



MODEL			AFCD-20D3/2P	AFCD-35D3/2P	AFCD-50D3/2P	AFCD-60D3/2P
Capacity (H/M/L)	Cooling	kW	2.20/1.70/1.20	3.60/3.10/2.49	5.00/3.90/3.10	6.00/4.70/3.80
	Heating	kW	2.60/2.10/1.50	4.25/3.60/2.85	5.60/4.60/3.75	7.00/5.80/4.50
Power supply	V/Ph/Hz		220-240V~ 50Hz & 208-230V~ 60Hz			
Power Consumption (H/M/L)	W		21/14/10	30/20/15	49/25/15	80/36/22
Airflow volume (H/M/L)	m³/h		380/300/220	580/450/350	900/710/540	110/870/660
Pressure drop	Cooling	kPa	21/12.5/7	25/19.5/13.5	28.5/19/12.5	26.5/16.5/11.5
	Heating	kPa	23.5/15/9.5	27/22/15	27.5/21.5/13.5	28/21/14
Sound power level	dB(A)		54/47/40	54/50/43	60/55/48	64/59/52
Water flow volume	Cooling	l/s	0.11/0.08/0.06	0.17/0.15/0.12	0.24/0.19/0.15	0.29/0.22/0.18
	Heating	l/s	0.13/0.10/0.07	0.20/0.17/0.14	0.26/0.23/0.17	0.33/0.28/0.22
Connection	Inlet/Outlet	inches	Rc3/4			
	Drain pipe	mm	Rc3/4			
Main body	Dimension (W×D×H)	Outline	665×529×228	835×529×228	960×529×228	1060×529×228
		Package	725×260×540	895×260×540	1020×260×540	1120×260×540
	Net weight/Gross weight	kg	12/14.5	14.5/17.5	17/20	17.5/21

MODEL			AFCD-85D3/2P	AFCD-95D3/2P	AFCD-115D3/2P	AFCD-130D3/2P
Capacity (H/M/L)	Cooling	kW	8.30/6.50/5.20	9.50/7.50/6.10	11.40/9.00/7.30	13.00/10.30/8.50
	Heating	kW	9.30/7.40/5.80	10.80/8.70/6.90	12.70/10.50/8.70	14.50/12.00/10.00
Power supply	V/Ph/Hz		220-240V~ 50Hz & 208-230V~ 60Hz			
Power Consumption (H/M/L)	W		79/33/18	108/53/24	162/67/34	207/82/43
Airflow volume (H/M/L)	m³/h		1450/1100/820	1800/1360/1020	2100/1720/1300	2500/1980/1500
Pressure drop	Cooling	kPa	28.5/18.5/12.5	39/27.5/18	44/29/20	47/31/21.5
	Heating	kPa	28.5/19.5/13.0	39/27.5/19	43.5/34.5/23.5	45.5/34.5/23.5
Sound power level	dB(A)		63/56/50	67/60/53	70/62/56	70/65/58
Water flow volume	Cooling	l/s	0.39/0.31/0.24	0.45/0.37/0.29	0.55/0.43/0.35	0.64/0.50/0.41
	Heating	l/s	0.43/0.35/0.28	0.50/0.41/0.33	0.60/0.52/0.42	0.68/0.58/0.47
Connection	Inlet/Outlet	inches	Rc3/4			
	Drain pipe	mm	Rc3/4			
Main body	Dimension (W×D×H)	Outline	1435×529×228	1535×529×228	1695×529×228	1885×529×228
		Package	1495×260×540	1595×260×540	1755×260×540	1945×260×540
	Net weight/Gross weight	kg	26.5/31	27/31.5	30/34	34/38.5

Testing conditions for models

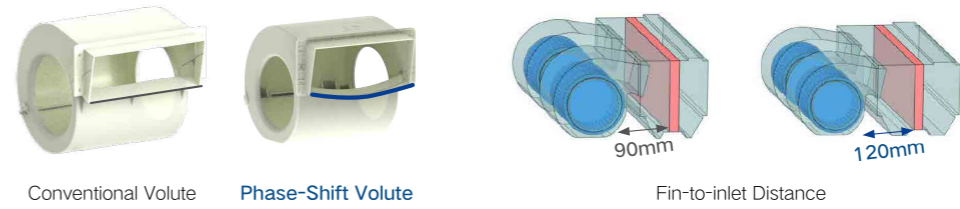
(a) Rated cooling conditions - dry / set bulb temperature: 27°C/ 19.5°C, entering/leaving water temperature: 7°C/ 12°C. (b) Rated heating conditions - dry bulb temperature: 21°C, entering water temperature: 60°C, the water flow is the same as that of the cooling condition.

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.

Quiet & Comfort Operation

Phase-shift volute design optimizes airflow, improves supply air uniformity, reduces fan noise by 2-3dB(A). Increased fin-to-inlet distance, optimized via CFD, improves airflow uniformity by 18% and reduces system noise by 1 - 2dB(A).



High-Efficiency BLDC Motor

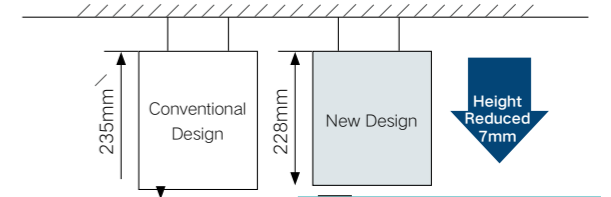


Stepless speed control with wide operating range
32% higher system efficiency than AC units
Compact, high-power density design
Low vibration and ultra-quiet operation

Enhanced reliability and extended service life

Adaptable & Flexible Installation

- Compact housing with integrated structure
- 228mm height (reduced from 235mm)
- Lower ceiling space requirement
- Compatible with M8/M10 hanging rods



220V Thermostat

Standard Type: WK-E01100A

- Touch-sensitive keys with high-transparency acrylic cover
- Slim, stylish design with high screen-to-body ratio
- Backlight, WiFi, BMS, and remote control functions
- Available in platinum, gray, and black colors

Ultra-Thin Type: WK-011PM/WK-010PM/WK-011PN/WK-010PN

- 10.5mm ultra-thin body with touch-sensitive keys
- Backlight and remote control functions
- White or black panel (remote control version only in black)



Standard Type



Ultra-Thin Type