

SPECIFICATIONS



CHILLED WATER LOW PROFILE AIR HANDLING UNITS FWU- 4 PIPE - 4 & 6 ROW

Model No. Indoor			FWU 15 A	FWU 20 A	FWU 25 A	FWU 30 A	FWU 40 A	FWU 50 A	FWU 60 A	FWU 80 A	FWU 100 A	FWU 120 A	FWU 150 A	
Power supply			380V / 3PH / 50Hz											
4 ROW	Capacity	Cooling	W	8820	12500	16400	19100	24700	32600	38300	52300	73100	86900	112000
		Heating	W	2090	3210	4420	5600	7850	10500	13000	16600	23100	27600	35500
	Noise Level	Indoor	dB(A)	58	59	61	62	61	61	62	63	63	67	68
				External Static Pressure	Pa	300	300	300	300	300	300	300	400	400
	Air Flow	Cooling / Heating	l/s	375	511	658	794	1022	1316	1588	2104	2978	3522	4567
				Water Flow Rate	Cooling	l/s	0.42	0.60	0.78	0.91	1.18	1.56	1.83	2.49
	Heating	l/s	0.05				0.08	0.11	0.13	0.19	0.25	0.31	0.40	0.55
			Water Pressure Drop	Cooling	KPa	10.10	21.80	40.30	19.60	17.30	33.30	18.90	51.90	79.70
Heating	KPa	0.05				0.08	0.26	0.45	0.99	1.93	3.27	2.61	4.51	4.80
		6 ROW	Capacity	Cooling	W	9580	13300	17600	21700	26700	35300	43400	55000	78000
Heating	W			1900	2900	4140	5280	7110	9820	12200	14200	19700	23900	29800
Noise Level	Indoor		dB(A)	58	59	61	62	61	61	62	63	65	67	68
				External Static Pressure	Pa	300	300	300	300	300	300	300	400	400
Air Flow	Cooling / Heating		l/s	322	439	599	727	887	1200	1453	1857	2658	3209	3939
				Water Flow Rate	Cooling	l/s	0.46	0.64	0.84	1.04	1.27	1.69	2.07	2.62
Heating	l/s		0.05				0.07	0.10	0.13	0.17	0.24	0.29	0.34	0.47
			Water Pressure Drop	Cooling	KPa	17.40	36.50	22.60	36.70	29.70	21.20	35.20	32.10	47.40
Heating	KPa	0.04				0.08	0.24	0.40	0.83	1.73	2.93	0.86	1.13	1.23
		Fan / Motor	Fan Type	Centrifugal Double Inlet										
Scroll	Qty		1	1	1	1	2	2	2	2	2	2	2	2
	Power		W	0.45	0.55	0.55	0.55	0.55 x 2 (1.1)	0.55 x 2 (1.1)	0.55 x 2 (1.1)	1.0 x 2 (2)	1.8 x 2 (3.6)	1.8 x 2 (3.6)	3 x 2 (6)
Runnig Current	A		1.35	1.6	1.6	1.6	1.6 x 2 (3.2)	1.6 x 2 (3.2)	1.6 x 2 (3.2)	3 x 2 (6)	4.99 x 2 (9.98)	4.99 x 2 (9.98)	7.9 x 2 (15.8)	
			Motor	Qty	1	1	1	1	2	2	2	2	2	2
Drive Type	Direct Drive Type													
Water Coil	Test Pressure	MPa	1.57											
			Type	FPI										
	Rows	QTY	4											
			Internal Volume	Litre	3.2	4.1	5.1	6	7.9	6.6	7.8	9.7	12.1	14.5
Pipe Connections	Water In	1 1/4"	1 1/4"	1 1/4"	1 1/4"	1 1/4"	1 1/4"	1 1/4"	1 1/2"	2"	2"	2"	2 1/2"	
		Water Out	1 1/4"	1 1/4"	1 1/4"	1 1/4"	1 1/4"	1 1/4"	1 1/2"	2"	2"	2"	2 1/2"	
	Drain	1	1	1	1	1	1	1	1	1 1/4"	1 1/4"	1 1/4"	1 1/4"	
Dimensions	W x H x D	760 x 495 x 1120	910 x 495 x 1120	1055 x 495 x 1120	1200 x 495 x 1120	1500 x 495 x 1120	1795 x 495 x 1120	2090 x 495 x 1120	1965 x 667 x 1360	2115 x 743 x 1410	2165 x 845 x 1530	2240 x 997 x 1600		
Weight	kg - Nett	98	112	125	137	185	208	231	312	363	421	466		

Unit Selection Software Available - Contact ECO AIRE for more information