ELFORoom^2

Room terminal units specifically designed to distribute hot and cold air in the home. They use direct current technology, guaranteeing the highest standard of comfort, quiet operation and low energy consumption.

CLIVET

ELFOROOM2

3÷17

new generation

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

ELFORoom²

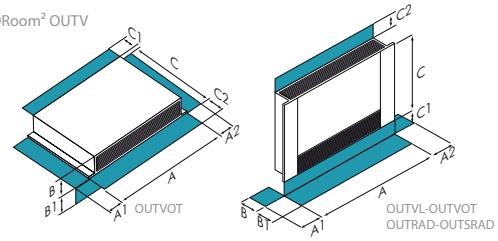
ELFORoom² *is a clever mix of technology and design that provides a high level of comfort, better than any other diffusion system (radiators, fancoil, radiant panels).*
It is the ideal solution for the refurbishment: ELFORoom² can be installed to replace radiators and, thanks to the low operating temperatures, allows a big saving on the life cycle costs and a better air quality thanks to the continuous filtration. Beside heating the room, ELFORoom² 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 ELFORoom² allows lower first costs compared to a radiant system and also to quickly reach the required temperature thanks to the lower thermal inertia.
ELFORoom² 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.*

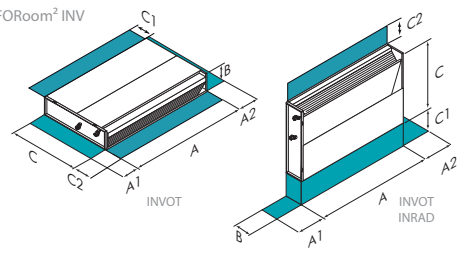
functions and features

dimensions and clearances

ELFORoom² OUTV



ELFORoom² INV



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

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

versions and configurations

VERSION:

- **OUTVL** Vertical, cased, with LCD display and built-in thermostat (Standard)
- **OUTVOT** Vertical - Horizontal cased without thermostat
- **INVOT** Vertical - Horizontal uncased without thermostat
- **OUTRAD** Vertical, cased, with LCD display, built-in thermostat and ventilated radiant plate
- **INRAD** Vertical, uncased, without thermostat and with ventilated radiant plate
- **OUTSRAD** Vertical, cased, without 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 air flow rate	(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		dB(A)	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** Electronic board for electromechanical thermostats, 3 speeds and 0-10V
- **CSEMP** Simplified electronic control, 4 speeds with LCD display
- ■ **HIDT2X** HID-T2 electronic ambient control
- ■ **HIDT3X** HID-T3 electronic ambient control
- ■ **HIDTI2X** HID-TI2 flush-mounted electronic ambient control
- ■ **HIDE1X** Remote control with 3 position switch + on/off for wall installation
- ■ **HIDE2X** Remote control with E/I +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 back 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 (optional)
- ■ **GRA1X** Air outflow grille
- ■ **KCMDX** Motor connection cables for unit with couplings on the right

Key to symbols:

■ Accessories supplied separately.