

# SPECIFICATIONS



## CHILLED WATER LOW STATIC FAN COIL UNITS FCU - 50Pa - 4 PIPE - 3 + 1 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						
Performance									
Capacity	Cooling	W	2720	4640	5580	7280	8650	10700	12700
	Heating	W	1110	1850	2200	2930	3420	4200	4960
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 / 48	56 / 53 / 51
		External Static Pressure (H / M / L)	Pa	50	50	50	50	50	50
Air Flow Volume (H / M / L)	Cooling	l/s	126.00 / 96.00 / 75.90	217 / 162 / 128	262 / 196 / 156	346 / 259 / 256	430 / 332 / 267	522 / 389 / 310	615 / 459 / 365
	Heating	l/s	0.027 / 0.104 / 0.086	0.221 / 0.175 / 0.145	0.266 / 0.211 / 0.175	0.347 / 0.276 / 0.273	0.412 / 0.336 / 0.282	0.510 / 0.404 / 0.336	0.607 / 0.480 / 0.399
Water Flow Rate (H / M / L)	Cooling	l/s	0.130 / 0.022 / 0.018	0.044 / 0.036 / 0.030	0.053 / 0.043 / 0.036	0.070 / 0.057 / 0.057	0.082 / 0.067 / 0.058	0.100 / 0.081 / 0.069	0.119 / 0.097 / 0.082
	Heating	l/s	0.027 / 0.104 / 0.086	0.221 / 0.175 / 0.145	0.266 / 0.211 / 0.175	0.347 / 0.276 / 0.273	0.412 / 0.336 / 0.282	0.510 / 0.404 / 0.336	0.607 / 0.480 / 0.399
Water Pressure Drop	Cooling	KPa	2.88	25.80	38.60	33.60	16.80	28.10	42.50
	Heating	KPa	8.28	8.66	12.80	25.50	5.62	9.31	14.00
Fan Motor	Power	W	30	60	70	45 x 2 (90)	60 x 2 (120)	70 x 2 (140)	80 x 2 (160)
	Running Current	A	0.38	0.56	0.65	0.48 x 2 (0.96)	0.6 x 2 (1.2)	0.68 x 2 (1.36)	0.78 x 2 (1.56)
	Motor	Qty	1	1	1	2	2	2	2
	Scroll	Qty	2	2	2	4	4	4	4
Water Coil	Type		Cross Banding Radiating Pipe Aluminium Fin						
	Test Pressure	MPa	2	2	2	2	2	2	2
	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		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	2170 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