

SPECIFICATIONS



CHILLED WATER MEDIUM STATIC FAN COIL UNITS (90Pa) 2 PIPE - 3 & 4 ROW

Model No. Indoor			FCU 30 AW	FCU 50 AW	FCU 60 AW	FCU 80 AW	FCU 100 AW	FCU 120 AW	FCU 140 AW	
Power supply			220V / 1PH / 50Hz							
Capacity	Cooling	W	2980	4960	6070	7820	8640	11400	13100	
	Heating	W	2670	4440	5380	7060	7760	10300	11500	
Noise Level (H / M / L)	Indoor	dB(A)	42 / 40 / 38	47 / 44 / 42	49 / 46 / 44	50 / 47 / 45	52 / 49 / 47	53 / 50 / -	56 / 53 / 51	
			External Static Pressure (H / M / L)	Pa	80 / 50 / 20	80 / 50 / 20	80 / 50 / 20	80 / 50 / 20	80 / 50 / 20	80 / 50 / 20
Air Flow Volume (H / M / L)	Cooling	l/s	142 / 106 / 71	236 / 177 / 118	292 / 212 / 141	378 / 283 / 189	429 / 354 / 236	567 / 425 / 284	639 / 495 / 331	
	Heating	l/s	147 / 111 / 74	248 / 186 / 125	304 / 222 / 148	394 / 296 / 198	449 / 371 / 248	605 / 454 / 304	662 / 514 / 344	
Water Flow Rate (H / M / L)	Cooling	l/s	0.142 / 0.113 / 0.081	0.237 / 0.188 / 0.135	0.290 / 0.225 / 0.161	0.373 / 0.296 / 0.213	0.412 / 0.354 / 0.256	0.545 / 0.433 / 0.313	0.625 / 0.511 / 0.368	
	Heating	l/s	0.064 / 0.051 / 0.037	0.106 / 0.084 / 0.061	0.129 / 0.099 / 0.072	0.169 / 0.134 / 0.064	0.186 / 0.159 / 0.115	0.248 / 0.197 / 0.143	0.276 / 0.226 / 0.163	
Water Pressure Drop (High)	Cooling	KPa	9.69	29.00	44.60	38.00	16.80	31.50	44.90	
	Heating	KPa	2.04	6.05	9.15	17.80	3.53	6.72	9.09	
Capacity	Cooling	W	3570	5920	7070	9160	11500	13100	15300	
	Heating	W	3220	5290	6310	8240	10200	12000	13600	
Noise Level (H / M / L)	Indoor	dB(A)	42 / 40 / 38	47 / 44 / 42	49 / 46 / 44	50 / 47 / 45	52 / 49 / 47	53 / 50 / -	56 / 53 / 51	
			External Static Pressure	Pa	80 / 50 / 20	80 / 50 / 20	80 / 50 / 20	80 / 50 / 20	80 / 50 / 20	80 / 50 / 20
Air Flow Volume (H / M / L)	Cooling	l/s	142 / 106 / 71	236 / 177 / 118	292 / 213 / 142	378 / 283 / 189	472 / 354 / 236	553 / 425 / 283	639 / 496 / 331	
	Heating	l/s	151 / 113 / 76	251 / 189 / 126	307 / 224 / 150	401 / 302 / 202	497 / 374 / 250	598 / 462 / 308	667 / 518 / 346	
Water Flow Rate (H / M / L)	Cooling	l/s	0.170 / 0.133 / 0.094	0.283 / 0.222 / 0.157	0.337 / 0.259 / 0.184	0.437 / 0.344 / 0.244	0.547 / 0.430 / 0.305	0.624 / 0.502 / 0.356	0.730 / 0.591 / 0.421	
	Heating	l/s	0.077 / 0.061 / 0.043	0.127 / 0.099 / 0.071	0.151 / 0.116 / 0.083	0.197 / 0.156 / 0.111	0.244 / 0.192 / 0.137	0.287 / 0.232 / 0.165	0.325 / 0.263 / 0.187	
Water Pressure Drop (High)	Cooling	KPa	17.70	52.80	35.40	36.30	60.40	24.20	35.60	
	Heating	KPa	3.75	11.00	7.35	7.66	12.50	5.28	7.32	
Fan Motor	Power	W	120	120	120	120 x 2 (240)	120 x 2 (240)	120 x 2 (240)	120 x 2 (240)	
	Running Current	A	0.26	0.45	0.57	0.8	1.1	1.2	1.4	
	Motor Qty	Qty	1	1	1	2	2	2	2	
	Scroll Qty	Qty	2	2	2	4	4	4	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	
	OD	mm	9.52							
	Rows	QTY	3 & 4							
Air Filter Type			Washable Sahara Net Filter							
Pipe Connections	Water In									
	Water Out	3/4"								
	Drain									
Dimensions	W x H x D	877 x 265 x 545	1102 x 265 x 545	1197 x 265 x 545	1482 x 265 x 545	1672 x 265 x 545	1937 x 265 x 545	2172 x 265 x 545		
Weight - Nett	kg	22	23	25	38.9	42.5	48.5	56		



Unit Selection Software Available - Contact ECO AIRE for more information