ELFOROOM2

ELFORoom²

Water terminal unit
Vertical or horizontal indoor installation, cased or uncased
Capacity from 0,9 to 4,2 kW

ELFORoom² OUTVL

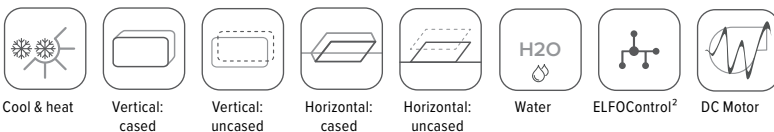ELFORoom² INVOT   ELFORoom² OUTVOT   ELFORoom² INVOT

ELFORoom² is a clever mix of technology and design that provides a high level of comfort.
Its main features are

■ **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

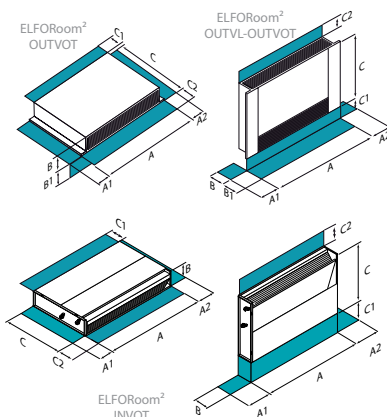| Cool & heat | Vertical: cased | Vertical: uncased | Horizontal: cased | Horizontal: uncased | H2O Water | ELFOControl² | DC Motor |

dimensions and clearances

ELFORoom² OUTVOT

ELFORoom² OUTVL-OUTVOT

ELFORoom² INVOT

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

Size – ELFOROOM2			003.0	005.0	011.0	015.0	017.0
OUTV	A - Length	mm	737	937	1137	1337	1537
OUTV	B - Width	mm	130	130	130	130	130
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	130	130	130	130	130
INV	C - Height	mm	586	586	586	586	586
INV	A1	mm	63	63	63	63	63
INV	A2	mm	100	100	100	100	100
INV	C1	mm	200	200	200	200	200
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

CLIVET

versions and configurations

Versione:

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 interface with built-in thermostat and ventilated radiant plate

INRAD 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			003.0	005.0	011.0	015.0	017.0
▸ Cooling capacity	(1)	kW	0,89	1,91	2,83	3,69	4,19
Sensible capacity	(1)	kW	0,65	1,29	1,94	2,50	2,78
Total power input	(1)	kW	0,012	0,020	0,022	0,030	0,033
▸ Heating capacity	(2)	kW	0,93	1,97	2,71	3,45	4,11
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	(5)	V	230/1/50	230/1/50	230/1/50	230/1/50	230/1/50
L Sound pressure level	(6)	dB(A)	23	26	27	23	27
M Sound pressure level	(6)	dB(A)	32	32	33	30	37
H Sound pressure level	(6)	dB(A)	39	40	39	39	43

Notes

(1) Ambient air at 27°C/19.5 W.B.; inlet water 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

(5) Power supply 230/1/50 Hz +/-10%

(6) The values have been detected in a closed ambient with a volume of 100 m^3 and a reverberation time of 0.5 seconds. The sound levels are referred to unit operating at a full load in nominal conditions. The sound pressure level is referred at a distance of 1m. from the external unit surface, with fairing, fitted to a wall. Please note that when the unit is installed in conditions other than nominal test conditions / for example near walls or obstacles in general) the sound levels may undergo substantial variation.

L Low speed (L)

M Medium speed (M)

H High speed (H)

accessories

	B4T	Additional coil for 4-pipe syst.	✔ **PCIX**	Uncased closure panel
	UV	UV germicidal lamp kit with support	✔ **KPDX**	Plinth kit
	SC3V	DC motor modulation electronic board for matching to 3 speeds thermostats	✔ **CSFIX**	Formwork for uncased installation
	SC010	DC motor modulation electronic board for matching to 0-10V thermostats	✔ **FXPPX**	Floor fixing bracket kit
	CSEMP	Simplified electronic control with 4 speeds DC motor, built-in thermostat without RS485 interface	✔ **PMSTX**	Telescopic upper supply plenum kit
✔	**KV3VBX**	3-way valve kit with electrothermal head and balancing	✔ **PR90MX**	90° air outlet plenum
✔	**KV3B4X**	3-way valve kit with electrothermal head and balancing for 4-pipe system	✔ **KASPX**	Return plenum kit
✔	**HIDT2X**	HID-T2 electronic room control	✔ **GMX**	Outlet grille
✔	**HIDT3X**	HID-T3 electronic room control	✔ **GRA1X**	Air outflow grille
✔	**HIDTI2X**	HID-TI2 Flush-mounted electronic room control	✔ **KCMDX**	Motor connection cables for unit with couplings on the right
✔	**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		
✔	**BACKVX**	Painted rear panel for cased version		

Key to symbols:

✔ Accessories separately supplied