High wall-mounted fan coil units

GHW 2 - 4 kW

NEW PRODUCT

AVAILABLE FROM Q2/25

Inverter Technology

EC Motor | 2 pipes systems | Tangential fan | High wall mounting | Infrared remote controller

Where space is precious, comfort comes from above.

In recent years, energy saving has become a top priority. GHW meets this need thanks to the EC motor with inverter technology, which ensures high efficiency, the hourly programming function, which allows operation to be adapted to actual needs, and the eco mode, designed to offer optimal comfort while minimizing consumption.
Installing a high-wall fan coil is an intelligent solution to optimize space in modern environments, where every square meter counts. This type of installation not only frees up floor space for furniture or other uses but also allows for more even air distribution, improving living comfort.
The infrared remote control makes comfort control extremely convenient, allowing you to adjust temperature, ventilation speed, and operating modes comfortably from the sofa.
GHW can be integrated into a supervision system via the Modbus communication protocol. Additionally, the presence of the pre-installed 3-way valve and flexible piping system simplifies and speeds up installation.

PLUS

- Electronically controlled EC motor
- Compact dimensions, identical for the whole range
- Incorporated 3- way ON OFF valves
- Self-diagnosis system with error code display on the screen.
- Construction of global addressable networks with an external supervisor

MAIN COMPONENTS

Cabinet
Characterized by an elegant and versatile design, designed to harmoniously fit into any environment, it is made of durable ABS. The air outlet is equipped with a motorized horizontal deflector, which can operate automatically or be manually adjusted by the user, along with a vertical deflector with adjustable fins to ensure uniform air distribution in the environment. The front panel includes an integrated display, showing the operating status and the temperature detected in the environment.

Heat exchanger
The finned block heat exchangers consist of copper tubing and aluminium fins. Thanks to the hydrophilic treatment, the wettability of the aluminum fins is improved, ensuring rapid removal of condensation from the fan coil and preventing the formation of mold and bacteria.

Valve assembly
3-way ON/OFF valves already wired and installed inside the indoor unit. The connection to the system is made with hoses located on the rear of the unit.
The valve diverts part of the unused water flow from the fan coil to a bypass circuit, ensuring the stability of the flow in the main system.

EC motor and fun
The electronic motor with permanent magnets is designed to modulate the ventilation speed, reducing electricity consumption to less than half compared to asynchronous motors. The motor acts on the rotation of a low-noise tangential fan.

Remote control
Included by default, the infrared remote control allows you to control all the fan coil functions, including setting the on/off timer.

WALLPAD
The GHWWP wallpad manages all the functions of the infrared remote control but is also equipped with a large LCD display that makes the user experience more intuitive.

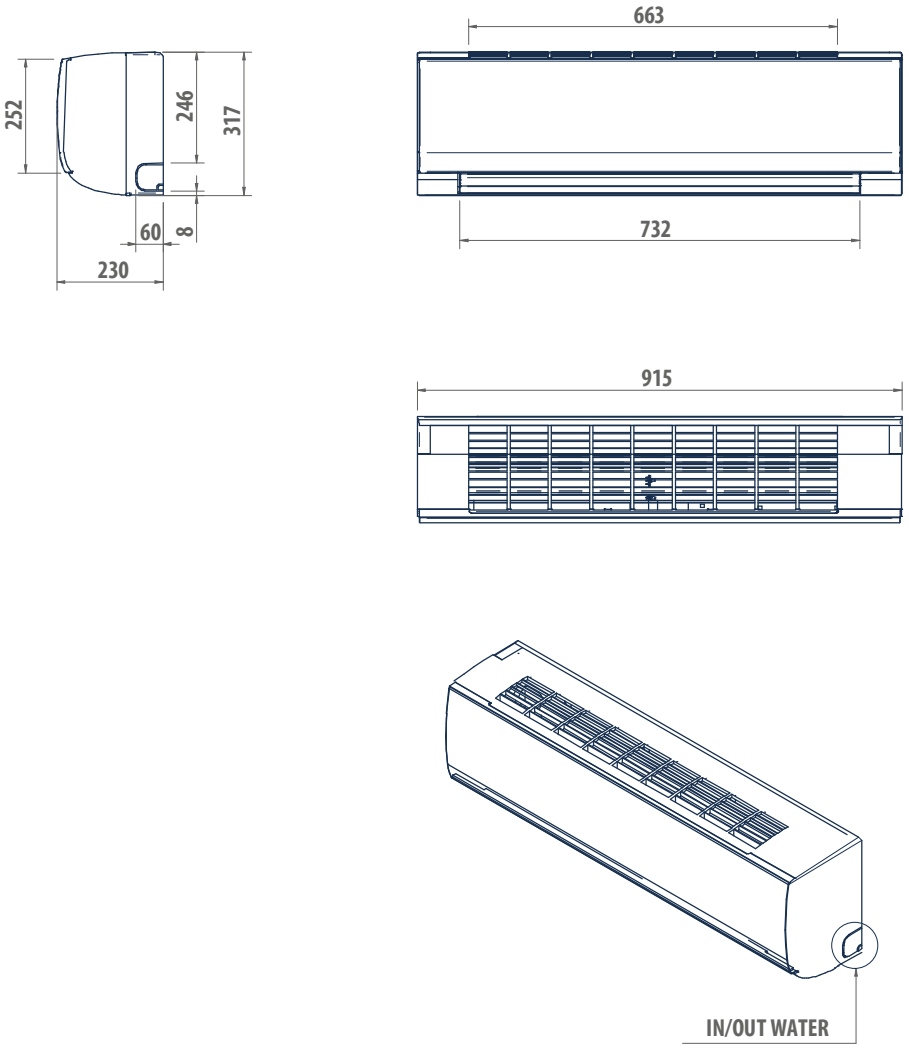
RATED TECHNICAL DATA

GHW			13			23			33		
Speed			min	med	max	min	med	max	min	med	max
Total cooling capacity	(1)(E)	kW	1,80	2,04	2,30	2,19	2,54	2,91	2,88	3,30	3,81
Sensible cooling capacity	(1)(E)	kW	1,38	1,55	1,74	1,71	2,00	2,33	2,31	2,71	3,18
FCEER class				A			D			B	
Water flow	(1)	l/h	360	400	460	380	450	510	510	570	670
Water pressure drop	(1)(E)	kPa	18	22	29	23	30	37	33	41	57
Heating capacity	(2)(E)	kW	1,70	2,00	2,73	2,42	2,77	3,23	3,09	3,65	4,30
FCCOP class				B			D			B	
Water flow	(2)	l/h	380	450	490	420	490	560	560	640	730
Water pressure drop	(2)(E)	kPa	18	22	29	23	30	37	33	41	57
Rated air flow		m^3/h	356	412	462	331	339	484	590	698	825
Power input	(E)	W	9	10	11	29	32	35	15	20	34
Total sound power level	(3)(E)	dB(A)	39	40	42	35	42	48	47	51	57

(1) Water temperature 7°C/12°C, air temperature dry bulb 27°C, wet bulb 19°C (47% relative humidity) according to EN1397:2021
(2) Water temperature 45°C / 40°C, air temperature 20°C
(3) Sound power measured according to standards ISO 3741 and ISO 3742
(E) EUROVENT certified data
Power supply 230-1-50 (V-ph-Hz)

DIMENSIONAL DRAWINGS

GHW



GHW		13	23	33
Water connections	"		1/2	
Condensate discharge	mm		20	
Weight	kg	13	13	13