

FIJI

Wall mounted fan-coils



- Multifunction remote control IR
- Filter inspection



MADE
IN ITALY



VENTILATION
SILENT



DIMENSIONS
COMPACT



MAXIMUM
COMFORT



FILTRATION
OF AIR

Technical and construction features

The fan coils are available in 3 different sizes with three different thermal and cooling powers.

The supporting structure is made of galvanized sheet of adequate thickness and is designed for fixing the unit to the wall as well as for mounting the various components and accessories. The internal walls are suitably insulated with self-extinguishing material. The heat exchange coil is of the type for 2-pipe systems, consisting of rows of copper pipes and continuous aluminum finning. The aluminum finned pack is integral with the tube bundle by mechanical expansion of the tubes themselves. The frame is in galvanized steel and the manifolds are in cast brass, equipped with female threaded connections G 1/2 "and manual air vent valves G 1/8".

The fan coils are supplied as standard with hydraulic connections on the left side.

The fan unit consists of a tangential fan for the FIJI 100 model and a double centrifugal double suction fan for the FIJI 200 and 300 models with high air flow and low noise level, with impellers and screws made of galvanized sheet metal. The groups are electronically balanced even after mounting on the units.

The 230 V single-phase electric motors, with permanently inserted capacitor and with built-in thermal protection, have 2 or 3 speeds that can be selected from the control panel.

The motor, directly coupled to the fans, is mounted on elastic supports and the unit is assembled with the suitably insulated condensate collection tray.

The electrical connection with the control panel is ensured by a quick-fit connector. The two lower air filters are made of synthetic mesh, mounted on the technopolymer frame. Special screws with knurled locking knob allow easy fixing to the metal frame without the need for details tools.

The cover cabinet is made of galvanized sheet metal and epoxy powder painted in RAL 9010 color, with side panels in heat-resistant nylon.

In the upper front part of the mantle are the controls for the operation of the FIJI and include:

- the on / off switch
- the speed switch
- the room thermostat adjustment knob

In the back there are:

- the passage opening of the system connection pipes - the holes for fixing the appliance to the wall
- the passage with the relative cable clamp for the power supply of the fan coil unit.

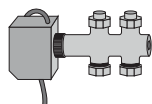
Model	Heating Output kW	Cooling Output kW	Code	€
Fan-coil FIJI FIJI 100 with remote infrared control	1,64	0,89	35390000	730,00
Fan-coil FIJI 200 with remote infrared control	3,24	1,58	35400000	810,00
Fan-coil FIJI 300 with remote infrared control	4,95	2,39	35410000	840,00

Accessories FIJI



kit digital weekly programmer clock,
mounting instruction included

35639900 110,00



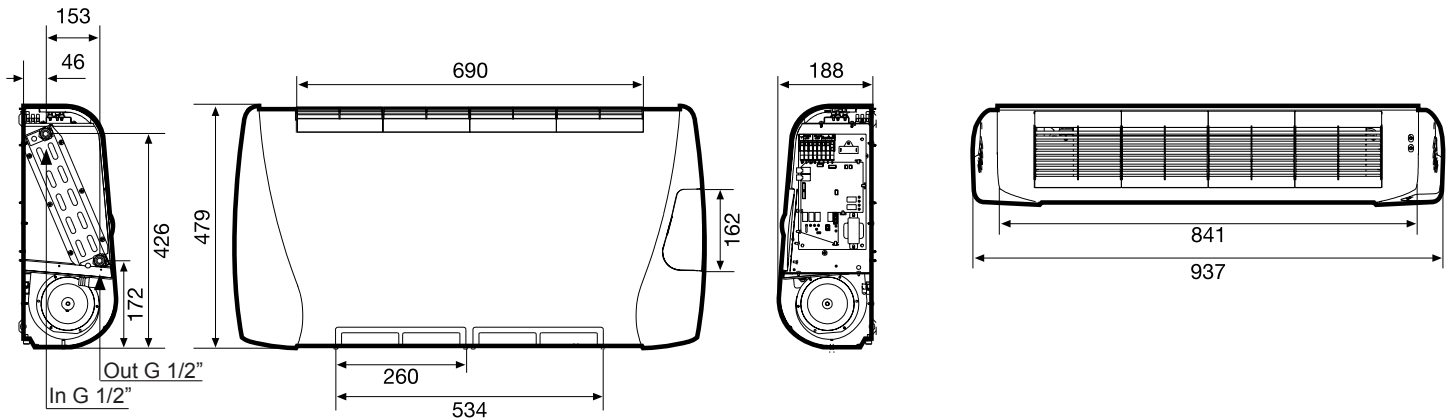
kit valve for standard exchanger
including couplings

36205303 180,00

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Dimensions FIJI



Technical datasheet FIJI 100 - 200 - 300

DESCRIPTION	U.M.	FIJI 100	FIJI 200	FIJI 300	
Heating output (intake water T=70 °C)	W	max	1640	3240	4950
		med	-	-	-
		min	1250	2560	3930
Max water flow rate	l/h	143	281	430	
Water pressure drop (T=70 °C)	kPa	1,8	5,9	12,4	
Heating output (intake water T=50 °C)	W	max	950	1820	2750
		med	-	-	-
		min	720	1440	2180
Water pressure drop (T=50 °C)	kPa	2,1	7,9	16,3	
Auxiliary exchanger	l/h	-	-	-	
row heating output	kPa	-	-	-	
Total cooling output	W	max	890	1580	2390
		med	-	-	-
		min	680	1280	1960
Sensible cooling output	W	max	600	1150	1730
		med	-	-	-
		min	445	846	1264
Max water flow rate in cooling	l/h	154	270	411	
Water pressure drop in cooling	kPa	2,9	8,3	15,4	
Air flow rate	m ³ /h	max	110	240	405
		med	-	-	-
		min	80	180	300
Number of fans	n.	1	2		
Noise pressure	dB(A)	max	39,1	40,0	41,8
		med	-	-	-
		min	37,0	36,4	38,0
Noise level	dB(A)	max	47,1	48,3	50,2
		med	-	-	-
		min	45,2	45,2	46,4
Power supply	230V/1/50Hz				
Max motor's input power	W	32	40	58	
Max absorbed current	A	0,16	0,20	0,25	
Weight	kg	19,0	20,5	21,0	

Winter heating: room air temperature: 20 °C water temperature: entry 70 °C, ΔT 10 °C max speed (entry water temperature 50 °C same water flow like in cooling max speed)
 Summer cooling: room air temperature: 27 °C dry bulb, 19 °C wet bulb water temperature: entry 7 °C, outgoing 12 °C max speed