

Floor standing unit



AC fan motor unit for vertical mounting

- Quick fixing system for wall mounted installation
- Pre-assembled 3-way/4-port on/off valves are available
- Valve packages are insulated, no extra drain pan required
- Valve packages contain balancing valves and sensor pocket
- Fast-on connections for electrical options: no tools needed
- The air filter can easily be removed for cleaning
- Electric heater: no relay up to 2kW capacity
- Electric heater: equipped with two overheat cut-out thermostats

Optional

3-speed switch, wired wall controller, WIFI, RS485 ModBus, master-slave network control, 2-way valve, 3-way valve, electric heater



Performance data (2 pipes 3 rows)

Model			FCU51	FCU68	FCU85	FCU102	FCU136	FCU170	FCU204	FCU238
Air volume m³/h		H	510	680	850	1020	1360	1700	2040	2380
		M	445	535	664	815	1080	1278	1570	1785
		L	339	390	476	555	760	932	1154	1190
Total cooling capacity W		H	2700	3600	4500	5400	7200	9000	10800	12600
		M	2133	2844	3555	4266	5688	7110	8532	9954
		L	1458	1944	2430	2916	3888	4860	5832	6804
Sensible cooling capacity W		H	2106	2808	3510	4212	5616	7020	8424	9828
		M	1664	2218	2773	3327	4437	5546	6655	7764
		L	1137	1516	1895	2274	3033	3791	4549	5307
Heating capacity W		H	4050	5400	6750	8100	10800	13500	16200	18900
		M	3240	4320	5400	6480	8640	10800	12960	15120
		L	2146.5	2862	3577.5	4293	5724	7155	8586	10017
Input power W	12Pa	H	52	62	76	96	134	152	189	228
	30Pa	H	59	72	87	108	156	174	212	253
	50Pa	H	66	84	100	118	174	210	250	300
Noise dB(A)	12Pa	H	39	41	43	45	46	48	50	52
	30Pa	H	42	44	46	47	48	50	52	54
	50Pa	H	44	46	47	49	50	52	54	56
Water volume m³/H			0.4644	0.6192	0.774	0.9288	1.2384	1.548	1.8576	2.1672
Water pressure loss kPa			18	22	26	33	34	35	38	45
Dimension mm			L*W*H	917*240*685	917*240*685	917*240*685	1303*240*685	1303*240*685	1689*240*685	1689*240*685
Weight kg				15	16	18	20	27	32	35
Motor	Type	E class insulation, permanent capacitor, 3 speed fan								
	Qty		1	1	1	1	2	2	2	2
Fan	Type	Double inlet, forward curve, multi blades, centrifugal fan								
	Qty		2	2	2	2	3	4	4	4
Water connection pipe			3/4" (DN20)							
Condensed water pipe			3/4" (DN20)							
Max working pressure			1.6MPa							
Power supply			AC 220V/50Hz							

Remarks:

1. Cooling: inlet air temp. DB27°C/WB19.5°C, water inlet/outlet temp. 7°C/12°C.
2. Heating: inlet air temp. DB21°C, water inlet temp. 60°C; same water flow rate as for the cooling.
3. Sound pressure level is the test value of the unit running at high speed in an anechoic or semi anechoic chamber, 1 meter below and front of the unit.

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EC fan motor unit for vertical mounting.
Continuous air flow regulation and fan speed modulation

- Up to 70% energy savings with EC motor technology compared to traditional technology
- Instant adjustment to temperature and relative humidity changes
- Low operating sound level
- Highly flexible solutions: multiple sizes, piping topologies and connection valves
- Requires very little installation space

Optional

Wired wall controller, RS485 ModBus, master-slave network control, 2-way valve, 3-way valve, electric heater



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		L	2146.5	2862	3577.5	4293	5724	7155	8586	10017
Input power W	12Pa	H	30	36	44	56	78	88	114	139
	30Pa	H	34	42	51	65	91	101	140	166
	50Pa	H	40	49	61	80	101	125	173	208
Noise dB(A)	12Pa	H	39	41	43	45	46	48	50	52
	30Pa	H	42	44	46	47	48	50	52	54
	50Pa	H	44	46	47	49	50	52	54	56
Water volume m ³ /H			0.4644	0.6192	0.774	0.9288	1.2384	1.548	1.8576	2.1672
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Dimension mm	L*W*H		917*240*685	917*240*685	917*240*685	1303*240*685	1303*240*685	1689*240*685	1689*240*685	1689*240*685
Weight kg			15	16	18	20	27	32	35	37
Motor	Type	EC motor								
	Qty		1	1	1	1	2	2	2	2
Fan	Type	Double inlet, forward curve, multi blades, centrifugal fan								
	Qty		2	2	2	2	3	4	4	4
Water connection pipe		3/4" (DN20)								
Condensed water pipe		3/4" (DN20)								
Max working pressure		1.6MPa								
Power supply		AC 220V/50Hz								

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