AURA – Floor / Ceiling Fan Coil Unit

CFF(A)C – CFF(A)U

Product Presentation

CLIVET
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New Floor/Ceiling FCU: AURA

AURA is the new Fan Coil Unit for **high comfort** and **elegant design**.

It introduces a **wide range of selection** to satisfy all needs in **tertiary** as well as **home** installation.

Thanks to its **system controls** and connectivity, the unit is compatible with single, group or centrally managed solutions

New Floor/Ceiling FCU: AURA

DESIGN
The unit design has been studied by **Italian designer** to fit modern and elegant environments, both tertiary and residential

COMPACTNESS
Despite the wide range of available capacities, the unit fit **only 200mm of depth**

Size 1-2: *790*
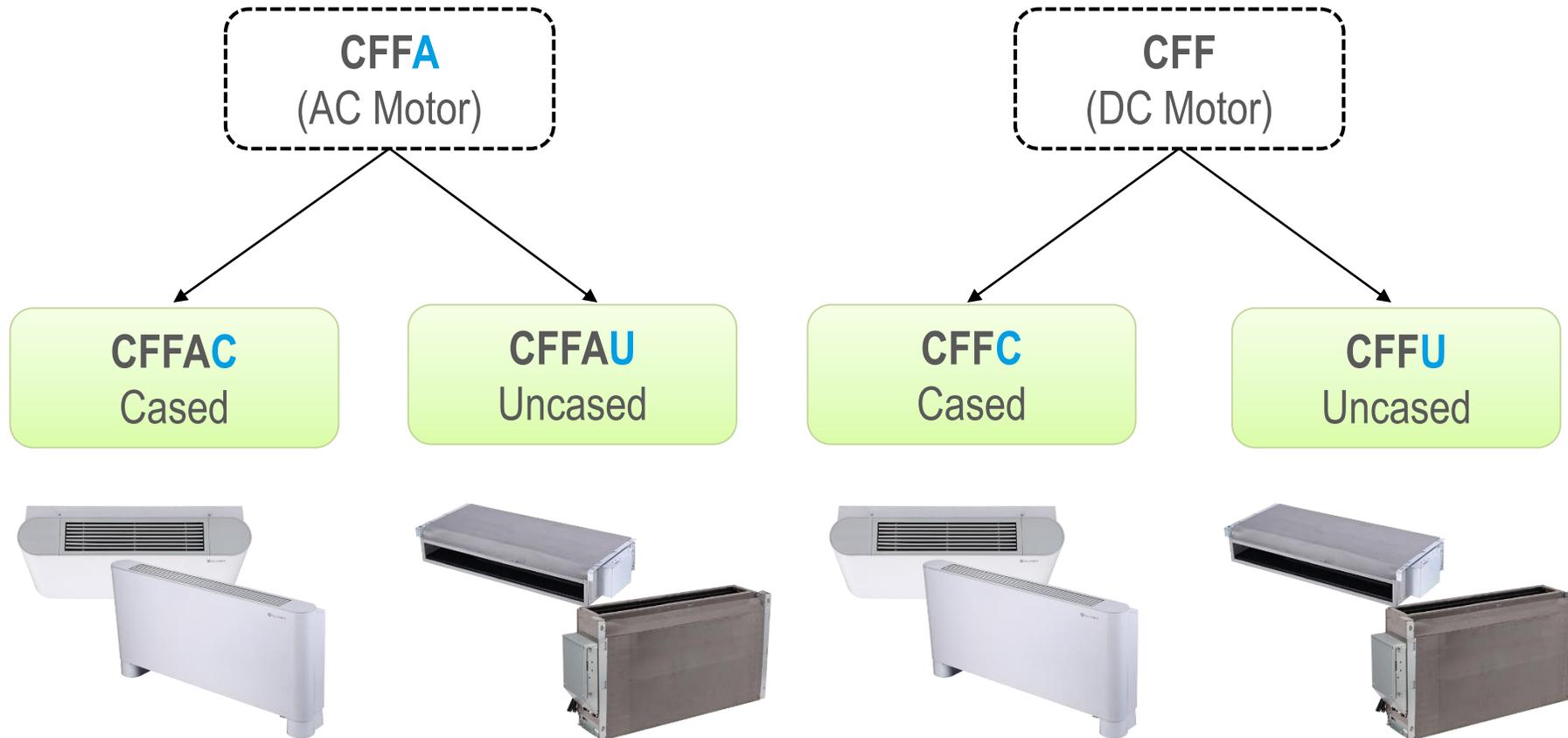Size 3-4: *1.020*
Size 5-8: *1.240*
Size 9-10: *1.360*

495

L

200

Size 11-12

591

1.360

200

Product Range

VERSIONS

AURA is available in **4 different versions**:

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    CFFA                           CFF
   (AC Motor)                     (DC Motor)
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CFFAC	**CFFAU**	**CFFC**	**CFFU**
Cased	Uncased	Cased	Uncased

Product Range

CONFIGURATIONS

AURA is available in a **wide variety of configurations**:

	Floor / Ceiling									
DC Fan Motor						**AC Fan Motor**				
2 pipes			4 pipes			2 pipes			4 pipes	
Cased		Uncased	Cased		Uncased	Cased		Uncased	Cased	Uncased
Bottom intake	Front intake	Bottom intake	Bottom intake	Front intake	Bottom intake	Bottom intake	Front intake	Bottom intake	Bottom intake	Front intake	Bottom intake

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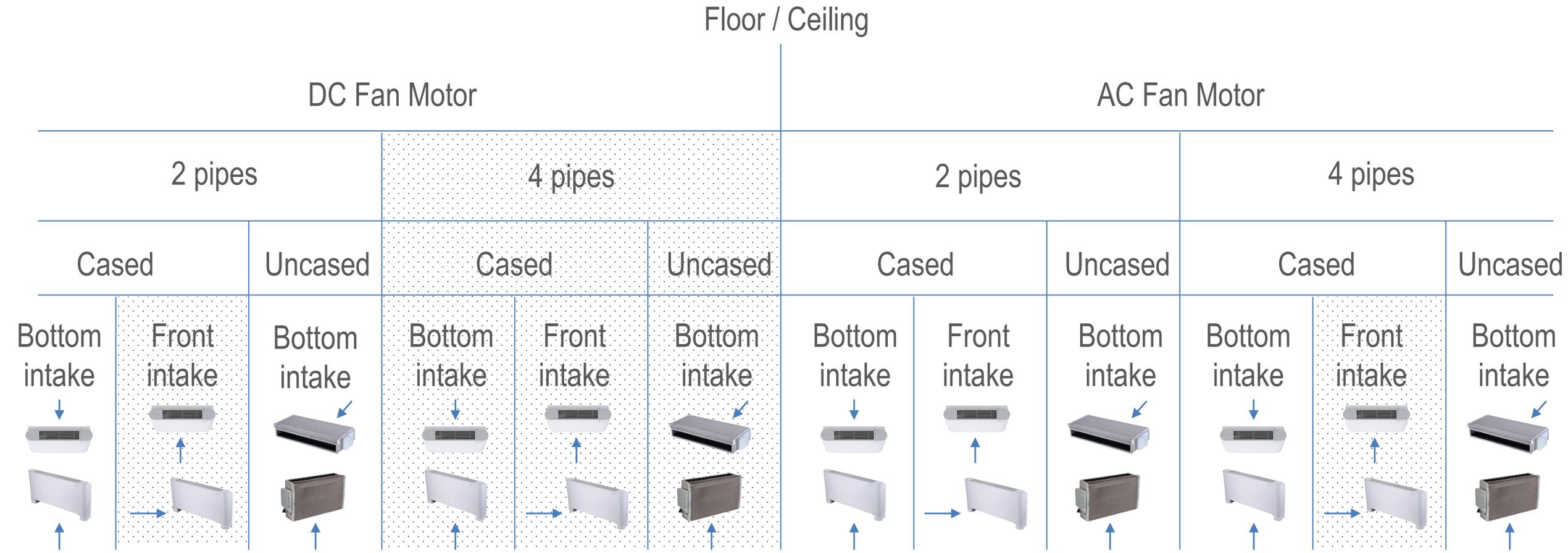
Product Range

CAPACITIES

Wide range of capacities:

AC Fan Motor
(2 pipes)

High Fan Speed Capacity	Size	1	2	3	4	5	6	7	8	9	10	11	12
Cooling	kW	1,65	2,25	2,65	3,05	3,85	4,2	4,65	5,35	6	6,75	7,35	8,25
Heating	kW	1,85	2,35	3,05	3,15	4,1	4,3	5,2	5,7	6,15	7,15	8,2	8,5

DC Fan Motor
(2 pipes)

High Fan Speed Capacity	Size	1	2	3	4	5	6	7	8	9	10	11	12
Cooling	kW	1,5	1,95	2,35	2,85	3,5	3,9	4,3	4,85	5,6	6,35	7,35	8,25
Heating	kW	1,57	2,05	2,6	2,95	3,8	4	4,7	5,25	6	7,05	8,05	8,7

Product Range

CAPACITIES

Wide range of capacities:

AC Fan Motor
(4 tubi)

High fan speed Capacity	Size	1	3	5	7	9	11
Cooling	kW	1,95	2,89	4,09	5,05	6,40	7,65
Heating	kW	1,69	2,45	2,95	3,64	4,65	7,30

DC Fan Motor
(4 tubi)

High fan speed Capacity	Size	1	3	5	7	9	11
Raffrescamento	kW	1,70	2,70	3,80	4,60	6,05	7,65
Riscaldamento	kW	1,40	2,30	2,88	3,35	4,60	7,50

COMPONENTS

Main Components

1. Copper/Aluminum heat exchanger, with hydrophilic coating
2. PCB
3. L shaped drain pan
4. 3/4'' water connections
5. Drain connection (Φ18,5mm)
6. Centrifugal fan
7. Washable filter (G2 class)
8. Galvanized sheet case

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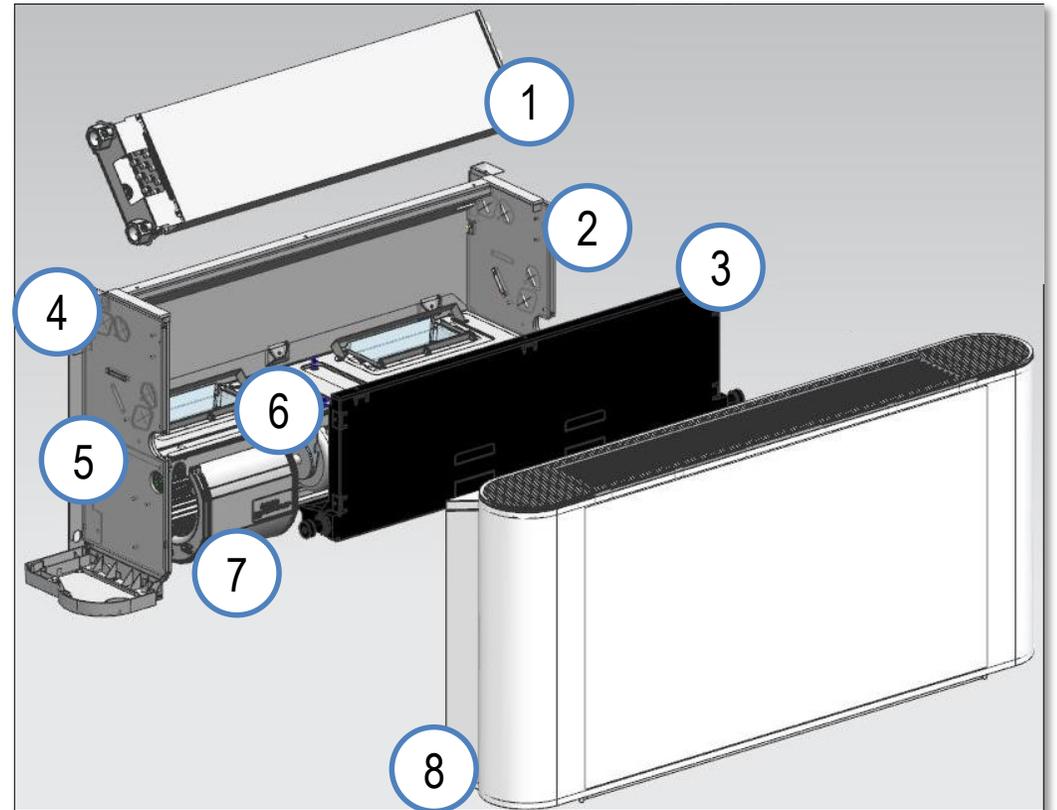
INSTALLATION

The **water connections can be moved** from one side of the unit to the other by simply rotating the heat exchanger.
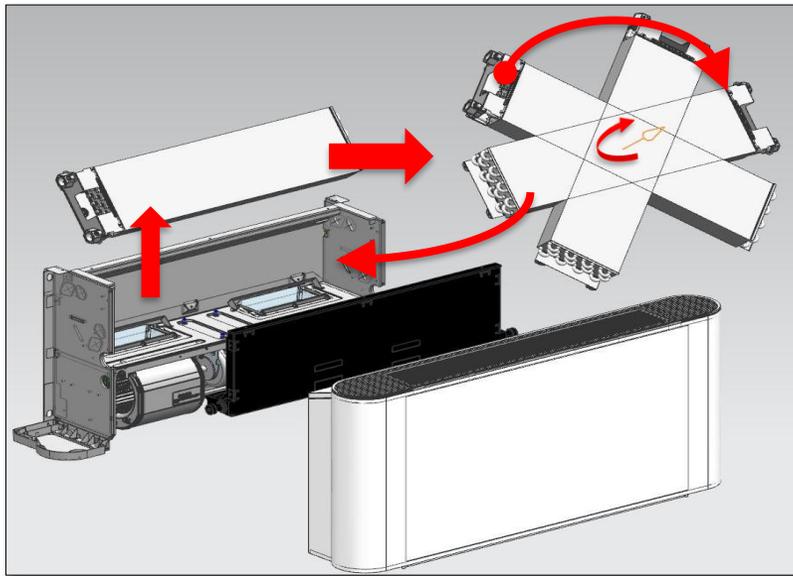
The optional **wired user interface** can be placed **onboard** (both sides) or installed remotely **on the wall**.

Product Specifications

WIRED USER INTERFACE

The unit is compatible with the new optional **wired User Interfaces**, both in DC and AC versions.

Touch screen and **backlit display** allow the best user experience in both onboard and wall installation.

Follow-me function, available for DC Version, allows to move the room temperature reading to the sensor present in the remote control.
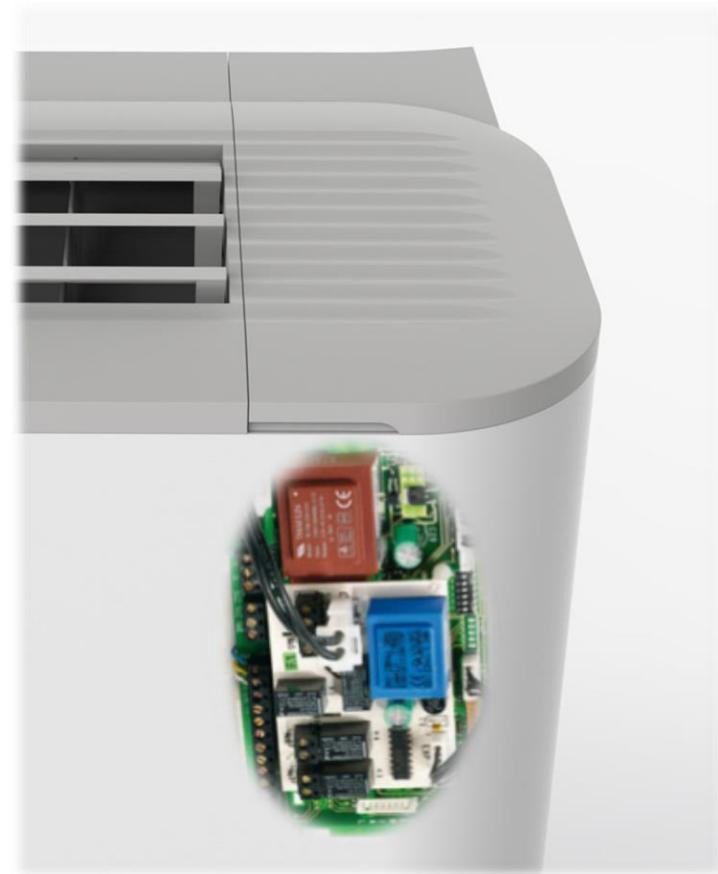
	DC Version KJRP-75	AC Version KJRP-86
Touch key / Backlit	√	√
2 pipes / 4 pipes	√	√
Basic settings	√	√
Nr. Fan speeds	7 + AUTO	3 + AUTO
Follow-Me	√	-
Timer	-	√
Modbus Port	-	√

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Product Specifications

CONTROL FUNCTIONS: DC Version

CFFC and CFFU (DC Versions) are equipped with **electronic board**, which allows the following operations as standard:

- Optional **User interface** KJRP-75

- **0-10V** input for fan speed control

- **On/Off** input with dry contact

- Remote **alarm**

- **ELFOCrontrol**[3] Compatilility

- **Modbus BMS** compatibility

- **Centralized controls** (XYE Port)

- Compatible with KJR-90 (XYE Port)

CONTROL FUNCTIONS: AC Version

CFFAC and **CFFAU** (AC Versions) are equipped with **contact board**, which allows the following operations as standard:

- Optional **User Interface** KJRP-86

- **3 speed** fan control

- **ELFOControl**^{3} compatibility through User Interface Modbus port

- **Modbus BMS** compatibility through User Interface Modbus port

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Accessories

OPTIONAL ACCESSORIES

HMIDCX – User interface KJRP-75 (DC)

EXTENX – Extension cable for KJRP-75 (2m)

BRVHX – Auxiliary drain pan

HMIACX – User interface KJRP-86 (AC)

BOXX – Box for wall installation of KJPR-86
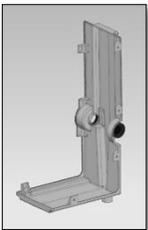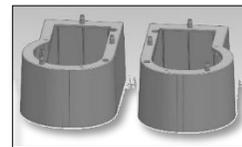
3V2X – On/Off 3 way valve kit 2 pipes
(3V2SX left pipes, 3V2DX right pipes)

3V4X – On/Off 3 way valve kit 4 pipes
(3V2SX left pipes, 3V2DX right pipes)

KDTX – Feet for floor installation

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Accessories

OPTIONAL ACCESSORIES: Only for DC Version

CCM30-B – Centralized control

KJR-90D – Wired user interface

CCM09 – Centralized controls

CCM08 – Bacnet interface

KJR-150A – Group control

CCM180X – Centralized controller with weekly timer 6.2"

LONGW64 – Lonworks interface

CCM270X - Centralized controller with weekly timer 10.1"

Main Features

AURA Main Features:

- **Elegant** and **compact** design

- **AC** and **DC** Version

- Wide nr. **configurations**

- Wide range of **sizes** (1,5-8,5kW)

- Installation **flexibility**

- New optional **User Interface** (onboard/wall installation)

- **ELFOControl³ EVO** compatible

- **Modbus** port standard (DC; AC on optional Interface)

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