

INVERBOOST®

Pale Clouds Light Breeze—Breathing Now



Wall-mounted Ultra-thin DC Fan Coil Units

2024-2025



Catalogue Content

About Us	3-4
What is a Fan Coil Unit?	5-6
Features	7
INVERBOOST® Green Technology	8
Energy Conservation	9
Smart Control	10
Modern Aesthetic	11
Compact Design	12
Whisper Quiet	13
Climate Comfort	14
Parameter	15-16

365 Days

Green Home



About Us

The ZEALUX® Group is one of the world's leading manufacturers of heating, cooling and heat pump systems.

For more than 20 years, the ZEALUX® Group has been committed to providing its customers with an outstanding quality of life. We endeavour to deliver the most energy-efficient, climate-compensated solution for any building or home.

We have adopted **"365 Days Green Home"** as a strategic goal, aiming to build a better, more sustainable, and more vibrant planet.



Saving each penny for the planet.



Customized for your garden, no more ugly rusting.



Winter for house, summer for Pool&SPA, hot water everyday.



What is a Fan Coil Unit?

Fan Coil Units are a highly efficient means of turning a water chiller, heat pump or hot water boiler into an efficient, quiet hot and cold switching system. These units are an effective solution to provide a comfortable environment for both commercial and residential application.

The INVERBOOST® fan coil range meets today's demanding requirements for performance, size, acoustics, low energy consumption, ease of installation and maintenance. The only moving part in these units is the fan, making them ideal for use in both residential and work environments (offices, shops, restaurants, hotel rooms, etc.).



Features



Green Technology



Energy
Conservation



Smart Control



Modern Aesthetic



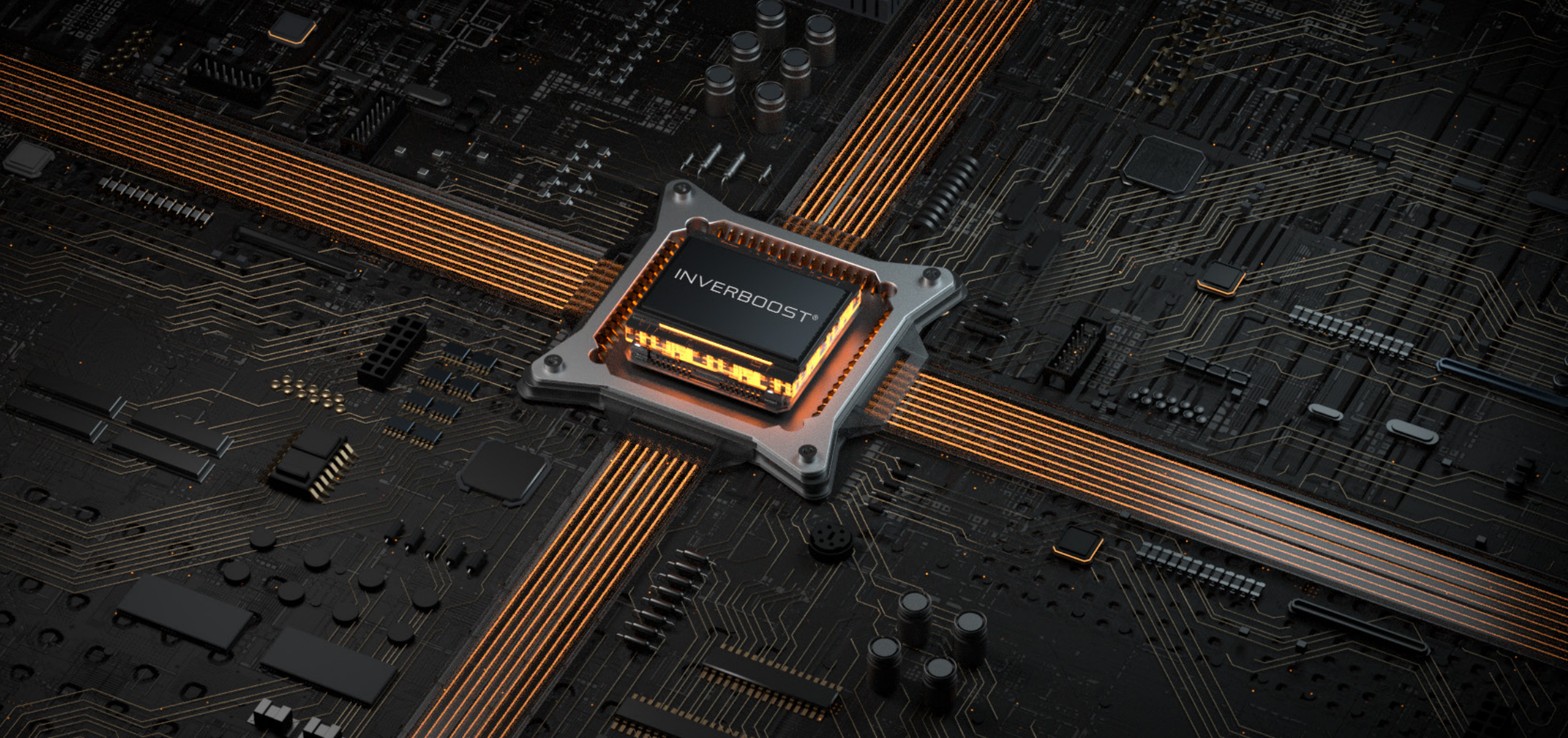
Compact Design



Whisper Quiet



Climate Comfort



Green Technology

INVERBOOST® is the technology brand of ZEALUX® Group, with a world-advanced laboratory and R&D team. For over a decade of innovative development and market validation, we have been highly recognized by our customers and partners.

Energy-saving technology, lower power consumption, variable air volume, flexible for your home's energy demand.

Energy Conservation

Compared to equipment with a three-speed motor, our fan coil units with brushless DC Motors deliver up to 70% savings in energy usage. In addition, with five speeds and an automatic mode, the INVERBOOST® fan coil could be intelligently adjusted according to its surrounding environments, and achieves quieter and more energy-efficient running.



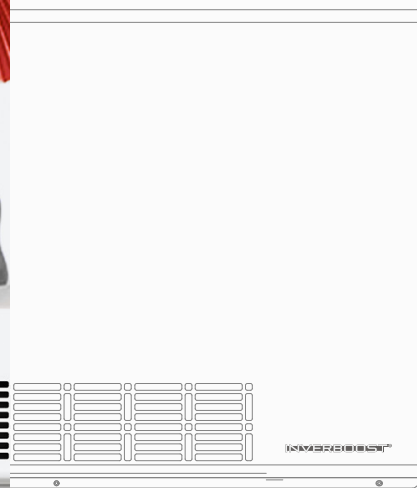


Smart Control

Two intelligent control modes, one is operated by the body's controller, the other is to connect the device through WIFI and Bluetooth, which is available for IOS and Android versions. Allowing you to check the equipment's status anytime and anywhere and set timers for automatic start and stop.

Modern Aesthetic

Minimal yet meticulous, the design of our fan coil stands out. The modern, elegant aluminum panels blend seamlessly into your home with outstanding rust-proofing.



Compact Design

INVERBOOST® fan coil units are available in various sizes, and are designed with an ultra-thin body with only 145mm thickness, saving your installation space.



30dB(A)



Whisper Quiet

Low at 30dB(A), INVERBOOST® fan coil units operate at low volume under no circumstances. There is no resonance at any frequencies.



Climate Comfort

Intelligent design works with your outdoor heat pump, automatic cool/heat changeover based on air temperature, providing a versatile solution for your home to maintain an optimal cooling in the summer and efficient heating in the winter.



SPECIFICATION

3 Colors



White



Cool Gray



Black

4 Sizes

980*145*573mm

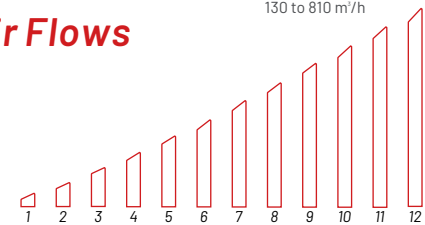
1130*178*588mm

1250*145*573mm

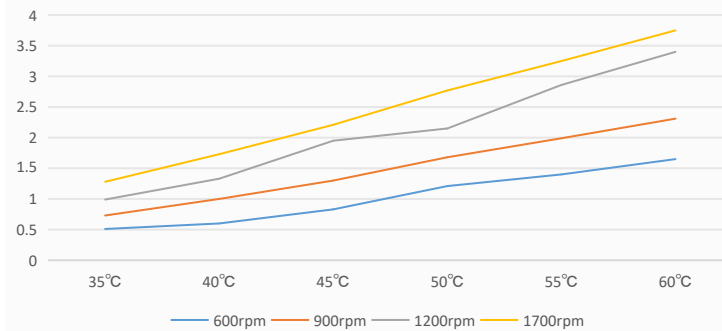
1385*178*588mm

12 Air Flows

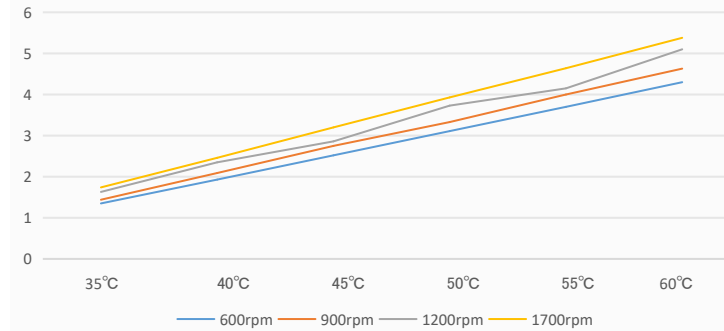
130 to 810 m³/h



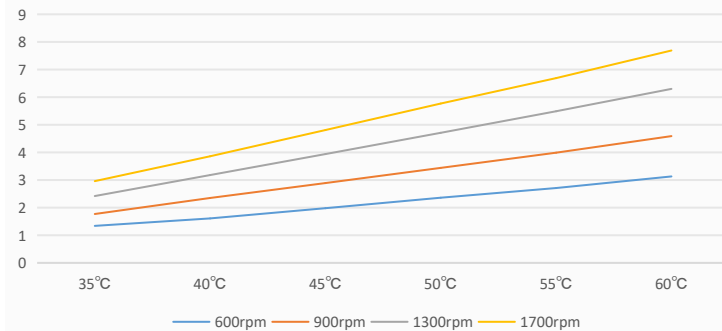
ZFC020 HEATING CAPACITY



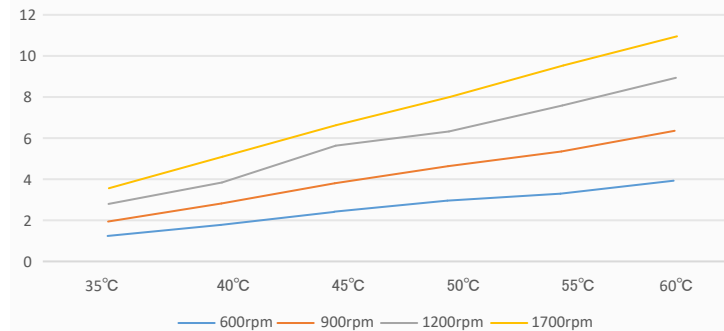
ZFC030 HEATING CAPACITY



ZFC045 HEATING CAPACITY



ZFC065 HEATING CAPACITY

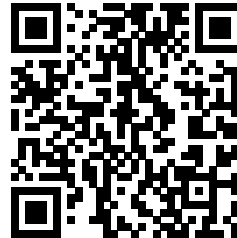


Wall mounted type Fan Coil Unit					
Model	COOL GRAY	ZFC020	ZFC030	ZFC045	ZFC065
	BLACK	AFC020	AFC030	AFC045	AFC065
	WHITE	WFC020	WFC030	WFC045	WFC065
Power supply	V/Ph/Hz	220-240/1/50	220-240/1/50	220-240/1/50	220-240/1/50
Air flow(H)	m³/h	330	500	580	810
Air flow(M)	m³/h	230	360	470	680
Air flow(L)	m³/h	130	210	340	510
Performance in heating: Ambient temp. (DB/WB): 20°C, Water temp. inlet/outlet: 45/40°C					
Heating capacity	kW	1.95	2.86	3.94	5.5
Performance in heating: Ambient temp. (DB/WB): 20°C, Water temp. inlet/outlet: 55/50°C					
Heating capacity	kW	2.86	4.15	5.49	7.24
Performance in heating: Ambient temp. (DB/WB): 20°C, Water temp. inlet/outlet: 60/55°C					
Heating capacity	kW	3.4	5.1	6.3	8.5
Performance in cooling: Ambient temp. (DB/WB):27°C/19°C, Water temp. inlet/outlet: 7°C/12°C					
Cooling capacity	kW	1.62	2.64	5.4	6
Power input(H)	W	36	56	80	100
Fan motor	Type	DC fan motor		Centrifugal fan motor	
Fan	Type	Cross-flow Fan		Centrifugal Fan	
Heat exchanger	Type	Copper tube aluminum fin			
Water flow rate	m³/h	1	1	1.14	1.14
Water pressure drop	Kpa	30	40	30	30
Noise level in 1m(L)	dB(A)	30	32	40	40
Water inlet/outlet pipe	inch	G3/4"	G3/4"	G3/4"	G3/4"
Drain pipe	inch	G1/2"	G1/2"	G1/2"	G1/2"
Net weight	kg	15.5	19.5	32	43
Gross weight	kg	18.5	23	36	48
Dimension	mm	980*145*573	1250*145*573	1130*178*588	1385*178*588
Package Dimension	mm	1075*195*615	1330*195*615	1210*228*628	1465*228*628

*The above data is only a reference. Please refer to the nameplate on the unit.

* H: High fan speed; M: Medium fan speed; L: Low fan speed.

Stay Tuned with Us



Headquarter

China

Zealux Electric Limited

No.2-8, No.9 Road, Science and
Technology zone, Xingtan Industrial Park,
Shunde , Foshan, Guangdong, China

+86-20-86000676
sales@zealux.com

Europe Service Center

France

Sarl Zealux France

8, Allée du Piot ZAC DU POLE
ACTIF 30660 GALLARGUES LE
MONTUEUX

+33 (0)6 56 69 58 47
sales@zealux.fr