

SPECIFICATIONS



CHILLED WATER LOW PROFILE AIR HANDLING UNITS FWU- 2 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	9770	13600	17300	20100	26800	34400	40200	55100	67600	80900	103000
		Heating	W	8230	13300	16100	18800	26300	32100	37500	51000	53100	64200	78800
	Noise Level	Indoor	dB(A)	58	59	61	62	61	61	6+2	63	65	67	68
	External Static Pressure		Pa	300	300	300	300	300	300	300	400	400	400	400
	Air Flow	Cooling	l/s	425	564	701	841	1127	1400	1681	2242	2712	3231	4109
		Heating	l/s	398	646	765	910	1288	1528	1817	2432	2433	2939	3585
	Water Flow Rate	Cooling	l/s	0.47	0.65	0.83	0.96	1.28	1.64	1.91	2.63	3.23	3.86	4.91
		Heating	l/s	0.20	0.32	0.39	0.45	0.63	0.77	0.90	1.22	1.27	1.54	1.88
	Water Pressure Drop	Cooling	KPa	12.00	25.10	44.20	21.20	19.80	36.40	20.50	57.00	69.50	74.30	82.60
		Heating	KPa	2.26	6.12	9.90	4.80	4.86	8.18	4.61	12.60	11.50	12.60	13.10
6 ROW	Capacity	Cooling	W	9830	13700	18100	22200	27600	36200	44400	58600	82300	98500	124000
		Heating	W	10400	14100	17400	21100	28100	34700	42100	56300	68800	81900	105000
	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	400	400
	Air Flow	Cooling	l/s	332	454	614	746	918	1232	1491	1995	2825	3374	4257
		Heating	l/s	417	555	695	836	1115	1391	1668	2261	2742	3258	4174
	Water Flow Rate	Cooling	l/s	0.47	0.66	0.86	1.06	1.32	1.71	2.12	2.80	3.92	4.70	5.93
		Heating	l/s	0.25	0.34	0.42	0.51	0.67	0.83	1.01	1.35	1.65	1.96	2.51
	Water Pressure Drop	Cooling	KPa	18.20	38.50	23.50	38.10	31.30	22.10	36.70	35.80	52.10	55.10	59.80
		Heating	KPa	5.09	10.20	5.57	8.82	8.19	5.22	8.46	8.45	9.64	10.10	11.20
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)	
	Running 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	2	
Drive Type		Direct Drive Type												
Water Coil	Test Pressure	MPa	1.57											
	Type	FPI	12.7											
	Rows	QTY	4											
Internal Volume	Internal Volume	Litre	3.2	4.1	5.1	6	7.9	6.6	7.8	9.7	12.1	14.5	18	
	Pipe Connections	Water In	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