

# GHIBLI H2O

Heat only wall mounted fan coil



## Technical and construction characteristics

The Ghibli H2O as a system terminal was produced to replace or integrate traditional radiators without intervening with expensive masonry works linked to the replacement of internal concealed pipes.

It works with 2 rotation speeds of the fan on board the machine which allows you to quickly reach the maximum desired temperature in rooms used for residential, commercial and tertiary use.

It can deliver power up to 3,190 W depending on the operating temperature of the inlet water (see technical data table) and has been designed for wall installation, combining comfort, practicality, aesthetics and low noise.

The covering mantle is made of steel sheet painted with ivory epoxy powders, with lateral sides in heat-resistant nylon.

The two grills for the intake and delivery of the air are located respectively in the lower area and in the upper area of the casing. The Ghibli H2O can be combined with winter air conditioning systems powered by hydronic heat pumps or condensing boilers.

On the front of the appliance is the control panel, which includes:

- On/off switch;
- Fan speed switch;
- Green heat request signaling LED;
- Room thermostat adjustment knob;
- Plastic plate to be removed in case of installation

of the programmer clock kit.

On the back you will find:

- Opening of the passage of the connection pipes to the plant;
- Holes for fixing the appliance to the wall;
- Passage with relative cable clamp for the electrical supply of the fan coil.

Inside the appliance you will find:

- Finned pack type heat exchanger with stainless steel tubes copper and two-row aluminum fins;
- Manifolds with 3/8" female connections made of brass; - Exchanger equipped with air vent valves in the part superior;
- Centrifugal type convection fan with double impeller and central engine;
- Electrical panel with electronic circuitry and related wiring.



MADE  
IN ITALY



SILENT  
VENTILATION



ALSO INSTALLABLE  
WITH Ø 12 PIPE



HEAT ONLY  
FAN COIL



COMPACT  
DIMENSIONS

Model	Thermal power W	Code	€
Wall-mounted heat-only fan coil GIBLI H2O	2580	35370001	690,00

## Accessories GIBLI H2O



Digital weekly programmer clock complete with installation kit complete with all instructions necessary for assembly

**35639900**

**110,00**



Mechanical consensus thermostat

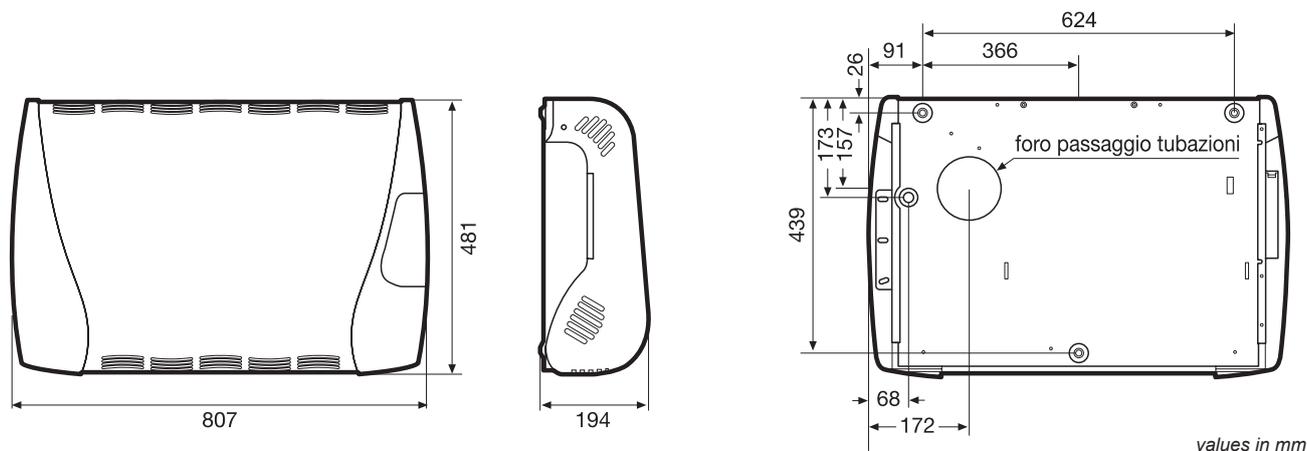
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**36,00**

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## Fan coil dimensions GIBLI H2O



## Fan coil technical data table GIBLI H2O

Description			U.M.	Air flow m <sup>3</sup> /h	
				210 max	170 min
Thermal power $\Delta T$ 10 °C	Water inlet	80 °C	W	3190	2660
		70 °C	W	2580	2150
		60 °C	W	1970	1640
Thermal power $\Delta T$ 20 °C	Water inlet	80 °C	W	2770	2320
		70 °C	W	2150	1800
		60 °C	W	1530	1280
Thermal power $\Delta T$ 5 °C	Water inlet	50 °C	W	1570	1310
		45 °C	W	1270	1060
Power supply				230V/1/50Hz	
Electrical protection class				I	
Protection fuse			A	2	
Electrical power absorbed			W	40	
Degree of protection				IP20	
Net weight			Kg	18	
Hydraulic circuit water content			l	0,8	
Maximum operating pressure			kPa	60	
Sound pressure*			dB(A)	29,0	31,0

\*Sound pressure level referred to 3 meters free field with directionality factor 2

## Table $\Delta T$ air side

Description	Water inlet	$\Delta T$ °C	
		Speed max	Speed min
Thermal power** $\Delta T$ 10 °C	80 °C	45	46
	70 °C	36	38
	60 °C	28	29
Thermal power** $\Delta T$ 20 °C	80 °C	39	40
	70 °C	30	31
	60 °C	22	22
thermal power** $\Delta T$ 5 °C	50 °C	22	23
	45 °C	18	18

\*\* Air inlet 20 °C

## Fan coil pressure drop and water flow table GIBLI H2O

Description		U.M.	Air flow m <sup>3</sup> /h		Water flow l/h Speed max	Water flow l/h Speed min
			Speed max	Speed min		
Pressure drop	$\Delta T$ 10 (80 °C÷70 °C)	kPa	5,24	3,81	274	229
Pressure drop	$\Delta T$ 10 (70 °C÷60 °C)	kPa	3,72	2,71	222	185
Pressure drop	$\Delta T$ 10 (60 °C÷50 °C)	kPa	2,39	1,74	169	141
Pressure drop	$\Delta T$ 20 (80 °C÷60 °C)	kPa	1,23	0,89	119	100
Pressure drop	$\Delta T$ 20 (70 °C÷50 °C)	kPa	0,81	0,59	92	77
Pressure drop	$\Delta T$ 20 (60 °C÷40 °C)	kPa	0,46	0,34	66	55
Pressure drop	$\Delta T$ 5 (50 °C÷45 °C)	kPa	5,59	4,07	270	225
Pressure drop	$\Delta T$ 5 (45 °C÷40 °C)	kPa	3,92	2,85	218	182