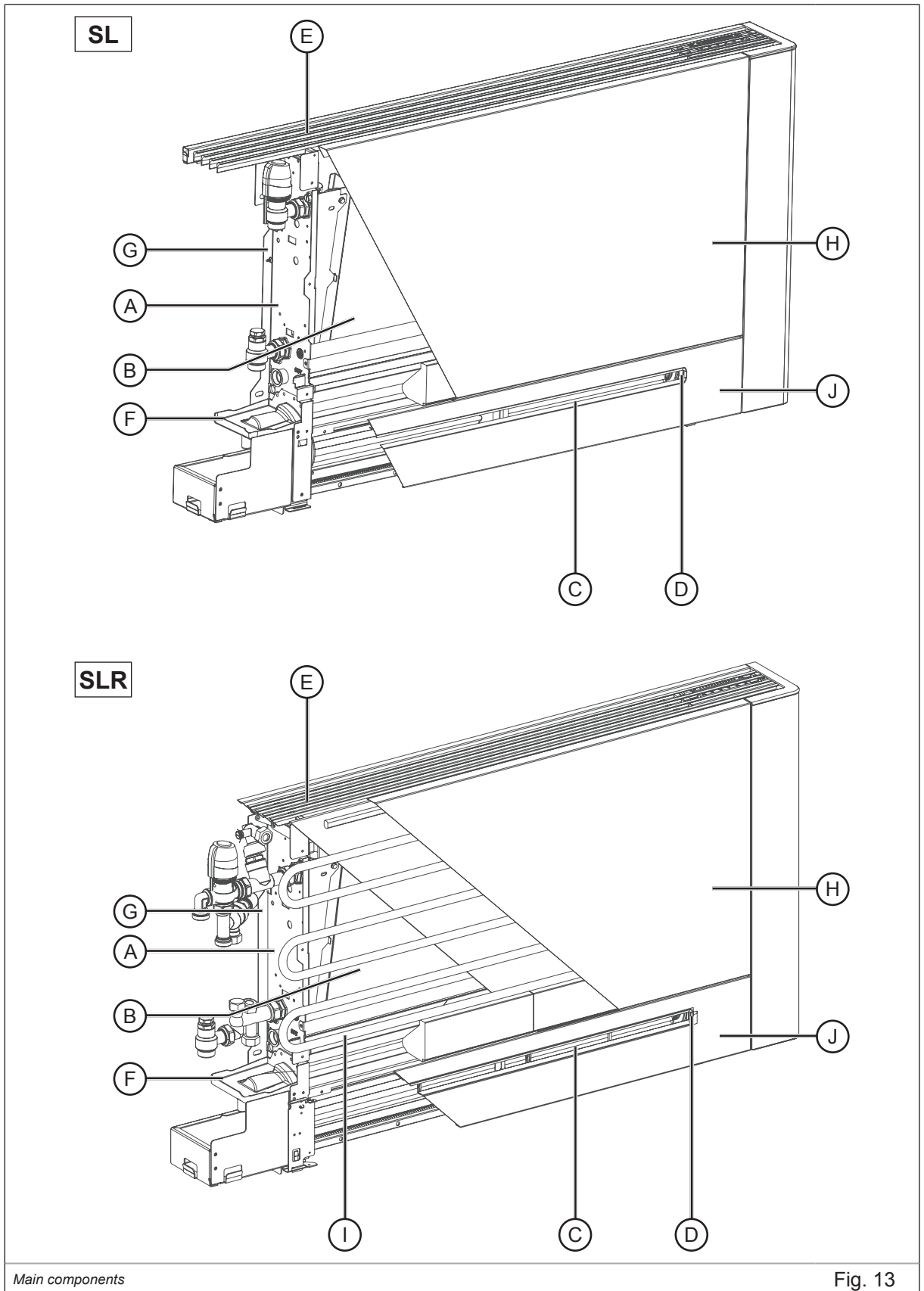


Bi2 SL+ INVERTER		200	400	600	800	1000
Total cooling capacity (a)	kW	0.82	1.74	2.54	3.29	3.78
Sensible cooling capacity	kW	0.64	1.25	1.94	2.54	2.98
Water flow	l/h	142	302	446	573	655
Water pressure drops	kPa	13.1	8.2	19.0	18.7	18.2
Heating capacity (water 50 °C) (b)	kW	1.05	2.31	3.12	4.10	4.67
Heating capacity (water 70 °C) (c)	kW	1.77	3.88	5.21	6.88	7.83
Water flow rate (70 °C)	l/h	152	334	448	592	673
Water pressure drops (70 °C)	kPa	10.9	7.0	14.3	12.7	12.5
Water content of the coil	l	0.47	0.80	1.13	1.46	1.8
Hydraulic connections	"	3/4 Eurocone	3/4 Eurocone	3/4 Eurocone	3/4 Eurocone	3/4 Eurocone
Min air flow rate (d)	m³/h	100	170	180	370	420
Max air flow rate (d)	m³/h	160	320	460	575	650
Minimum absorbed power	W	5	6	7	8	9
Maximum absorbed power	W	11	19	20	24	27
Min sound power LW	dB(A)	38	39	41	42	42
Max sound power LW	dB(A)	52	53	53	54	54
Sound pressure (e)	dB(A)	34	36	37	35	38
Power supply	V/ph/Hz	230/1/50	230/1/50	230/1/50	230/1/50	230/1/50
<p>Notes</p> <p>(a) Coil inlet water temperature 7 °C, coil outlet water temperature 12 °C, room air temperature 27 °C d.b. and 19 °C w.b.</p> <p>(b) Coil inlet water temperature 50 °C, water flow rate same as in cooling mode, inlet room air temperature 20 °C</p> <p>(c) Coil inlet water temperature 70 °C, coil outlet water temperature 60 °C, room air temperature 20 °C</p> <p>Note: the capacities are at maximum speed</p> <p>(d) Air flow rate measured with clean filters</p> <p>(e) Sound pressure measured at 1.5 m</p>						
Bi2 SL+ Inverter technical data						Tab. 14

2.3.4 COMPONENTS

The system terminals comprise the following main components (see Fig. 13):

- A. Supporting structure:** in high-tensile electrogalvanised sheet steel.
- B. High efficiency water-cooled heat exchange coil** with copper pipes and corrugated fins in aluminium. 3/4 Eurocone threaded hydraulic connections compliant with the new requirements of Community standardisation. The coil has a sensor for detecting the water temperature.
- C. Fan unit** comprising a tangential fan made of synthetic material with staggered fins (very low noise) mounted on anti-vibration mounts in EPDM, statically and dynamically balanced, and fitted directly on the motor shaft.
- D. Resin pack brushless DC electric motor** mounted on anti-vibration mounts in EPDM.
- E. Reversible air outlet grille** painted with oven-dried epoxy powders. The generous size of the motor adds to its high mechanical resistance.
- F. Drip tray** for vertical installation, in ABS, easy to disassemble for cleaning operations. The horizontal drip tray kit is available as an accessory for horizontal installation of the SL versions.
- G. High-tensile anti-condensation structural back panel.**
- H. Front panel** and removable side panels in electro-galvanised sheet metal painted with oven-dried epoxy powders.
- I. High efficiency radiant panel** hydraulically connected to the hot water coil (SLR versions). The circuit has a Kalorstat valve which prevents cold water from entering the panel.
- J. Aesthetic quick release front panel** in sheet metal for access to the filters, with safety microswitch.

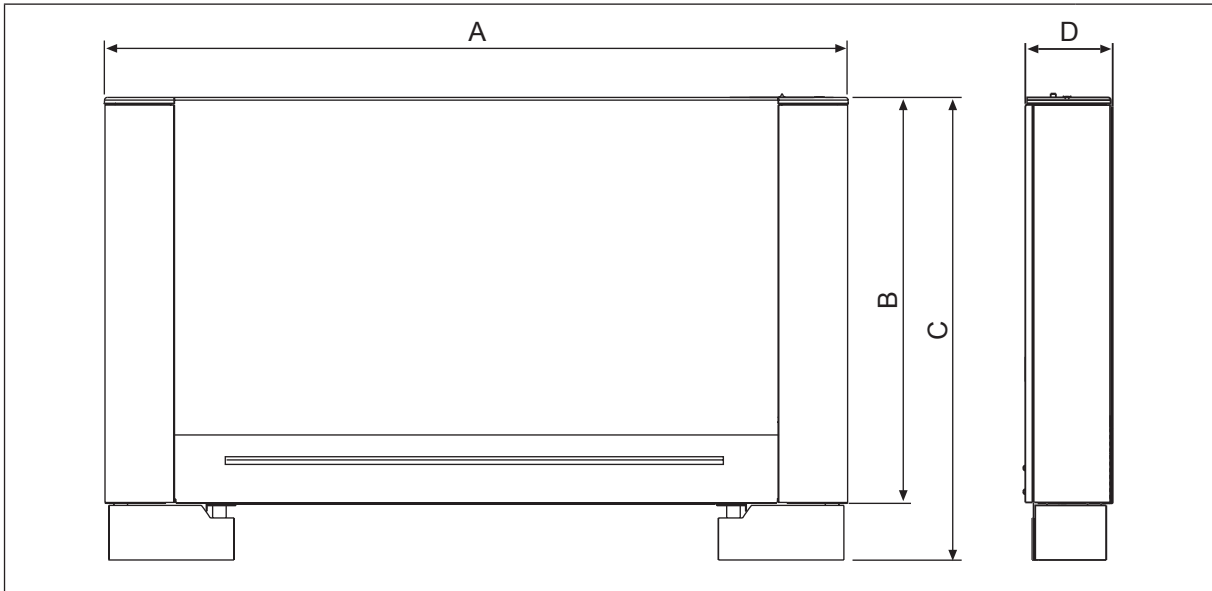


Note: electrovalve kit available as an accessory for all models.

2.3.5 DIMENSIONS AND POSITIONING

2.3.5.1 DIMENSIONS OF THE SLR+ AND SL+ VERSIONS

Below is the layout of the system terminals in the SLR+ e SL+ (Fig. 14) versions and a table summarising the dimensions and weight values (Tab. 15).



Layout of the SLR+ and SL+ versions

Fig. 14

Ref. Fig. 14		200	400	600	800	1000
A	mm	697	897	1097	1297	1497
B	mm	579	579	579	579	579
C	mm	659	659	659	659	659
D	mm	129	129	129	129	129
Weight of the SLR+	kg	15	17	21	24	27
Weight of the SL+	kg	13	14.5	17	20	23

Dimensions and weight values of the SLR+ and SL+

Tab. 15

2.3.5.2 POSITIONING OF THE SYSTEM TERMINALS

Before positioning the system terminals, make sure that:

- The wall on which the terminal is to be installed is suitable in terms of structure and capacity.
- There are no pipes or power lines in the area of the wall.
- The wall is perfectly level.
- The area is free from obstacles that could prevent the air from flowing freely in and out.
- In the case of installation on the ceiling, the flow of air is not aimed directly at people.

The terminal must be installed in such a way as to facilitate routine maintenance (cleaning the filter) and special maintenance, and ensure access to the air vent valves (coil and panel) from the upper grille, on the connections side.

MINIMUM CLEARANCES FOR INSTALLATION

In Fig. 15 are the minimum clearances for installation from walls or obstacles in the vicinity.

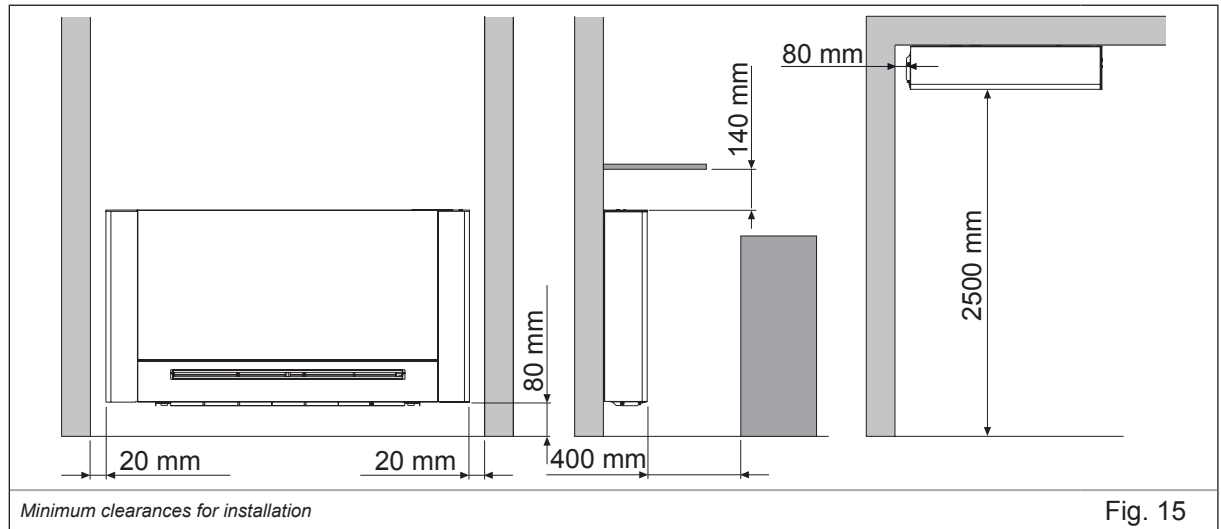


Fig. 15