

**Water terminal unit**

Vertical or horizontal indoor installation, cased or uncased  
Capacity from 0,8 to 3,8 kW

**ELFORoom<sup>2</sup>**ELFORoom<sup>2</sup>  
OUTVTELFORoom<sup>2</sup>  
INVOTELFORoom<sup>2</sup>  
OUTVOTELFORoom<sup>2</sup>  
INVOT

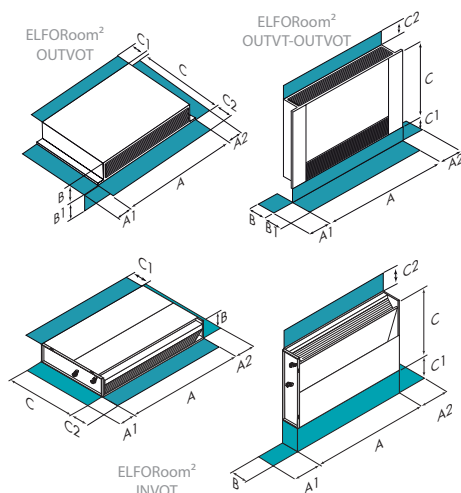
**ELFORoom<sup>2</sup>** is a clever mix of technology and design that provides a high level of comfort, better than any other diffusion system (radiators, fancoil, radiant panels).

It is the ideal solution for the refurbishment: ELFORoom<sup>2</sup> can be installed to replace radiators and, thanks to the low operating temperatures, allows a big saving on the life cycle costs and a better air quality thanks to the continuous filtration. Beside heating the room, ELFORoom<sup>2</sup> allows to cool and dehumidify the room in summer remembering to insulate the piping and allowing an adequate drain of the condensation.

It is also a good option for the new built houses: because of the low heating loads required ELFORoom<sup>2</sup> allows lower first costs compared to a radiant system and also to quickly reach the required temperature thanks to the lower thermal inertia.

ELFORoom<sup>2</sup> allows then to have:

- ▶ **ALWAYS WELL BLENDED TEMPERATURE** - It eliminates temperature stratification of the air thanks to the continuous fan speed modulation
- ▶ **REDUCED CONSUMPTION** - the unique motor allows big savings on consumptions
- ▶ **QUIET OPERATION** - the continuous fan operation allows to always operate at the lowest speed reducing the noise
- ▶ **CLEAN AIR WHILE AIRCONDITIONING** - continuously mixing the air allows a constant filtration thus a better air quality
- ▶ **SUITABLE FOR ALL THE INSTALLATIONS** - available in horizontal and vertical versions both cased and uncased.

**functions and features****dimensions and clearances**

Size – ELFOROOM2 AB		3	5	11	15	17
OUTV	A - Length	737	937	1137	1337	1537
OUTV	B - Width	131	131	131	131	131
OUTV	C - Height	579	579	579	579	579
OUTV	A1	20	20	20	20	20
OUTV	A2	20	20	20	20	20
OUTV	B1	400	400	400	400	400
OUTV	C1	80	80	80	80	80
OUTV	C2	140	140	140	140	140
INV	A - Length	527	727	927	1127	1327
INV	B - Width	126	126	126	126	126
INV	C - Height	579	579	579	579	579
INV	A1	63	63	63	63	63
INV	A2	100	100	100	100	100
INV	C1	20	20	20	20	20
INV	C2	360	360	360	360	360
OUTV	Operating weight	17	20	23	26	29
INV	Operating weight	9,0	12	15	18	21

The above mentioned data are referred to standard units for the constructive configurations indicated. For all the other configurations, refer to the relative Technical Bulletin.

OUTV Vertical cased version  
INV Vertical uncased version

CAUTION! For trouble-free operation of the unit it is essential to maintain the safety distances indicated by the green areas.

## versions and configurations

### VERSION:

- ▶ **OUTVL** Vertical cased with LCD display, continuous modulation DC motor, RS485 interface and built-in thermostat (Standard)
- ▶ **OUTVOT** Vertical - Horizontal cased with continuous modulation DC motor, RS485 interface without built-in thermostat
- ▶ **INVOT** Vertical - Horizontal uncased with continuous modulation DC motor, RS485 interface without built-in thermostat
- ▶ **OUTRAD** Vertical cased with continuous modulation DC motor, RS485

- ▶ **INRAD** interface with built-in thermostat and ventilated radiant plate  
Vertical uncased with continuous modulation DC motor, RS485 interface, without built-in thermostat and with ventilated radiant plate
- ▶ **OUTSRAD** Vertical cased with continuous modulation DC motor, RS485 interface, without built-in thermostat and with ventilated radiant plate

## technical data

Size – ELFOROOM2			3	5	11	15	17
▶ Cooling capacity	(1)	kW	0,83	1,76	2,65	3,34	3,80
Sensible capacity	(1)	kW	0,62	1,27	1,96	2,65	3,01
Total power input	(1)	kW	0,012	0,018	0,020	0,027	0,030
▶ Heating capacity	(2)	kW	0,94	1,98	2,72	3,46	4,12
Supply airflow	(3)	l/s	45,0	89,0	128	160	180
Type of supply fan	(4)	-	TGZ	TGZ	TGZ	TGZ	TGZ
Standard power supply		V	230/1/50	230/1/50	230/1/50	230/1/50	230/1/50
L		Sound pressure level					
			23	26	27	23	27

### Notes

- (1) Ambient temperature 27°C/19.5 WB; Water inlet 7°C and outlet 12°C; Air flow at max speed measured with clean filters
- (2) Ambient temperature 20°C DB; Water inlet 45°C and outlet 40°C; Air flow at max speed measured with clean filters
- (3) Air flow at max speed measured with clean filters
- (4) TGZ=tangential  
L Low speed (L)

## accessories

- ▶ **DX** Water fittings to the right
- ▶ **B4T** Additional coil for 4-pipe syst.
- ▶ **UV** UV germicidal lamp kit with support
- ▶ **3V010** DC motor modulation electronic board for matching to 3 speeds and 0-10V thermostats without RS485 interface
- ▶ **CSEMP** Simplified electronic control with 4 speeds DC motor, built-in thermostat without RS485 interface
- ▶ **HIDT2X** HID-T2 electronic room control
- ▶ **HIDT3X** HID-T3 electronic room control
- ▶ **HIDT12X** HID-T12 Flush-mounted electronic room control
- ▶ **HIDE1X** Remote control with 3 position switch + on/off for wall installation
- ▶ **HIDE2X** Remote control with E/1 +3V +on/off for wall installation
- ▶ **HIDE3X** Plurifunctional remote control for wall installation
- ▶ **KV3VBX** 3-way valve kit with electrothermal head and balancing
- ▶ **KV3B4X** 3-way valve kit with electrothermal head and balancing for 4-pipe system
- ▶ **BACKVX** Painted rear panel for cased version
- ▶ **PCIX** Uncased closure panel
- ▶ **KPDX** Plinth kit
- ▶ **CSFIX** Formwork for uncased installation
- ▶ **FXPPX** Floor fixing bracket kit
- ▶ **PMSTX** Telescopic upper supply plenum kit
- ▶ **PR90MX** 90° air outlet plenum
- ▶ **KASPX** Return plenum kit
- ▶ **GMX** Outlet grille
- ▶ **GRA1X** Air outflow grille
- ▶ **KCMDX** Motor connection cables for unit with couplings on the right

### Key to symbols:

- Accessories separately supplied