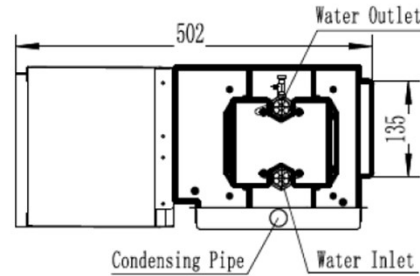
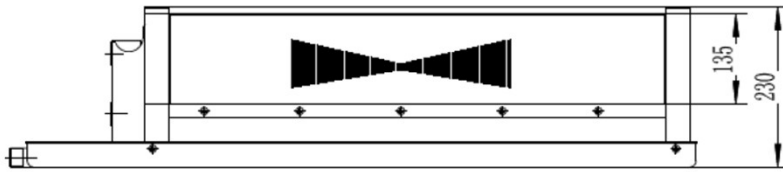
3. Static pressure is measured without filter and air outlet.

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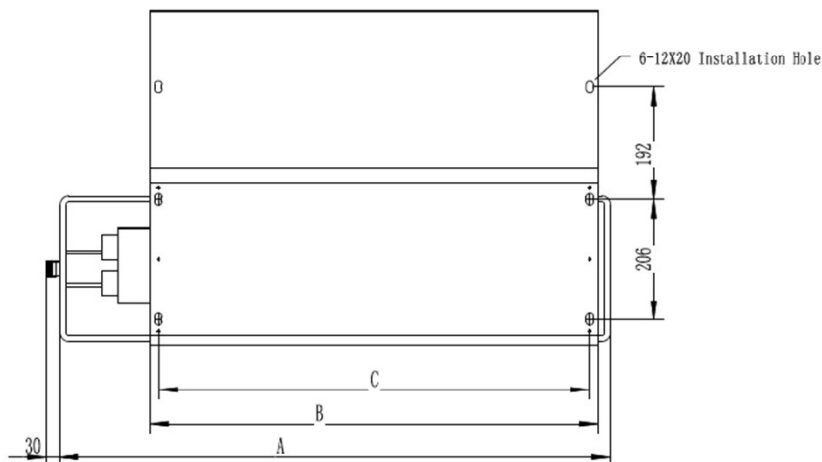
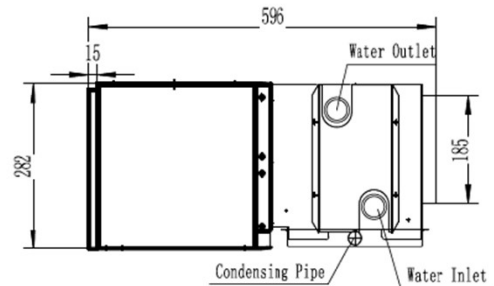
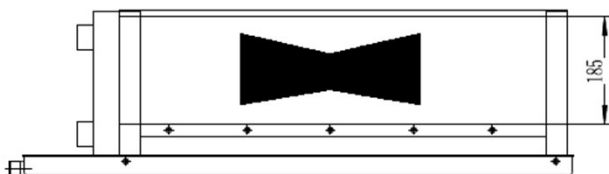
Drummond™

DCW / Cool Water

Dimensiones



Model	04FC	06FC	08FC	12FC
A	950	1150	1350	1750
B	755	965	1160	1510
C	725	935	1130	1480



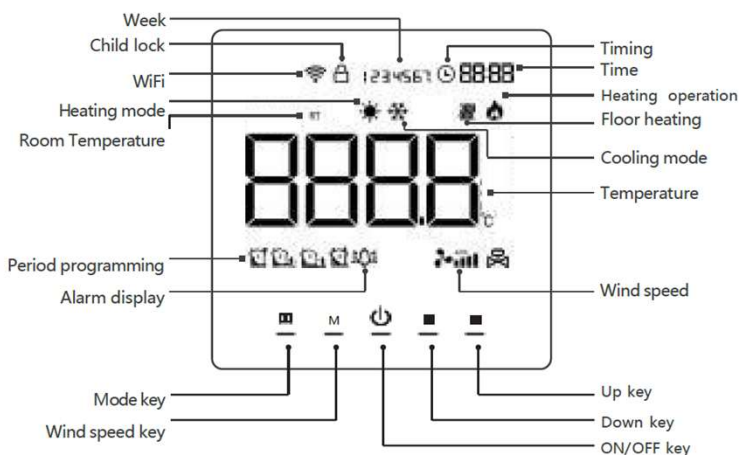
Model	16FC	20FC
A	1980	2180
B	1760	1960
C	1730	1930

Termostato DCW-AE-669K

(Opcional, venta por separado)



Funciones



Parámetros

Sensor de temperatura	Termistor
Precisión de control	$\pm 1^{\circ}\text{C}$
Distancia entre orificios de instalación	60mm (estándar)
Temperatura de operación	0 – 40°C
Alimentación eléctrica	110 – 230V / 60Hz
Potencial nominal	5A
Rango de temperatura	5 – 35°C

Diagrama de cableado

