

SPECIFICATIONS



CHILLED WATER 4 WAY CASSETTE UNITS 2 PIPE

Model No. Indoor			EC03S-2	EC04S-2	EC06S-2	EC08S-2	EC09X-2	EC10X-2	EC12X-2	EC16X-2	EC20X-2
Power supply			230V / 1PH / 50Hz								
Total Capacity (H / M / L)	Cooling	W	3250 / 2680 / 2280	3530 / 2980 / 2530	4600 / 3940 / 3330	5050 / 4130 / 3440	5740 / 4230 / 3150	6690 / 4830 / 4020	8500 / 5710 / 4190	11100 / 9180 / 7130	18100 / 13900 / 11100
Sensible Capacity (H / M / L)	Cooling	W	2260 / 1850 / 1570	2460 / 2060 / 1750	3220 / 2750 / 2310	3550 / 2890 / 2390	4060 / 2970 / 2190	4750 / 3390 / 2810	6080 / 4030 / 2930	7910 / 6480 / 5000	12900 / 9830 / 7770
Total Capacity (H / M / L)	Heating	W	3020 / 2490 / 2130	3420 / 2890 / 2470	4320 / 3710 / 3140	4750 / 3890 / 3250	5450 / 4030 / 3000	6170 / 4460 / 3720	7840 / 5280 / 3880	9960 / 8220 / 6390	16000 / 12300 / 9760
Electric Heating (OPTIONAL MAX.)		W	2000	2000	2000	2000	2000	2000	3000	3000	3000
Noise Level (1m) (H / M / L)	Indoor	dB(A)	38 / 35 / 30	39 / 36 / 32	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) Cooling		l/s	118 / 94.1 / 78.4	130 / 106 / 88.3	176 / 147 / 121	197 / 155 / 125.8	225 / 157 / 112	270 / 183 / 148	360 / 223 / 155	459 / 364 / 270	783 / 568 / 432
Air Flow (H / M / L) Heating		l/s	130 / 104 / 86.8	150 / 124 / 103	197 / 165 / 136	220 / 174 / 141	243 / 171 / 122	292 / 199 / 161	388 / 242 / 169	480 / 382 / 284	809 / 588 / 448
Water Flow Rate (Cooling)		l/s	0.155 / 0.128 / 0.109	0.168 / 0.142 / 0.121	0.219 / 0.188 / 0.159	0.241 / 0.197 / 0.164	0.274 / 0.202 / 0.15	0.319 / 0.23 / 0.191	0.405 / 0.272 / 0.2	0.531 / 0.438 / 0.34	0.866 / 0.664 / 0.528
Water Flow Rate (Heating)		l/s	0.0722 / 0.0596 / 0.0509	0.0818 / 0.0693 / 0.059	0.103 / 0.0889 / 0.0752	0.114 / 0.0932 / 0.0777	0.131 / 0.0963 / 0.0718	0.148 / 0.107 / 0.089	0.188 / 0.126 / 0.0929	0.238 / 0.197 / 0.153	0.383 / 0.294 / 0.233
Water Pressure Drop (Cooling)		kPa	14.4 / 10.3 / 7.86	16.6 / 12.4 / 9.38	26.2 / 20.1 / 15	30.8 / 21.8 / 15.8	11.9 / 7.04 / 4.26	15.5 / 8.82 / 6.44	23.4 / 11.8 / 6.91	30.3 / 21.6 / 14	81.9 / 51.5 / 34.5
Water Pressure Drop (Heating)		kPa	3.20 / 2.31 / .76	3.97 / 2.98 / 2.27	5.94 / 4.58 / 3.44	7.01 / 4.97 / 3.64	11.1 / 6.56 / 3.95	3.41 / 1.95 / 1.43	5.15 / 2.6 / 1.54	6.31 / 4.52 / 2.93	16.6 / 10.5 / 7.02
Fan / Motor	Fan Diameter	mm	315	315	315	315	380	380	380	476	530
	Fan No.	Qty	1	1	1	1	1	1	1	1	1
	Motor No.	Qty	1	1	1	1	1	1	1	1	1
	Power	W	39	54	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	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	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	680 x 680	680 x 680	830 x 830	830 x 830	830 x 830	830 x 830	980 x 980	1140 x 1140
Weight	kg - Net	23.5	23.5	23.5	23.5	31	31	31.5	31.5	39.5	52



Unit Selection Software Available - Contact ECO AIRE for more information