

# SPECIFICATIONS



## CHILLED WATER 4 WAY CASSETTE UNITS 4 PIPE

Model No. Indoor			EC06S-4	EC08S-4	EC09X-4	EC10X-4	EC12X-4	EC16X-4	EC20X-4
Power supply			230V / 1PH / 50Hz						
Total Capacity (H / M / L)	Cooling	W	3680 / 3170 / 2680	4030 / 3310 / 2760	5000 / 3700 / 2760	5820 / 4210 / 3500	7380 / 4970 / 3650	9900 / 8180 / 6370	16200 / 12500 / 9970
Sensible Capacity (H / M / L)	Cooling	W	2670 / 2290 / 1920	2940 / 2390 / 1980	3580 / 2620 / 1940	4190 / 2990 / 2480	5340 / 3550 / 2580	7110 / 5840 / 4510	11700 / 8930 / 7070
Total Capacity (H / M / L)	Heating	W	538 / 480 / 423	577 / 496 / 432	795 / 629 / 500	895 / 695 / 602	1080 / 790 / 621	1610 / 1380 / 1130	2570 / 2070 / 1710
Noise Level (1m) (H / M / L)	Indoor	dB(A)	42 / 38 / 35	43 / 40 / 36	44 / 41 / 37	45 / 42 / 39	47 / 44 / 41	49 / 46 / 42	57 / 52 / 48
Air Flow (H / M / L)		l/s	160 / 133 / 109	179 / 141 / 113	209 / 146 / 103	251 / 170 / 136	336 / 207 / 143	439 / 348 / 257	759 / 550 / 417
Cold Water Flow Rate		l/s	0.175 / 0.151 / 0.128	0.192 / 0.158 / 0.132	0.239 / 0.177 / 0.131	0.278 / 0.201 / 0.167	0.352 / 0.237 / 0.174	0.472 / 0.39 / 0.304	0.774 / 0.596 / 0.475
Cold Water Pressure Drop		kPa	3.89 / 3.01 / 2.27	4.54 / 3.25 / 2.39	8.2 / 4.90 / 2.97	10.6 / 6.10 / 4.46	16 / 8.09 / 4.77	21.6 / 15.5 / 10.1	58.9 / 37.3 / 25.1
Hot Water Flow Rate		l/s	0.0129 / 0.0115 / 0.0101	0.0138 / 0.0119 / 0.0103	0.019 / 0.015 / 0.012	0.0214 / 0.0166 / 0.0144	0.0258 / 0.0189 / 0.0149	0.0386 / 0.033 / 0.0270	0.0614 / 0.0496 / 0.0413
Hot Water Pressure Drop		kPa	0.0217 / 0.0194 / 0.0171	0.0233 / 0.02 / 0.0175	0.0408 / 0.032 / 0.0257	0.0459 / 0.0356 / 0.0309	0.0553 / 0.0405 / 0.0319	0.216 / 0.166 / 0.0786	0.554 / 0.384 / 0.281
Fan / Motor	Fan Diameter	mm	315	315	380	380	380	476	530
	Fan No.	Qty	1	1	1	1	1	1	1
	Motor No.	Qty	1	1	1	1	1	1	1
	Power	W	58	64	71	84	127	170	290
Water Coil	Working Pressure	MPa	1.6						
	Rows	QTY	2						
	Tube Diameter	Inch	3/8"						
Pipe Connections	Water - In	Inch	3/4"						
	Water - Out	Inch	3/4"						
	Drain	Inch	1" (Outer Diameter)						
Unit Dimensions	W x H x D	581 x 581 x 290	581 x 581 x 290	701 x 701 x 290	701 x 701 x 290	701 x 701 x 290	811 x 811 x 290	950 x 950 x 290	
Panel Dimensions	W x H x D	680 x 680	680 x 680	830 x 830	830 x 830	830 x 830	980 x 980	1140 x 1140	
Weight	kg - Nett	23	23	30	30	30	38	50	



Unit Selection Software Available - Contact ECO AIRE for more information