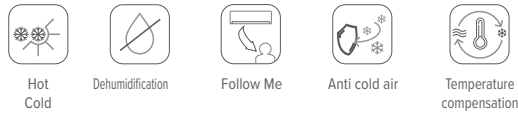


ELFORoom²

ELFOROOM² 003.0÷017.0

Slim floor- or ceiling-mounted fan coil with inverter motor for heating and cooling

COMFORT

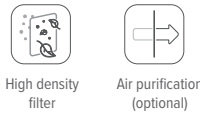


CONVENIENCE

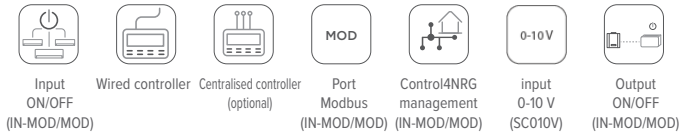


Auto Restart

HEALTH



MANAGEMENT AND CONNECTIVITY



- ✓ Suitable for any installation: vertical or horizontal, cased or uncased
- ✓ Quiet and efficient, thanks to the fan's brushless DC motor
- ✓ Management via ON/OFF, 3-speed or 0-10V contacts and ON/OFF output for calling an external device
- ✓ Optional germicidal UV lamp for air purification
- ✓ Management via Modbus port with connection to BMS or Control4 NRG

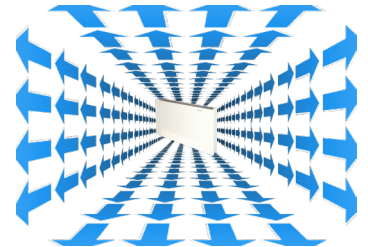
Ready for anything

ELFORoom² is highly flexible, thanks to the availability of many accessories that enhance its potential.

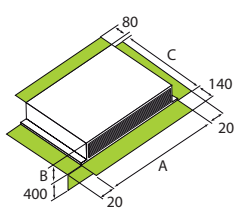
The unit can be managed with the on-board control, with LCD display and very discreet, with external thermostat, ON/OFF input via potential-free contact or input with 0-10V signal.

Multiple ELFORoom² units can also be grouped together in mini-networks of up to 9 units with master/slave management by thermostat or by Control4 NRG centraliser or BMS with Modbus protocol.

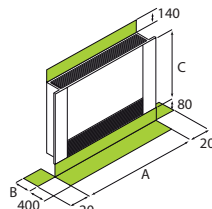
The rest of the optional equipment is designed to facilitate installation: feet for fixing to the ground, recessed fan coil / grid kit to make uncased installations invisible, telescopic or 90° plenum for ducting.



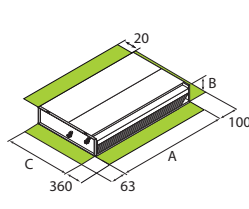
dimensions and connections



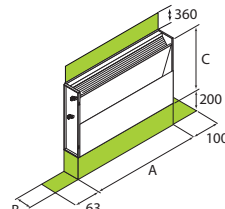
ELFORoom² OUTVOT
Cased unit



ELFORoom² OUTVL-OUTVOT
Cased unit



ELFORoom² INVOT
Uncased unit



ELFORoom² INVOT
Uncased unit

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

Size (CC2 version)

			003.0	005.0	011.0	015.0	017.0	
Dimensions	with casing	AxCxB	mm	737x579x130	937x579x130	1.137x579x130	1.337x579x130	1.537x579x130
	uncased	AxCxB	mm	527x586x130	727x586x130	927x586x130	1.127x586x130	1.327x586x130
Weight	with casing		kg	17	20	23	26	29
	uncased		kg	9	12	15	18	21
External diameters	Water		inch	3/4"				
	Condensate drain		mm	14				

configurations

TYPE OF CONFIGURATION:

CC2 2-pipe (Standard)

CC4 4 pipe

HYDRAULIC CONNECTIONS

SX Connections on the left (standard)

DX Right side fittings

TYPE OF INSTALLATION:

OUTVL With casing for vertical installation

OUTVOT With casing for vertical or horizontal installation

OUTRAD With casing for vertical installation, with ventilated radiant plate

INVOT Uncased for vertical or horizontal installation

CONTROL ELECTRONIC

IN-MOD Onboard thermostat and RS485 port as standard

CSEMP 4-speed simplified on-board thermostat

MOD RS485 port as standard and provision for connection to Modbus thermostat

SC3V Ready for connection to 3-speed thermostat

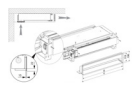



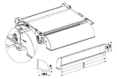

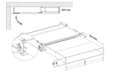

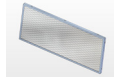

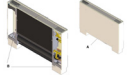



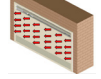

SC010 Ready for connection to 0-10V thermostat

AIR PURIFICATION

- **Standard filter (standard)**

UVPCO UV germicidal lamp kit with support

accessories

	KASPX	Return plenum kit		FXPPX	Floor fixing brackets kit
	GRA1X	Air outflow grille		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 (Available only with B4T)
	PMSTX	Telescopic upper supply plenum kit		KCMDX	Motor connection cables for unit with couplings on the right
	GMX	Outlet grille		HIDE2X	Electro-mechanical thermostat for wall installation with built-in temperature probe
	BACKVX	Rear painted panel for cased units		HIDE3X	Electro-mechanical thermostat for wall installation with built-in temperature probe
	PCIX	Uncased closure panel		HIDT6X	Electronic thermostat for wall installation with built-in temperature probe
	CSFIX	Formwork for uncased installation			
	KPDX	Plinth kit			

technical data

Size			003.0	005.0	011.0	015.0	017.0	
Cooling	Total yield	Water 7/12°C	kW	0,91	2,12	2,81	3,30	3,71
	Sensible yield	Ambient air 27°C/19°Cwb	kW	0,73	1,72	2,11	2,71	2,90
	Water flow-rate	Maximum ventilation speed	l/h	157	365	483	568	638
	Water pressur drop		kPa	12,1	8,2	17,1	18,0	21,2
Heating	Yield	Water 45/40°C	kW	1,02	2,21	3,01	3,80	4,32
	Water flow-rate	Ambient air 20°C	l/h	175	380	518	654	743
	Water pressur drop	Maximum ventilation speed	kPa	9,1	9,2	19,1	21,2	23,3
	Yield	Water 50°C/cool water flow-rate	kW	1,17	2,55	3,52	4,43	5,09
	Water flow-rate	Ambient air 20°C	l/h	157	365	483	568	638
	Water pressur drop	Maximum ventilation speed	kPa	5,8	6,6	14,6	14,4	22,9
Heat recovery capacity	Minimum / Maximum	W	5/11	4/19	6/20	5/29	5/33	
Operating pressure	Water content	bar			10			
Airflow ¹	Minimum / Nominal / Maximum	m ³ /h	49/91/146	124/210/294	194/318/438	302/410/567	364/479/663	
Sound power	Minimum / Maximum	dB(A)	33/51	35/53	36/54	36/55	37/57	
Sound pressure @1m	Minimum / Maximum	dB(A)	24/41	25/42	26/44	26/46	28/47	
Power supply	Voltage/Frequency/Phases	V/Hz/n°			230/50/1			

Sound levels tested in an anechoic chamber according to ISO 3744

(1) With clean filters

