

# ELFOSpace BOX3

CFK 007.0÷041.0

Boxed 4-way fan coil with inverter motor for heating and cooling

## COMFORT



Hot  
Cold



Dehumidification



Follow Me  
(on thermostat)



Anti cold air



Temperature  
compensation

## RELIABILITY



Condensate drain  
pump



High density  
filter

## HEALTH



input  
ON/OFF



Remote control



Wired controller  
(optional)



Centralised controller  
(optional)

## MANAGEMENT AND CONNECTIVITY



MOD  
Port  
Modbus



ELFOControl  
management



input  
0-10 V  
(021.0-041.0)

## CONVENIENCE



Auto Restart



- ✓ Management with potential-free contact input or 0-10V input, alarm output
- ✓ Quiet and efficient, thanks to the fan's brushless DC motor
- ✓ Standard supplied infrared remote control
- ✓ Standard supplied condensate drain pump on board
- ✓ Management via Modbus port with connection to BMS or CONTROL4 NRG

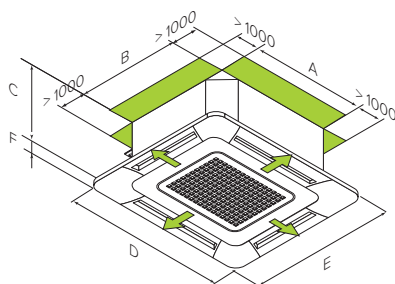
## Efficient and quiet



ELFOSpace BOX3 is standard supplied with a brushless DC motor fan, featuring advanced high efficiency technology that ensures low noise levels and consistent and precise control of the room temperature. Thanks to this, they are suitable for many applications in commercial and industrial sectors but also for particular situations such as hospitals or airports.

The power consumption of fan coils with brushless DC ventilation motor is reduced by up to 60% compared to corresponding models with asynchronous motor, while the noise level is 2÷5 dB(A) lower, making the environment more comfortable with lower costs.

## dimensions and connections



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

Size (CC2 version)			007.0	011.0	015.0	021.0	031.0	041.0	
Dimensions	unit	AxCxB	mm	575x261x575	575x261x575	575x261x575	840x230x840	840x300x840	840x300x840
	panel	AxCxB	mm	647x50x647	647x50x647	647x50x647	950x45x950	950x45x950	950x45x950
Weight	unit		kg	16,5+2,5	16,5+2,5	16,5+2,5	23+6	27+6	27+6
	panel		kg						
External diameters	Water		inch	3/4"					
	Condensate drain		mm	25				32	








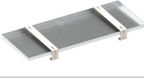


## configurations

### SYSTEM TYPE:

**CC2** 2-pipe (Standard)

**CC4** 4 pipe

## accessories

	<b>KJR90X</b>	KJR-90D electronic room control for wall installation		<b>360PX</b>	Air return and supply frame with supply at 360°
	<b>KJR150X</b>	Indoor units' group controller		<b>3V2X</b>	Three-way valve kit for 2-pipe "on/off" system
	<b>CCM30BX</b>	Touch-key indoor units' centralized controller		<b>3V4X</b>	Three-way valve kit for 4-pipe "on/off" system
	<b>CCM09</b> <i>to exhaustion</i>	Wired centraliser with weekly scheduler		<b>DTX</b>	Auxiliary condensate collection tray
	<b>CCM-180A/WS</b>	Wired centraliser with 6.2" touchscreen display and weekly scheduler			
	<b>CCM-270A/WS</b>	Wired centraliser with 10.1" touchscreen display and weekly scheduler			

## technical data

Size				<b>007.0</b>	<b>011.0</b>	<b>015.0</b>	<b>021.0</b>	<b>031.0</b>	<b>041.0</b>
Cooling	Total Capacity	Water 7/12°C	kW	2,98	3,96	4,20	5,93	7,87	11,2
	Sensible Capacity	Ambient air 27°C/19°Cwb	kW	2,49	3,20	3,45	5,00	6,68	9,04
	Water flow-rate	Maximum ventilation speed	l/h	513	681	722	1.020	1.354	1.925
	Water pressur drop		kPa	10,0	11,5	12,3	23,8	22,3	36,6
Heating	Capacity	Water 45/40°C	kW	2,61	4,08	4,95	6,06	9,16	10,07
	Water flow-rate	Ambient air 20°C	l/h	450	700	870	1.040	1.580	1.735
	Water pressur drop	Maximum ventilation speed	kPa	12,1	9,2	9,4	25,9	28,8	49,2
	Capacity	Water 50°C/cool water flow-rate	kW	3,11	4,58	5,58	7,01	10,4	11,5
	Water flow-rate	Ambient air 20°C	l/h	513	681	722	1.020	1.354	1.925
	Water pressur drop	Maximum ventilation speed	kPa	16,3	10,7	9,0	12,8	10,7	8,9
Heat recovery capacity		Minimum / Maximum	W	5/15	9/28	21/43	20/41	45/85	39/126
Operating pressure	Water content		bar				16		
Airflow <sup>1</sup>		Minimum / Nominal / Maximum	m <sup>3</sup> /h	322/429/535	381/477/610	494/611/781	768/987/1.175	1.236/1.371/1.581	1.198/1.415/1.871
Sound power		Minimum / Maximum	dB(A)	39/51	42/54	44/55	45/55	53/60	51/64
Sound pressure @1m		Minimum / Maximum	dB(A)	27/39	30/42	32/43	33/43	41/48	39/49
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