







EOLO SLIM

High efficiency hydronic fan coils



Model	Thermal Power W	Cooling Capacity W	Code	€
Fan coil EOLO SLIM 250	1250	800	52200010	540,00
Fan coil EOLO SLIM 400	2400	1650	52220010	660,00
Fan coil EOLO SLIM 600	3250	2500	52240010	760,00
Fan coil EOLO SLIM 800	4000	3250	52260010	950,00
Fan coil EOLO SLIM 1000	4750	4050	52280010	1.110,00




Accessories EOLO SLIM

	Electronic LCD control on board with temperature probe	52200101	147,00
	Electronic LCD + Modbus control on board machine with edge temperature probe	52200102	157,00
	Design feet kit for anchoring to the floor	52200103	58,00
	Hydraulic connection kit and motorized 2-way valve	52200104	118,00
	Hydraulic connection kit and motorized 3-way valve	52200105	150,00
	Remote controller Infrared	52200106	42,00

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Accessories EOLO SLIM

	Code	€
 <p>Chrono On / Off programmer daily / weekly collection</p>	52200107	218,00
 <p>Chrono On / Off programmer daily / weekly electrical panel</p>	52200108	163,00
 <p>HD electrothermal head 230V per kit motorized hydraulic connection</p>	52200109	32,00

EOLO SLIM complete climate control



Every single EOLO SLIM allows to set the temperature value desired on the appropriate panel, like this that is the electronic control to regulate the operation of the thermal device according to a logic that optimizes. The balance between energy efficiency and climate comfort.

Advanced electronic systems, and in particular the most modern systems of building-automation and home automation, they can count on EOLO SLIM as the optimal implant terminal to fulfill the widest functions climatic, leaving the designer total freedom of realization.

The reliability and flexibility of the Modbus technology allows a complete control of the device e of climatic zones.

Communication protocols can therefore also lead to the control of the remote home environments with web based cloud solutions.

You can set it on each one EOLO SLIM the desired temperature in the specific environment, so that, ad example, it is possible to have in winter more or less hot in the rooms from read, and maybe a few degrees less in the living room. Or, equally comfortably, it will be possible to set up manually the desired power, maybe to get in a certain room the maximum dehumidifying power in summer operation.

EOLO SLIM is available with on board the electronic PCB module with Modbus technology, which allows the integration of EOLO SLIM inside of the most advanced air conditioning systems and BMS.

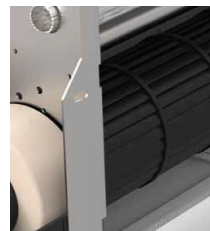
Climate control of the environments can thus take place by exploiting fully the multiple solutions arising from these technologies.

EOLO SLIM technology DC INVERTER

EOLO SLIM is equipped as standard with the new DC Inverter technology with high permanent magnet motors efficiency.

The DC Inverter motor is adjusted in speed (number of revolutions) and in power via electronic control in PWM pulse modulation (Pulse Width Modulation): transmit in one pulse direction in high frequency, and at the same time detect the state and the

DC Inverter



period of the same impulse. This technology drastically reduces the power absorbed, and at the same time get effective control of the permanent magnet motor.

The maximum electrical consumption is similar to that of an LED light bulb: the maximum power absorbed by EOLO SLIM 1000 is, at maximum speed, of only 32 W (15 W for EOLO SLIM 250), and with the 10: 1 Inverter modulation, seasonal electric absorption it will really be beneficial.

EOLO SLIM flexible installation

Each EOLO SLIM is supplied as standard with passive steel plate.

The form is designed to collect the eventual condense in order to make installable both vertically and horizontally without any further accessory or change.

EOLO SLIM maximum silence

EOLO SLIM comes standard with a fan coil type asymmetrical driven by a motor DC Inverter.

In addition to the compactness of the fan, which allowed to reduce it just 13 cm thick, this technology allows you to move high flow rates of air with low linear velocity, to which they correspond negligible levels of turbulence, rustling and noises, which make the silence silent device.

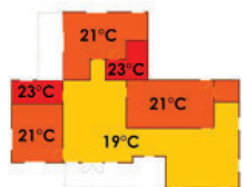
ACOUSTIC COMPARISON with traditional solutions

EOLO SLIM 250 arrives at one reference silence of 21 dB (A) in super silence mode and 24 dB (A) in ordinary mode and no later than 30 dB (A) even at maximum power.

The average reference data of the most widespread fan coils instead of 33 dB (A) running at minimum power, and 50 dB (A) at maximum.

It is good to remember that the Decibels they represent a quantification logarithmic: means that noise perceived in the presence of a traditional fan coil at minimum, or 33 dB (A), it is exponentially stronger than an EOLO SLIM in a way Super-silence with 21 dB (A).

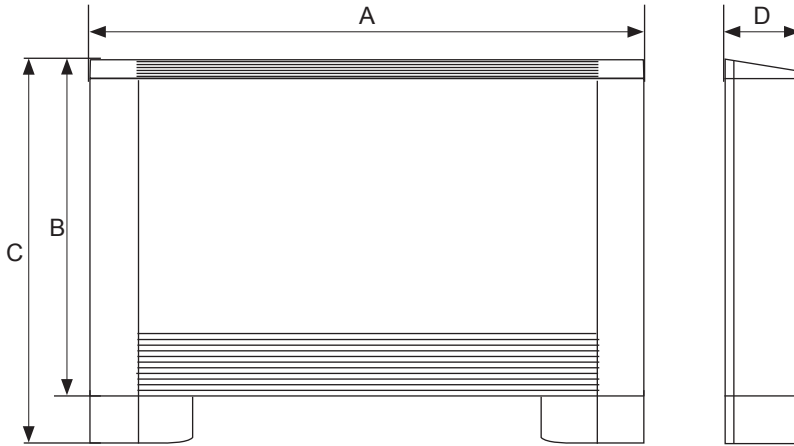
Always by way of example, remember that human breath has a level of average noise level of 20 dB (A).



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EOLO SLIM dimensions



Model	A mm	B mm	C mm	D mm
EOLO SLIM 250	700	670	745	130
EOLO SLIM 400	900	670	745	130
EOLO SLIM 600	1100	670	745	130
EOLO SLIM 800	1300	670	745	130
EOLO SLIM 1000	1500	670	745	130

Technical data table EOLO SLIM

Description	U.M.	250	400	600	800	1000
Thermal power 70 °C (1)	kW	2,00	3,80	5,45	6,95	8,60
Water flow (1)	l/min	2,80	5,50	7,92	10,10	12,45
Pressure drops (1)	kPa	6,5	13,0	29,0	23,5	26,2
Thermal power 50 °C (2)	kW	1,25	2,40	3,25	4,00	4,75
Water flow (2)	l/min	2,80	5,50	7,92	10,10	12,45
Pressure drops (2)	kPa	6,5	13,0	29,0	23,5	26,2
Thermal power with stationary ventilation (1)	W	340	390	460	570	700
Cooling capacity 7 °C (3)	kW	0,80	1,65	2,50	3,25	4,05
Water flow (3)	l/min	2,35	4,70	7,00	9,15	11,40
Pressure drops (3)	kPa	6,50	12,50	30,25	24,20	28,20
Air flow	m ³ /h	160	320	460	580	650
Sound pressure mode SUPER SILENCE (4)	dB(A)	16,5	14,2	15,4	16,10	16,60
Sound pressure mode max speed (4)	dB(A)	37,7	38,0	39,6	39,9	42,9
Sound pressure mode min. Speed	dB(A)	24,3	22,7	23,9	24,3	27,2
Power supply		230V/1/50Hz				
Degree of protection		IP23				
Max absorbed current	W	11,70	15,10	16,60	23,10	30,28
Hydraulic connections		3/4" M				
Inner tube drainage diameter (5)	mm	12	14	16	18	20
Weight	Kg	16	20	24	28	33

(1) Winter heating: Temp.water.in = 70 °C, Temp. Diff = 10 °C; Temp.air. in = 20 °C - Bd (UNI EN 1397)

(2) Winter heating: Water temp.in = 50 °C, Flow rate = cool; Temp.air.in = 20 °C - Bd (UNI EN 1397)

(3) Summer cooling: Temp.water.in = 7 °C, Temp.diff = 5 °C; Temp. Air.in = 27 °C - Bd / 19 °C - Bh (UNI EN 1397)

(4) Noise level: r = 2 meters, Q = 2, reverberation = 0.5s, v = 45 m³