

ELFOspace BOX3

CFK 007.0÷041.0

4-way cassette fan coil with DC motor
for heating and cooling

COMFORT



Heating
Cooling



Dehumidification



Follow Me
(optional KJR-90D)



Anti cold air



Temperature
compensation

RELIABILITY



Condensate
drain pump

HEALTH



High density
filter

MANAGEMENT AND CONNECTIVITY



Remote control



Wired control
(optional)



Centralised control
(optional)



Modbus
port



ELFOControl
management

RELIABILITY



Eurovent

CONVENIENCE



Auto Restart



- ✓ New functions: 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 system or ELFOControl

TERMINAL UNITS

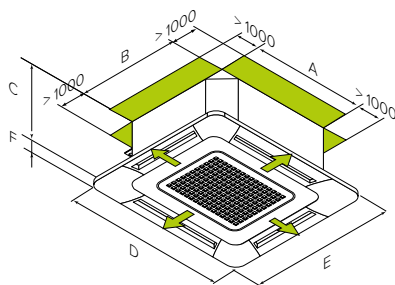
Efficient and quiet

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				007.0	011.0	015.0	021.0	031.0	041.0
Dimensions	Unit	Length(A) x Height(C) x Depth(B)	mm	575x261x575	575x261x575	575x261x575	840x230x840	840x300x840	840x300x840
	Panel	Length(D) x Height(F) x Depth(E)	mm	647x50x647	647x50x647	647x50x647	950x45x950	950x45x950	950x45x950
Weight	Unit + Panel (2-pipe)		kg	16,5+2,5	16,5+2,5	16,5+2,5	23+6	27+6	27+6
	Unit + Panel (4-pipe)		kg	16,7+2,5	16,7+2,5	16,7+2,5	27,5+6	30+6	30+6
External diameter	Water		inch				3/4"		
	Condensate drain		mm				25		
							32		













configurations

TYPE OF SYSTEM:

CC2 2-pipe

CC4 4-pipe

accessories

	KJR90X	KJR90 electronic room control for wall installation		CCM08X	BACnet Gateway (to exhaustion)
	KJR150X	Indoor units' group controller		GW-LON(A)	BACnet Gateway e IMMPRO gateway
	CCM30BX	Touch-key indoor units' centralized controller		LONGW64	LonWorks Gateway for up to 64 fancoil units (to exhaustion)
	CCM09	Wired centraliser with weekly scheduler (to exhaustion)		GW-LON(A)	LonWorks Gateway for up to 32 fancoil units
	CCM-180A/WS	Wired centralizer with 6.2" touchscreen display with weekly scheduler ^{NEW}		KNXX	KNX Gateway, for single indoor unit (to exhaustion)
	CCM-270A/WS	Wired centralizer with 10.1" touchscreen display with weekly scheduler ^{NEW}			
	CCM18UX	Modbus protocol for up to 16 fancoil units (gateway)			
	CCM18X	Modbus protocol for up to 64 fancoil units (gateway)			

TERMINAL UNITS

technical data

Size				007.0	011.0	015.0	021.0	031.0	041.0
Cooling	Total capacity		kW	2,98	3,96	4,20	5,93	7,87	11,19
	Sensible capacity	Water 7/12°C	kW	2,49	3,20	3,45	5,00	6,68	9,04
	Water flow-rate	Ambient air 27°C/19°C wb	l/h	530	700	750	1050	1440	1960
	Water pressure drop	Maximum ventilation speed	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	8,98
	Water flow-rate	Ambient air 20°C	l/h	640	830	870	1.300	1.730	2.350
	Water pressure drop	Maximum ventilation speed	kPa	12,1	9,2	9,4	25,9	28,8	49,2
	Capacity	Water 50°C/cooling water flow	kW	4,01	4,78	5,76	8,42	10,92	14,92
	Water flow-rate	Ambient air 20°C	l/h	530	700	750	1050	1440	1960
	Water pressure drop	Maximum ventilation speed	kPa	10,0	11,5	12,3	19,2	22,3	36,6
Power input		Minimum / Maximum	W	5/15	9/28	21/43	20/41	45/85	39/126
Operating pressure		Maximum	bar	16					
Airflow ¹		Minimum / Nominal / Maximum	m ³ /h	322 / 429 / 535	381 / 477 / 610	494 / 611 / 781	768 / 980 / 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					

The Product is compliant with the Erp (regulation 2016/2281)

Sound levels tested in an anechoic chamber according to ISO 3744

(1) With clean filters