

SPECIFICATIONS



CHILLED WATER HIGH STATIC FAN COIL UNITS FCUH - 120Pa - 4 PIPE - 3 + 1 ROW

Model No. Indoor		FCUH 30 AW	FCUH 45 AW	FCUH 60 AW	FCUH 80 AW	FCUH 100 AW	FCUH 130 AW	FCUH 160 AW	FCUH 200 AW		
Power supply		220V / 1PH / 50Hz									
Performance											
Capacity	Cooling	W	2680	4320	5780	7850	9500	12300	15400	20000	
	Heating	W	1090	1720	2290	3050	3750	4800	5950	7680	
Noise Level (High)	Indoor	dB(A)	58	58	60	60	65	65	65	65	
External Static Pressure (H / M / L)		Pa	120 / 100 / 70	120 / 100 / 70	120 / 100 / 70	120 / 100 / 70	120 / 100 / 70	120 / 100 / 70	120 / 100 / 70	120 / 100 / 70	
Air Flow Volume (H / M / L)	Cooling / Heating	l/s	129 / 87 / 74	203 / 150 / 132	264 / 181 / 155	366 / 288 / 256	463 / 368 / 319	601 / 488 / 452	741 / 598 / 537	946 / 760 / 681	
Water Flow Rate (H / M / L)	Cooling	l/s	0.128 / 0.093 / 0.082	0.206 / 0.162 / 0.146	0.275 / 0.203 / 0.178	0.374 / 0.309 / 0.281	0.453 / 0.377 / 0.337	0.587 / 0.498 / 0.468	0.733 / 0.618 / 0.567	0.952 / 0.798 / 0.730	
	Heating	l/s	0.026 / 0.019 / 0.017	0.041 / 0.033 / 0.030	0.055 / 0.042 / 0.037	0.073 / 0.062 / 0.057	0.089 / 0.076 / 0.069	0.115 / 0.099 / 0.094	0.142 / 0.122 / 0.113	0.184 / 0.157 / 0.145	
Water Pressure Drop	Cooling	KPa	7.63	22.00	44.00	94.50	23.60	42.00	71.30	136.00	
	Heating	KPa	2.62	7.39	14.70	30.80	7.89	13.80	23.20	43.90	
Fan Motor	Power	W	60	80	125 x 2 (250)	270	195	300	355	210 x 4 (840)	
	Running Current	A	0.7	0.9	1.2 x 2 (2.4)	1.72	1.7	2.29	3.2	1.72 x 4 (6.88)	
	Motor Qty	Qty	1	1	1	1	1	1	1	2	
	Scroll Qty	Qty	1	1	2	1	2	2	2	4	
Water Coil	Type		Cross Banding Radiating Pipe Aluminium Fin								
	Test Pressure	MPa	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	
	OD	mm	9.52								
	Rows	QTY	3 + 1								
Air Filter Type		Washable Sahara Net Filter									
Pipe Connections	Water In		3/4"								
	Water Out										
	Drain										
Dimensions	W x H x D	816 x 288 x 556	1051 x 288 x 556	1286 x 288 x 556	1086 x 338 x 556	1311 x 338 x 596	1491 x 338 x 596	1726 x 338 x 596	2091 x 338 x 596		
Weight - Nett	kg	26	35	44	42	46	53	61	81		



Unit Selection Software Available - Contact ECO AIRE for more information