

WALLMOUNTED FANCOIL UNIT



The ASAMI wall-mounted fan coil ensures even temperature and humidity distribution across various spaces through its well-balanced airflow design. An optimized air flue structure significantly enhances fan efficiency while reducing operational noise for quieter performance. Equipped with a built-in air valve, the unit offers more reliable and stable operation. Featuring high-efficiency DC fans, it delivers energy-saving performance while maintaining consistent comfort.

MODEL			AFCD-23WM/2P	AFCD-28WM/2P	FCD-40WM/2P	FCD-45WM/2P
Capacity (H/M/L)	Cooling	kW	2.30/1.75/1.24	2.80/2.30/1.62	3.90/3.07/2.30	4.45/3.17/2.13
	Heating	kW	2.79/2.21/1.76	3.23/2.79/1.89	4.05/3.20/2.79	5.55/3.92/2.80
Power supply	V/Ph/Hz		220-240V~ 50Hz & 208-230V~ 60Hz			
Power Consumption (H/M/L)	W		18/14/12	22/18/13	33/20/15	38/19/13
Airflow volume (H/M/L)	m ³ /h		400/300/210	550/400/270	720/530/400	900/650/450
Pressure drop	Cooling	kPa	27/19/13	27/23/14	56/36/27	28/18/12
	Heating	kPa	41/27/19	35/27/15	57/39/41	55/23/14
Sound pressure level	dB(A)		34/28/22	37/34/25	45/40/34	43/34/26
Water flow volume	Cooling	l/s	0.11	0.13	0.19	0.21
	Heating	l/s	0.13	0.15	0.19	0.26
Connection	Inlet/Outlet	mm	φ12			
	Drain pipe	mm	φ17×1 (OD x WT)			
	Outline	mm	810×260×190	897×276×206	897×276×206	978×333×248
Main body	Dimension (W×D×H)	mm	888×331×267	953×349×279	953×349×279	1055×414×335
	Package	mm	888×331×267	953×349×279	953×349×279	1055×414×335
	Net weight/Gross weight	kg	7.5/11	9/12.5	9/12.5	13/18

MODEL			AFCD-53WM/2P	AFCD-60WM/2P	AFCD-75WM/2P	AFCD-85WM/2P
Capacity (H/M/L)	Cooling	kW	5.30/3.81/2.70	6.10/5.40/4.27	7.35/5.30/4.59	8.38/7.30/5.85
	Heating	kW	6.60/4.87/3.70	6.80/5.63/4.36	8.15/6.60/5.19	9.59/8.45/6.80
Power supply	V/Ph/Hz		220-240V~ 50Hz & 208-230V~ 60Hz			
Power Consumption (H/M/L)	W		62/28/17	90/58/33	95/55/28	107/74/45
Airflow volume (H/M/L)	m ³ /h		1100/780/600	1190/930/680	1400/1100/800	1700/1360/1050
Pressure drop	Cooling	kPa	58/32/18	73/60/38	92/58/39	110/90/60
	Heating	kPa	70/42/27	83/60/40	90/70/46	120/97/65
Sound pressure level	dB(A)		46/38/31	49/43/35	50/46/38	54/50/43
Water flow volume	Cooling	l/s	0.25	0.29	0.35	0.40
	Heating	l/s	0.31	0.32	0.39	0.46
Connection	Inlet/Outlet	mm	φ12			
	Drain pipe	mm	φ17×1 (OD x WT)			
	Outline	mm	978×333×248	978×333×248	1116×333×248	1350×333×253
Main body	Dimension (W×D×H)	mm	1055×414×335	1055×414×335	1193×411×336	1433×421×355
	Package	mm	1055×414×335	1055×414×335	1193×411×336	1433×421×355
	Net weight/Gross weight	kg	13/18	13/18	15/20.5	18/23

Testing conditions for models

(a) Rated cooling conditions - dry / set bulb temperature: 27°C/ 19.5°C, entering/leaving water temperature: 7°C/ 12°C. (b) Rated heating conditions - dry bulb temperature: 21°C, entering water temperature: 60°C, the water flow is the same as that of the cooling condition.

Noise testing condition: the test condition is a semi-anechoic room, and the nominal value is the high-speed noise of the unit. The actual use changes due to changes of the environment.

The above specifications are subject to change without prior notice.

● Easy Installation

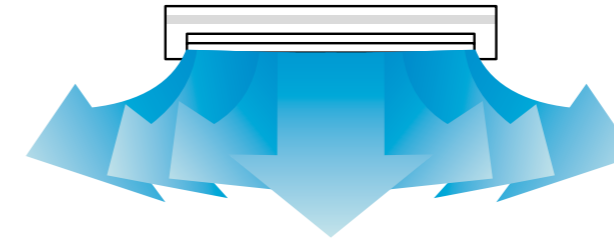
It adopts wall-mounted installation, no need occupying floor space and no need to suspend the ceiling. Refrigerant pipe can be installed flexibly.

● Uniform Temperature Distribution and High Comfort

The temperature field is evenly and reasonably distributed, the heating airflow can directly reach the ground, warming the entire room, greatly improving human comfort.

● Automatic Up and Down Swing Design

With up and down swing function, air louver can realize automatic control, air supply range is increased and air supply is uniform, creating a comfortable working and living environment.



● Washable Filter

With long-term filter, which can be disassembled and cleaned for easy maintenance.

● Removable Panel

Panel of the indoor unit can be easily slid in or out, disassembly is simple and easy, which is easy to clean and the appearance of indoor unit can be kept clean and new.

● Powerful and Fast

Using intelligent temperature control technology, with powerful and rapid cooling/heating function, can make the indoor temperature quickly reach the set temperature.

● Wide Air Supply

The wind can be naturally and evenly distributed to all corners of the room.



● Quiet Design

Using high-efficiency cross-flow fan blades, noise of the whole unit is greatly reduced.

STANDARD
Wireless controller YAP1F

(Optional: wired controller
XE7B-17/E(M))

