

AURA - Inverter version

CFFC / CFFU 1÷12

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

COMFORT



Hot
Cold



Dehumidification



Follow Me



Anti cold air



Temperature
compensation

HEALTH



High density
filter

MANAGEMENT AND CONNECTIVITY



Input ON/OFF



Wired controller



Centralised controller
(optional)



Port
Modbus



Control4 NRG
management



input
0-10 V

CONVENIENCE



Auto Restart

FAN COILS



- ✓ Sleek and elegant design, suitable for blending into any environment
- ✓ Suitable for any installation: vertical or horizontal, cased or uncased
- ✓ Quiet and efficient, thanks to the fan's brushless DC motor
- ✓ Complete range: sizes from 1.5 kW to 8.3 kW, ideal for houses or hotel rooms
- ✓ Can be adapted on-site to have fittings on the right side as well
- ✓ Management via Modbus port with connection to BMS or Control4 NRG

Dedicated control

The unit can be selected with the innovative, specially designed KJRP-75A user interface. The controller can either be installed on board the unit (for cased versions) or remotely on the wall (also with optional 2 m extension lead). It has a touch screen, back-light and 7-speed control + AUTO.

The interface also has a temperature sensor: with the Follow-me function, the unit can be controlled according to the temperature read by this probe, replacing the temperature that would be detected as standard when the unit is restarted.



configurations

TYPE OF SYSTEM:

CC2 2-pipe (Standard)

CC4 4 pipe

AIR RETURN:

RP From the back (standard)

RB Downward

HYDRAULIC CONNECTIONS

SX Connections on the left (standard)

DX Right side fittings

VALVES MOUNTED ON BOARD:

- not required (standard)

3V2 3-way ON/OFF valves for 2-pipe version

3V4 3-way ON/OFF valves for 4-pipe version

BUILT-IN THERMOSTAT:

NOHMI not required (standard)

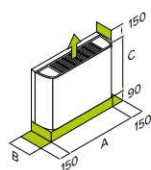
HMIDM KJRP-75A control

accessories

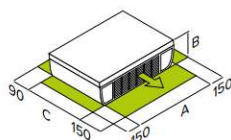
	BRVHX	Auxiliary condensate collection tray for vertical/horizontal installation		KJR90X	KJR90 electronic room control for wall installation
	KPDX	Feet kit		KJR150X	Indoor units' group controller
	3V2DX	3-way ON/OFF valves kit for 2-pipe system (3V2DX for right side fittings / 3V2SX for left side fittings)		CCM30BX	Touch-key indoor units' centralized controller
	3V2SX			CCM09 <i>to exhaustion</i>	Plastic frame for air supply and return (Standard)
	3V4DX			CCM-180A/WS	Wired centraliser with 6.2" touchscreen display and weekly scheduler
	3V4SX			CCM-270A/WS	Wired centraliser with 10.1" touchscreen display and weekly scheduler
	HMIFDCX	KJRP-75A electronic wired controller for unit- or wall-mounting			
	EXTENX	KJRP-75A wired controller connection extension cable (2 m)			
	KCMDX	Fan connection cables for units with connections on the right (per AURA DC 9 to 12)			

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dimensions and connections



CAS
Cased unit



UNC
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)				1	2	3	4	6	8	10	12
Dimensions	with casing	AxCxB	mm	790x495x200		1.020x495x200		1.240x495x200		1.360x495x200	1.360x591x200
	uncased	AxCxB	mm	628x455x200		858x455x200		1.078x455x200		1.198x455x200	1.198x551x200
Weight	with casing		kg	18,0	18,5	21,5	22,0	26,5	26,5	29,5	34,5
	uncased		kg	11,8	12,1	13,9	14,8	18,2	18,2	20,8	24,3
External diameters	Water		inch					3/4"			
	Condensate drain		mm					18,5			

technical data

Size			R3 Version	1*	2	3*	4	6
Cooling	Total yield		kW	1,50	1,95	2,35	2,85	3,90
	Sensible yield	Water 7/12°C	kW	1,14	1,42	1,79	2,06	2,90
	Water flow-rate	Ambient air 27°C/19°Cwb	l/h	260	330	400	490	670
	Water pressur drop	Maximum ventilation speed	kPa	13,9	27,2	13,3	26	37,4
	Yield	Water 45/40°C	kW	1,57	2,05	2,60	2,95	4,00
Heating	Water flow-rate	Ambient air 20°C	l/h	270	350	450	510	700
	Water pressur drop	Maximum ventilation speed	kPa	15,1	25,3	14,3	24,4	36,5
	Yield	Water 50°C/cool water flow-rate	kW	1,81	1,93	2,92	3,14	4,37
	Water flow-rate	Ambient air 20°C	l/h	260	330	400	490	670
	Water pressur drop	Maximum ventilation speed	kPa	9,6	17,0	10,3	18,2	19,0
Heat recovery capacity	Minimum / Maximum	W		8/15	9/19	7/16	8/18	10/28
Operating pressure	Water content	bar				16		
Airflow ¹	Minimum / Nominal / Maximum	m ³ /h		150/170/255	150/210/255	190/315/400	190/300/425	310/450/595
Sound power	Minimum / Maximum	dB(A)		34/47	38/52	29/43	29/46	39/52
Sound pressure @1m	Minimum / Maximum	dB(A)		21/34	25/39	18/29	19/32	30/40
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
*RF version not available

Size			R3 Version	8*	10*	12*
Cooling	Total yield	Water 7/12°C	kW	4,85	6,35	8,25
	Sensible yield	Ambient air 27°C/19°Cwb	kW	3,63	4,98	6,12
	Water flow-rate	Maximum ventilation speed	l/h	830	1.090	1.430
	Water pressur drop		kPa	54,3	32,8	71,4
	Yield	Water 45/40°C	kW	5,25	7,05	8,70
Heating	Water flow-rate	Ambient air 20°C	l/h	910	1.220	1.510
	Water pressur drop	Maximum ventilation speed	kPa	53,4	37,6	62,6
	Yield	Water 50°C/cool water flow-rate	kW	5,68	8,15	9,37
	Water flow-rate	Ambient air 20°C	l/h	830	1.090	1.430
	Water pressur drop	Maximum ventilation speed	kPa	28,5	17,6	39,9
Heat recovery capacity	Minimum / Maximum	W		13/47	18/87	22/106
Operating pressure	Water content	bar			16	
Airflow ¹	Minimum / Nominal / Maximum	m ³ /h		420/600/800	530/875/1.190	680/980/1.300
Sound power	Minimum / Maximum	dB(A)		43/59	46/62	47/63
Sound pressure @1m	Minimum / Maximum	dB(A)		30/45	31/50	33/50
Power supply	Voltage/Frequency/Phases	V/Hz/n°			230/50/1	

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