

AURA

Water terminal unit

By water

Reversible hydraulic connections on site

Capacity from 1,6 to 8,2 kW



CFFAU
uncased



CFFAC
cased

- ✓ Compact and quiet, with an elegant design suitable for any room
- ✓ Cased and uncased installation, vertical and horizontal, bottom and front return
- ✓ Versions for 2-pipe and 4-pipe systems
- ✓ Can be easily managed by external control systems
- ✓ Reversible hydraulic connections on site



Clivet participates in the ECP Programme for "Fan Coil". Check ongoing validity of certificate on www.eurovent-certification.com



compliant
ErP



functions and features



Cool & heat



Vertical
cased



Vertical
uncased



Horizontal:
cased



Horizontal:
uncased

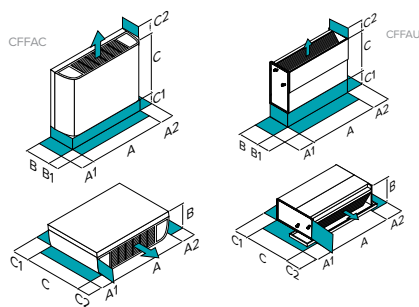


Water



Control4NRG
management

dimensions and clearances



CAUTION!

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

Size		CFFA	1	2	3	4	5	6	8	9	10	12	
CFFAC (cased)	DIMENSIONS	A - Length	mm	790	790	1020	1020	1240	1240	1240	1360	1360	1360
		B - Width	mm	200	200	200	200	200	200	200	200	200	200
		C - Height	mm	495	495	495	495	495	495	495	495	495	591
	CLEARANCES	A1	mm	150	150	150	150	150	150	150	150	150	150
		A2	mm	150	150	150	150	150	150	150	150	150	150
		C1 (R3 only)	mm	90	90	90	90	90	90	90	90	90	90
CFFAU (uncased)	WEIGHT	CFFAC CC2 R3	kg	16,3	16,7	20	20,8	-	25,4	26,3	-	28,5	34
		CFFAC CC4 R3	kg	-	-	21,3	-	25,9	-	-	29	-	-
	DIMENSIONS	A - Length	mm	628	628	858	858	1078	1078	1078	1198	1198	1198
		B - Width	mm	200	200	200	200	200	200	200	200	200	200
		C - Height	mm	455	455	455	455	455	455	455	455	455	551
	CLEARANCES	A1	mm	150	150	150	150	150	150	150	150	150	150
CFFAU (uncased)		A2	mm	150	150	150	150	150	150	150	150	150	
		C1	mm	90	90	90	90	90	90	90	90	90	90
		C2	mm	150	150	150	150	150	150	150	150	150	150
	WEIGHT	CFFAU CC2 R3	kg	11,6	12	13,9	14,8	-	18,2	18,8	-	21,7	25,2
		CFFAU CC4 R3	kg	-	-	15,3	-	18,7	-	22,2	-	-	-

The above mentioned data are referred to standard units for the constructive configurations indicated. For all the other configurations, refer to the relative Technical Bulletin.

versions and configurations

VERSION:

CFFAC	Cased version for vertical and horizontal installation
CFFAU	Uncased version for vertical and horizontal installation

TYPE OF SYSTEM:

CC2	2-pipe (Standard)
CC4	4-pipe

RETURN:

R3	Return from the bottom (vertical installation / from the back (horizontal installation) (Standard)
RF	Air return from the front (vertical installation) / from the bottom (horizontal installation)

HYDRAULIC CONNECTIONS

SX	Pipes connection on the left (Standard)
DX	Right side fittings

BUILT-IN VALVES

-	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)
HMIAM	KJRP-86R control mounted on board

technical data

Size	CFFA	1*	2	3*	4	6	8*	10*	12*
2 pipe									
High speed									
Air flow rate	m ³ /h	255	255	400	425	595	800	1150	1300
♦ Cooling capacity	(1) kW	1,65	2,25	2,65	3,05	4,2	5,35	6,75	8,25
Sensible capacity	(1) kW	1,25	1,65	2,05	2,23	3,05	3,96	5,09	6,08
Water flow-rate	(1) l/h	280	390	450	520	720	920	1160	1410
Water pressur drop	(1) kPa	15,75	33,19	18,03	26,71	41,15	61,48	40,26	64,72
♦ Heating capacity	(2) kW	1,85	2,35	3,05	3,15	4,3	5,7	7,15	8,5
Water flow-rate	(2) l/h	320	400	520	540	740	980	1230	1460
Water pressur drop	(2) kPa	15,13	33,19	17,56	23,31	37,2	60,89	42,16	61,96
Total power input	W	35	40	47	47	51	91	110	118
Medium speed									
Air flow rate	m ³ /h	165	192	273	284	450	574	885	1132
♦ Cooling capacity	(1) kW	1,22	1,85	2,02	2,26	3,38	4,25	5,8	7,52
Sensible capacity	(1) kW	0,88	1,35	1,5	1,61	2,43	3,08	4,36	5,53
Water flow-rate	(1) l/h	210	320	350	390	580	730	1000	1290
Water pressur drop	(1) kPa	9,33	22,37	11,18	15,66	27,07	41,44	29,2	55,03
Heating capacity	(2) kW	1,29	1,87	2,24	2,28	3,43	4,36	5,81	7,6
Water flow-rate	(2) l/h	220	320	380	390	590	750	1000	1300
Water pressur drop	(2) kPa	8,22	22,37	10,28	12,57	24,5	37,73	28,68	47,46
Total power input	W	17	24	26	26	32	54	89	104
Low speed									
Air flow rate	m ³ /h	142	139	180	184	319	404	591	836
♦ Cooling capacity	(1) kW	1,09	1,4	1,4	1,58	2,48	3,31	4,24	5,87
Sensible capacity	(1) kW	0,78	1	1,02	1,08	1,73	2,34	3,12	4,21
Water flow-rate	(1) l/h	190	240	240	270	430	570	730	1010
Water pressur drop	(1) kPa	7,37	4,64	5,48	8,42	15,71	26,62	16,15	34,88
♦ Heating capacity	(2) kW	1,13	1,42	1,52	1,6	2,52	3,31	4,3	5,9
Water flow-rate	(2) l/h	190	240	260	280	430	570	740	1020
Water pressur drop	(2) kPa	6,64	4,64	5,43	6,11	13,75	21,79	14,66	28,84
Total power input	W	14	15	14	14	19	35	64	82
Standard power supply	V/n°/Hz	220-240/1/50							
Type of supply fan	(3)	CFG							
No. of supply fan	-	1	1	2	2	2	2	3	3
H Sound pressure level	(4) dB(A)	35	42	34	34	40	47	50	50
M Sound pressure level	(4) dB(A)	24	35	24	25	35	40	44	45
L Sound pressure level	(4) dB(A)	21	27	18	19	31	31	33	37
H Sound power level	(4) dB(A)	47	53	46	47	52	59	62	63
M Sound power level	(4) dB(A)	35	47	37	38	45	51	56	58
L Sound power level	(4) dB(A)	34	39	31	32	37	43	46	50

The Product is compliant with the Erp (Energy Related Products) European Directive. It includes the Commission delegated Regulation (EU) No 2016/2281, also known as Ecodesign Lot21.

Airflow with free outlet (0 Pa static pressure)

(1) Entering exchanger water 7°C (temperature differential 5°C) - Ambient air 27°C D.B. / 19°C W.B.

(2) Entering exchanger water 45°C (temperature differential 5°C) - Ambient air 20°C

(3) CFG = Centrifugal fan

(4) Sound levels tested in anechoic chamber and referring to units for 2-pipe systems. The sound pressure level refers to 1 m from the external surface of the unit operating in the open field

* RF version available while stocks last

technical data

Size	CFFA	3*	5*	9*	
4 pipe					
High speed					
Air flow rate		m ³ /h	425	595	1150
♦ Cooling capacity	(1)	kW	2,89	4,09	6,4
Sensible capacity	(1)	kW	2,05	2,94	4,9
Water flow-rate	(1)	l/h	500	700	1100
Water pressur drop	(1)	kPa	21,38	47,7	63,05
♦ Heating capacity	(2)	kW	2,45	2,95	4,65
Water flow-rate	(2)	l/h	210	250	400
Water pressur drop	(2)	kPa	31,95	58,17	135,21
Total power input		W	47	51	110
Medium speed					
Air flow rate		m ³ /h	284	430	885
♦ Cooling capacity	(1)	kW	2,05	3,35	5,59
Sensible capacity	(1)	kW	1,39	2,38	4,25
Water flow-rate	(1)	l/h	350	570	960
Water pressur drop	(1)	kPa	11,95	33,04	48,47
Heating capacity	(2)	kW	1,7	2,5	4,09
Water flow-rate	(2)	l/h	150	210	350
Water pressur drop	(2)	kPa	16,83	43,35	111,75
Total power input		W	26	32	89
Low speed					
Air flow rate		m ³ /h	184	319	591
♦ Cooling capacity	(1)	kW	1,25	2,35	4
Sensible capacity	(1)	kW	0,84	1,6	2,95
Water flow-rate	(1)	l/h	210	400	690
Water pressur drop	(1)	kPa	4,99	18,22	27,23
♦ Heating capacity	(2)	kW	1,19	2	3,19
Water flow-rate	(2)	l/h	100	170	270
Water pressur drop	(2)	kPa	9,52	29,2	70,91
Total power input		W	14	19	64
Standard power supply		V/n ² /Hz	220-240/1/50		
Type of supply fan	(3)	-	CFG		
No. of supply fan		-	2	2	3
H Sound pressure level	(4)	dB(A)	34	40	50
M Sound pressure level	(4)	dB(A)	25	33	44
L Sound pressure level	(4)	dB(A)	19	24	33
H Sound power level	(4)	dB(A)	47	52	62
M Sound power level	(4)	dB(A)	38	45	56
L Sound power level	(4)	dB(A)	32	37	46

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Airflow with free outlet (0 Pa static pressure)

(1) Entering exchanger water 7°C (temperature differential 5°C) - Ambient air 27°C D.B. / 19°C W.B.

(2) Entering exchanger water 65°C (temperature differential 10°C) - Ambient air 20°C

* RF version available while stocks last

(3) CFG = Centrifugal fan

(4) Sound levels tested in anechoic chamber and referring to units for 2-pipe systems. The sound pressure level refers to 1 m from the external surface of the unit operating in the open field.

REF - DG24L504GB-00

accessories

3V2SX/3V2DX Three-way valve kit for 2-pipe type "on/off" system
(3V2SX for left side fittings / 3V2DX for right side fittings)

3V4SX/3V4DX Three-way valve kit for 4-pipe type "on/off" system
(3V4SX for left side fittings / 3V4DX for right side fittings)

BRVHX Auxiliary condensate collection tray auxiliary for vertical/horizontal installation

KPDX Plinth kit

DCPRX Power interface to control 4 Fancoils for 2-4 systems

HMIFACX KJRP-86R wired controller for on-board or wall installation

BOXX Wall installation with concealed box KJRP-86R

HIDT19X Electro-mechanical thermostat for semi-uncased wall installation with display and built-in temperature probe

Accessories whose code ends with "X" are supplied separately