Mareli Systems

STEP FORWARD

MADE IN BULGARIA PREMIUM QUALITY



FAN-COILS

The fan-coil units of **Mareli Systems** combine modern design, high energy efficiency, and silent operation. They are the perfect solution for heating and cooling residential, commercial, and office spaces.

Made in Bulgaria from high-quality materials and equipped with cutting-edge technology, the fan-coils guarantee low energy consumption and a long service life.

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High Efficiency

The heating capacity of fan-coil units is twice that of conventional radiators. In addition, to give off the same amount of heat, the fan-coils need a lower temperature of the water circulating in the system. The heat is distributed regularly throughout the room, so the units can save about 30% on energy consumption compared to conventional heating radiators.

Slim and Stylish

Mareli Systems fan-coil units are made entirely of powder-coated metal, ensuring long service life and a modern appearance.

They feature a slim design with a depth of only 135 mm, making them highly suitable for various installations. The fan-coil units save space, are easy to install, and remain completely unobtrusive when needed.





Smart control and Wi-Fi connection

Mareli Systems fan-coil units are equipped with touch screen control and a Wi-Fi-enabled weekly programmable thermostat. The variety of features allows users to adjust the unit for maximum comfort.

The individual control of each fan-coil unit in the system enables temperature regulation in every room without the need for additional investments or equipment.

ACCESSORIES

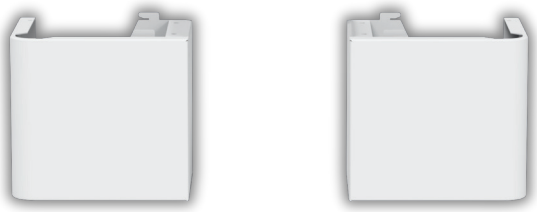


3-way / 2-way valve with electric adjustment

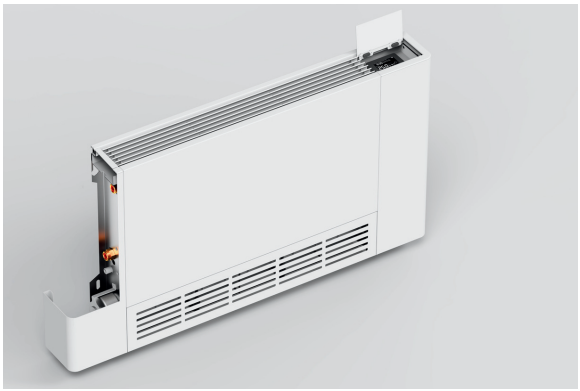
The valve optimizes the operation of the hydraulic system by directing heating or cooling energy where it is needed. This allows the user to adjust the temperature in each individual room without the need for a distribution box.

Decorative legs

Depending on the installation requirements, additional decorative legs with brackets can be mounted to the fan-coil, allowing for floor installation of the unit.



OPTIONS



Left or right water connection outlets

The units are designed to allow for either left or right installation. This provides flexibility in choosing the location where they can be placed, ensuring they blend harmoniously with the interior.

Color options

The fan-coil units are available in several standard colors, ready to meet the requirements of any design solution. Custom color manufacturing is also possible based on the RAL color palette.





TECHNICAL SPECIFICATIONS

		AMG 890	AMG 1090	AMG 1290
Heating capacity *	Level 3 (W)	3800	6000	7900
	Level 2 (W)	3300	5200	6900
	Level 1 (W)	1000	1540	2040
Heating capacity **	Level 3(W)	2340	3700	4900
	Level 2 (W)	1990	3150	4170
	Level 1 (W)	550	870	1150
Cooling capacity ***	Level 3 (W)	1710	2410	3440
	Level 2 (W)	1250	1980	2620
	Level 1 (W)	870	1450	1710
Noise level	Level 1 dB(A)	27	30	33
	Level 2 dB(A)	31	34	37
	Level 3 dB(A)	37	38	40
Water pressure drop	Level 3 (kPa)	7	15	33
	Level 2 (kPa)	5	11	25
	Level 1 (kPa)	1	1.5	4
Fan flow - max	m3/h	230	370	420
Fan flow - min	m3/h	110	180	360
Water flow	m3/h	0.34	0.44	0.61
Input / Output heat exchanger	Ø	3/4"		
Heat exchanger type	Highly efficient heat exchanger with copper tubes and aluminium fins			
Maximum operating pressure	bar	16		
Condensation pipe connection	mm	Ø 16		
Power Supply	V/Hz	230V / 50Hz		
Energy consumption	W	12	18	23
Dimensions (L/W/H****)	mm	890/135/594	1090/135/594	1290/135/594
Weight	kg	22	25	29

* Heating capacity at water 70 ° C and room temperature 20 ° C (according to EN 16430-2)

** Heating capacity at water 50 ° C and room temperature 20 ° C (according to EN 16430-2)

*** Cooling capacity at water 7 ° C / 12 ° C and room temperature DB 27 °C and 19 °C WB (according to EN 1397)

**** Height without decorative legs