

Fan Coil Units FWD-AT/AF



Concealed ceiling unit with high ESP

- AC fan motor unit for horizontal or vertical concealed mounting
- Quick fixing system for wall or ceiling mounted installation
- Straight duct connector mounted to discharge side
- The air filter can easily be removed for cleaning
- Available static pressure up to 180Pa at maximum speed



Indoor unit			FWD-AT/AF	04	06	08	10	12	16	18	04	06	08	10	12	16	18
				2-pipe								4-pipe					
Cooling capacity (standard conditions)	Total capacity	High	kW	3.65	5.71	7.33	8.25	11.86	15.92	17.74	3.62	5.60	7.20	8.10	11.66	15.84	17.66
		Medium	kW	3.36	5.39	6.63	7.41	10.12	13.83	15.36	3.33	5.32	6.54	7.31	10.00	13.77	15.29
		Low	kW	2.74	4.99	6.03	6.68	8.42	11.63	12.92	2.73	4.92	5.97	6.61	8.33	11.59	12.87
	Sensible capacity	High	kW	2.83	4.16	6.04	6.58	9.22	12.21	13.49	2.80	4.08	5.94	6.46	9.06	12.14	13.41
		Medium	kW	2.59	3.94	5.39	5.86	7.75	10.43	11.40	2.57	3.89	5.31	5.77	7.66	10.38	11.34
		Low	kW	2.10	3.66	4.84	5.23	6.35	8.61	9.37	2.09	3.60	4.79	5.17	6.29	8.58	9.34
Heating capacity (standard conditions)	High		kW	4.05	6.42	7.88	8.93	12.72	17.29	19.05	3.91	5.72	7.99	7.94	14.43	19.30	19.20
	Medium		kW	3.69	6.03	7.11	8.04	10.84	15.05	16.40	3.68	5.51	7.47	7.44	12.63	17.17	17.03
	Low		kW	3.04	5.59	6.47	7.28	9.06	12.68	13.73	3.23	5.25	7.02	6.99	10.86	14.88	14.79
Power input	High		kW	0.265	0.460	0.505	0.750	1.300	0.265	0.460	0.505	0.750	1.300	0.265	0.460	0.505	0.750
	Medium		kW	0.19	0.39	0.38	0.54	1.09	0.19	0.39	0.38	0.54	1.09	0.19	0.39	0.38	0.54
	Low		kW	0.14	0.35	0.29	0.37	0.87	0.14	0.35	0.29	0.37	0.87	0.14	0.35	0.29	0.37
Dimensions	Unit	HeightxWidthxLength	mm	559x754x280	559x964x280	559x1,170x280	718x1,170x353	718x1,380x353	559x754x280	559x964x280	559x1,170x280	718x1,170x353	718x1,380x353	559x754x280	559x964x280	559x1,170x280	718x1,170x353
Weight	Unit		kg	32.5	40.6	47.3	48.7	65.3	77.0	79.5	34.7	43.2	50.3	51.7	70.9	83.4	85.9
Air filter	Type			Acrylic fiber - Filtering class G2 (G4 on request)													
Fan	Type			Centrifugal													
	Quantity			1	2							1	2				
	Air flow rate	High	m³/h	802	1,241	1,609	1,584	2,380	3,206	3,175	794	1,212	1,573	1,550	2,328	3,186	3,155
		Medium	m³/h	700	1,134	1,384	1,371	1,898	2,641	2,604	694	1,115	1,362	1,349	1,871	2,626	2,590
		Low	m³/h	534	1,021	1,208	1,200	1,485	2,092	2,073	532	1,004	1,194	1,186	1,466	2,084	2,065
Total sound power level	High		dBA	66.0	69.0	72.0	74.0	78.0	66.0	69.0	72.0	74.0	78.0	66.0	69.0	72.0	74.0
	Medium		dBA	61.0	63.0	67.0	69.0	73.0	61.0	64.0	67.0	69.0	73.0	61.0	64.0	67.0	69.0
	Low		dBA	54.0	59.0	62.0	60.0	69.0	54.0	61.0	62.0	60.0	69.0	54.0	61.0	62.0	60.0
Sound pressure level	High		dBA	61.0	64.0	67.0	69.0	73.0	61.0	64.0	67.0	69.0	73.0	61.0	64.0	67.0	69.0
	Medium		dBA	56.0	58.0	62.0	60.0	68.0	56.0	59.0	62.0	60.0	68.0	56.0	59.0	62.0	60.0
	Low		dBA	49.0	54.0	57.0	55.0	64.0	49.0	56.0	57.0	55.0	64.0	49.0	56.0	57.0	55.0
Electric heater	Power input (Optional)		kW	2.0	6.0	9.0	12.0	2.0	6.0	9.0	12.0	2.0	6.0	9.0	12.0	2.0	6.0
Piping connections	Drain	OD	mm	17													
Power supply	Phase/Frequency/Voltage		Hz/V	1~/50/230													
Control systems	Wired remote control			FWEC3A/FWEDA/SHINKA/FWEC2T/4T													

For standard conditions refer to the Measuring Conditions table, at the end of this catalogue

