Aertesi airpower

AER SLIM EVO

FAN COIL
HYDRONIC
SLIM

SOMETHING DIFFERENT

GB

NEAR-RADIANT

IN HEATING MODE OUR SIGNATURE REGULATION SYSTEM ALLOWS THE SET POINT TEMPERATURE TO BE KEPT CONSTANT, WITH EXTREMELY LOW ELECTRICAL CONSUMPTION AND NOISE EMISSION VALUES, AND WITH A PERCEIVED LEVEL OF COMFORT SIMILAR TO THAT OF A STATIC RADIANT PLATE.

CONCEALEAD DESIGN, LOW-NOISE

IN THE VERSION WITH CABINET, AERSLIM EVO IS THE MOST COMPACT SUCH PRODUCT ON THE MARKET.
ITS DESIGN INTEGRATES SMOOTHLY WITH THE HOME DECORATION - WHICH ADDS VALUE TO ITS EXTREMELY LOW NOISE OPERATION. A FAN COIL THAT'S THERE FOR YOU - WITHOUT BEING SEEN NOR HEARD!

HIGH COMFORT

AERSLIM EVO IS THE BEST SOLUTION FOR YEAR-ROUND CYCLE COMFORT.
EACH UNIT IS ABLE TO HEAT, COOL AND DEHUMIDIFY.

STURDY DESIGN

THE AERSLIM EVO SERIES HAS BEEN DESIGNED AND BUILT TO LAST OVER TIME.
THERE ARE NO PLASTIC PARTS THAT MAY DEGRADE OVER TIME AND THE WHOLE ASSEMBLY IS EXTREMELY STURDY. IT IS IDEAL FOR RESIDENTIAL APPLICATIONS BUT ALSO CONVENIENT FOR HOLIDAY FACILITIES OR STUDENT RESIDENCES.

ENERGY SAVING UP TO 72%

ALL UNITS ARE EQUIPPED WITH TANGENTIAL FANS WITH DIRECT CURRENT BLDC MOTOR WITH INVERTER.
COMPARED TO AC MOTORS, THE ELECTRICITY ABSORBED IS PROPORTIONAL TO THE ACTUAL THERMAL LOAD, AVOIDING UNNECESSARY ENERGY WASTE.

AER SLIM EVO

FAN COIL HYDRONIC SLIM

Its stylishly clean design and low thickness make it easy to seamlessly integrate in both new buildings and renovations.
Thanks to its BLDC motor technology, AerSlim Evo works with low temperature generators (condensing boilers or heat pumps).

The new AerSlim Evo is extremely low-noise and designed to ensure the well-being resulting from a healthy night's sleep.
With its exclusive *near-radiant* function, thanks to the combined management of the BLDC fan and valve, AerSlim Evo is able to maintain the set temperature, with consumption values and noise emissions close to zero.

COOLING

0.4/3.3kw

HEATING

0.4/3.5kw

AIR FLOW

60-600m³/h

CONSUMPTION REDUCED UP TO

72%

STYLISH & COMPACT

THE NEW AERSLIM EVO IS EXTREMELY LOW-NOISE AND DESIGNED TO ENSURE THE WELL-BEING RESULTING FROM A HEALTHY NIGHT'S SLEEP. WITH ITS NEAR-RADIANT FUNCTION, THANKS TO THE PATENTED MANAGEMENT OF THE EC BRUSHLESS MOTOR AND VALVE, AERSLIM EVO IS ABLE TO MAINTAIN THE WINTER SET POINT TEMPERATURE, WITH CONSUMPTION VALUES AND NOISE EMISSIONS CLOSE TO ZERO.

VERSIONS BOTH VERTICAL HORIZONTAL WITH CABINET

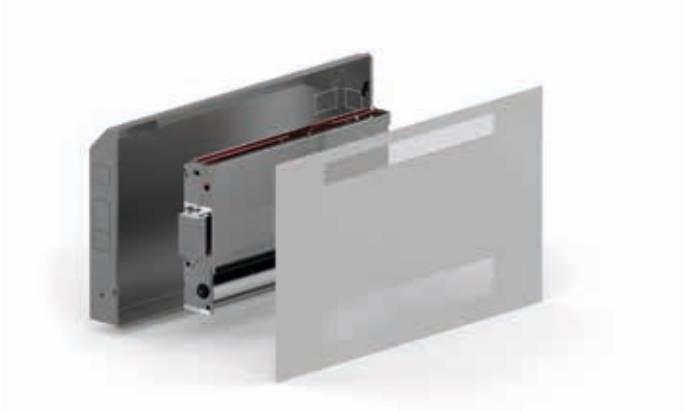
AerSlim Evo is a new concept hydronic terminal in terms of:
- energy efficiency
- style and design
- compact size
- applied technologies
- sturdiness and reliability
- user friendliness
- comfort and low-noise operation

In a nutshell: AerSlim Evo is the answer to every market need.

VB Vertical with cabinet

HB Horizontal with cabinet

VERSION: VERTICAL WITH RECESSED MOUNTING WITH CCM + MPK

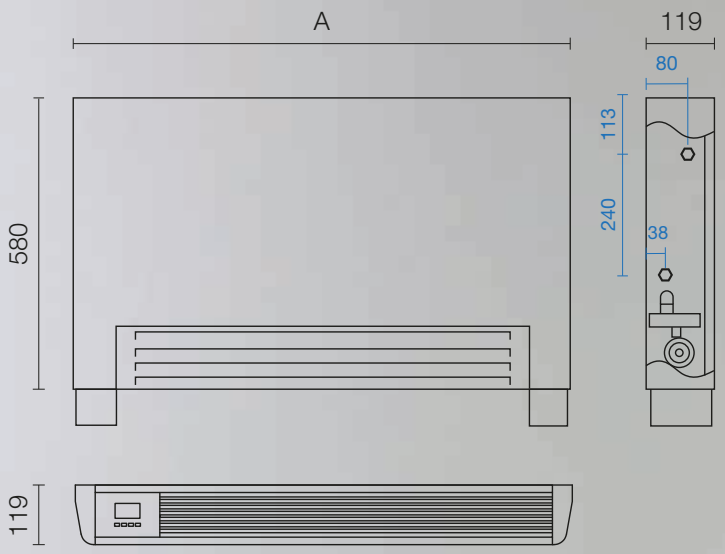


VD Vertical with CCM outer casing and MPK panel

DIMENSIONAL DWGS

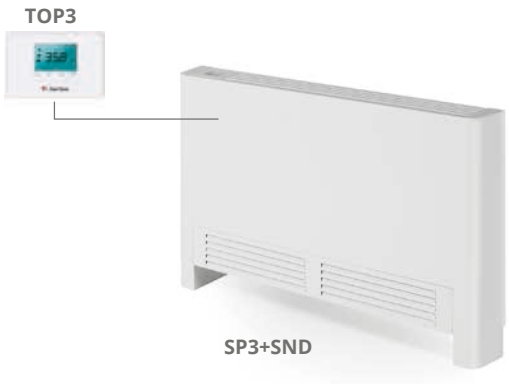
	VERTICAL *with cabinet*			VERTICAL *recessed***			HORIZONTAL *with cabinet*			HORIZONTAL *recessed*			**WEIGHT** *of cabinet*	**WEIGHT** *of recessed version*
	VB			**VD**			**HB**			**HD**			Kg	Kg
SIZE	A	B*	C	A	B	C	A	B	C*	A	B	C		
15	600	580	119	513	555	120	600	119	580	465	126	555	17	9
35	800	580	119	713	555	120	800	119	580	665	126	555	20	12
45	1000	580	119	913	555	120	1000	119	580	865	126	555	23	15
55	1200	580	119	1118	555	120	1200	119	580	1065	126	555	26	18

*VB/HB: add 80 mm for plinths
** Only available with MPK + CCM accessories
A = length mm
B = height mm
C = depth mm

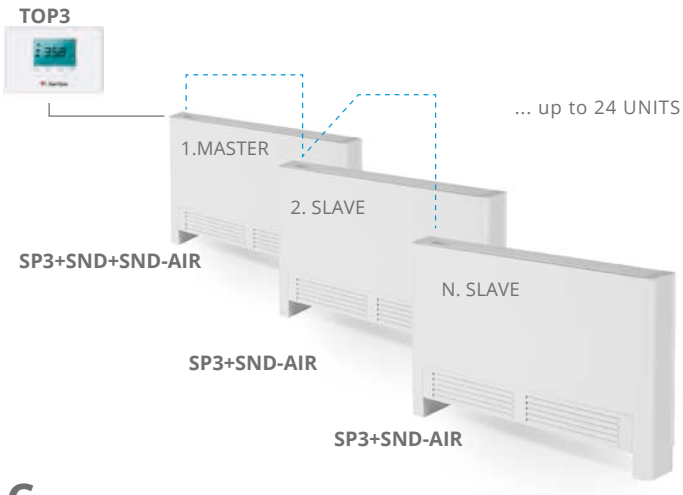


Standard LEFT-HAND (SX) connections
RIGHT-HAND (RX) connections on request
CONNECTIONS NOT REVERSIBLE ON SITE

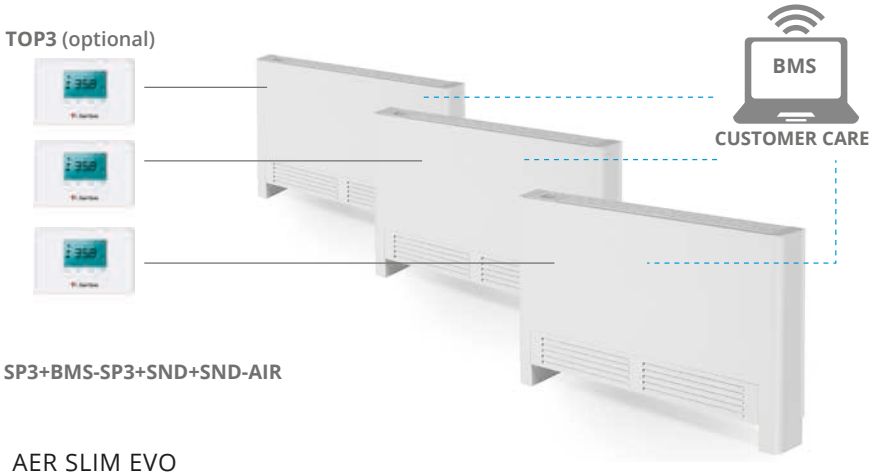
A



B



C



ELECTRONIC CONTROL

Digital user interface suitable for wall or machine on-board installation with the following functions:

- MANUAL OR AUTOMATIC SEASON SELECTION
- MANUAL OR AUTOMATIC SPEED SELECTION
- WATER TEMPERATURE PROBE
- SILENT MODE (NIGHT-TIME USE)
- POSSIBILITY OF INTEGRATION INTO HOME AUTOMATION SYSTEMS (EXTRA MODULE FOR MODBUS)
- MASTER/SLAVE FUNCTION
- NEAR-RADIANT MODE

POSSIBLE CONFIGURATIONS

A

Electronic control suitable for wall mounting or machine on-board installation.
AUTOMATIC management.

B

Management of several MASTER/ SLAVE units with a single electronic wall control.

C

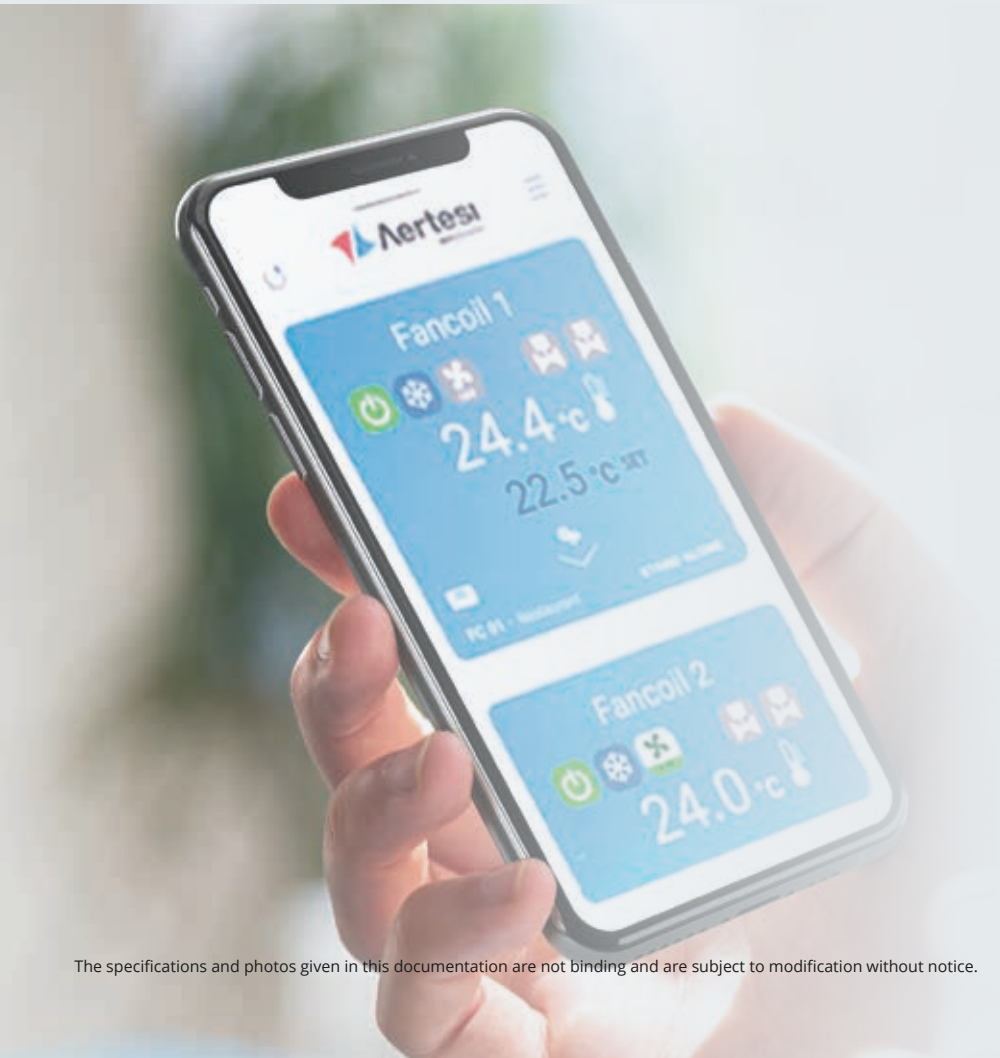
Management with MODBUS supervision with optional module BMS-SP3.
In this case the unit can work either with or without the control panel.

AER SLIM EVO

EC MOTOR
2-PIPE SYSTEM

		15			35			45			55		
SPEED		min	med	max	min	med	max	min	med	max	min	med	max
Air flow	m3/h	60	130	180	120	235	340	175	340	500	215	415	600
COOLING - air 27°C dry bulb, 19°C wet bulb - water inlet 7°C, outlet 12°C													
Total capacity	kW	0.37	0.66	0.83	0.74	1.24	1.61	1.14	1.93	2.56	1.46	2.48	3.28
Sensitive capacity	kW	0.28	0.53	0.68	0.56	0.98	1.32	0.85	1.49	2.02	1.07	1.88	2.53
Water flow rate	l/h	63	114	142	127	214	277	196	332	440	250	427	564
Δp (water)	kPa	2	6	9	2	4	6	4	11	18	8	20	33
HEATING - air 20 °C - water inlet 45 °C, outlet 40 °C													
Capacity	kW	0.40	0.75	0.97	0.80	1.40	1.88	1.18	2.07	2.83	1.47	2.59	3.51
Water flow rate	l/h	69	131	168	137	242	325	204	359	490	254	449	607
Δp (water)	kPa	2	7	10	2	5	7	4	11	19	7	19	33
MOTOR ELECTRIC POWER DRAW													
Power draw	W	5	6	11	6	11	19	7	12	20	9	15	24
Max power draw	A		0.1			0.2			0.2			0.2	
SOUND DATA													
Sound power	dB(A)	37	45	53	38	46	53	38	46	54	38	46	54
Sound pressure	dB(A)	28	36	44	29	37	44	29	37	45	29	37	45

(*) = the sound pressure levels are lower than power levels by 9 dB(A) for a 100 m^3 space and a reverberation time of 0.5 sec.



AERLINK COMPLETE SUPERVISION SYSTEM VIA BROWSER

The AERLINK device allows users to manage a network consisting of up to 32 fan coils.
In the case of a higher number of fan coils, additional AERLINK devices can be used (max 32 fan coils for each device), in this way the maximum number of fan coils that can be managed is virtually unlimited.

It is also possible to associate additional “slave” fan coils to each of the 32 fan coils connected to AERLINK, according to “Master/slave” logics independently of this device.

The specifications and photos given in this documentation are not binding and are subject to modification without notice.

AER.DP.AERSLIM.GB.005.07.21

tipografia **battagin** s. zenone e. (tv)

Aertesi srl
Viale della Tecnica, 6/a
35026 Conselve (PD) ITALY

t. +39.049.9501109
f. +39.049.9500823

www.aertesi.com
info@aertesi.com