

MOOD

CFW-2 1÷5

Wall-mounted fan coil with DC motor for heating and cooling

COMFORT



Heating
Cooling



Dehumidification



Follow Me
(optional KJR-90D)



Anti cold air



Temperature compensation

HEALTH



High density filter

MANAGEMENT AND CONNECTIVITY



Potential-free contact



Remote control



Wired control
(optional)



Centralised control
(optional)



Modbus port



ELFOControl management



Input 0-10V



Generator demand

RELIABILITY



Eurovent

CONVENIENCE



Auto Restart



- ✓ Standard supplied with 3-way ON/OFF valves and potential-free contact for generator demand
- ✓ Quiet and efficient, thanks to the fan's brushless DC motor
- ✓ Standard supplied infrared remote control
- ✓ Standard supplied input contact for 0-10V management
- ✓ Management via Modbus port with connection to BMS system or ELFOControl

Management with ELFOControl

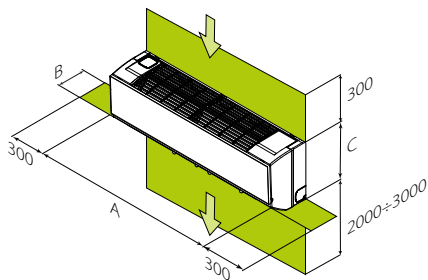
Mood can be connected to ELFOControl³ EVO, the touch-screen centraliser that coordinates the entire system intelligently and efficiently to always ensure the utmost comfort at the lowest possible cost.

By connecting the fan coils to this central "brain", the heat diffusion system can be managed with "room by room" temperature control by turning the individual thermostats with temperature and humidity control (where available) or directly on the terminal units, changing their speed and reducing consumption. The temperature in the house will certainly be more consistent and controlled, for maximum comfort.

It is also possible to create and manage dual emitter systems: fan coils for cooling and radiant panels for heating.



dimensions and connections



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

Size		1	2	3	4	5
Dimensions	Length(A) x Height(C) x Depth(B) mm		915x290x233			1.072x315x237
Weight	kg		12,7		15,1	14,9
External diameter	Water			3/4"		
	Condensate drain			20		

accessories

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

technical data

Size				1	2	3	4	5
Cooling	Total yield		kW	2,70	2,91	3,81	4,47	4,87
	Sensible yield	Water 7/12°C	kW	2,15	2,33	3,18	3,67	4,11
	Water flow-rate	Ambient air 27°C/19°Cwb	l/h	480	510	670	770	850
	Water pressur drop	Maximum ventilation speed	kPa	31,6	37,2	56,8	41,2	50,7
Heating	Yield	Water 45/40°C	kW	2,12	3,23	4,3	4,84	5,26
	Water flow-rate	Ambient air 20°C	l/h	480	510	670	770	850
	Water pressur drop	Maximum ventilation speed	kPa	37,5	40,6	61,9	43,7	51,7
	Yield	Water 50°C/cooling water flow-rate	kW	3,29	3,76	5,08	5,68	6,31
	Water flow-rate	Ambient air 20°C	l/h	480	510	670	770	850
	Water pressur drop	Maximum ventilation speed	kPa	31,6	37,2	56,8	41,2	50,7
Power input		Minimum / Maximum	W	9/11	8/14	14/31	12/22	16/33
Operating pressure		Maximum	bar	16				
Airflow ¹		Minimum / Nominal / Maximum	m ³ /h	400 / 454 / 492	413 / 485 / 585	590 / 689 / 825	634 / 741 / 634	717 / 849 / 979
Sound power		Minimum / Maximum	dB(A)	39/44	35/44	47/57	42/50	47/56
Sound pressure @1m		Minimum / Maximum	dB(A)	27/32	23/32	35/45	30/38	35/44
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