add_On
design Satyendra Pakhalé

"In architecture radiators are present as technical components and, as such, are usually neglected from the aesthetic point of view, even though they are among the most important products in the architectural system. So, the first idea that came to my mind was to create a radiator with a very wide surface in order to spread more heat. Furthermore, I wanted to create a radiator that would have the personality of an object and that would fit into the furnishings as an eloquent but discreet presence. I created a system based on a module developed in two directions thanks to four shaped sides that allow further modules to be added on ("add-On") thus creating an infinite radiator".

add_on regular form

The normal add_on model is installed on the wall like a traditional radiator and it has a well defined rectangular shape.

VERSIONS AVAILABLE
- WATER

COLOURS
The add_on model in all its versions is supplied exclusively in RAL 9010 or Glossy Black (code NELC) without any variation in price.

PACKING
The cardboard packing box is included in the price of sale of the products, and it contains the complete wall fixing kit.

CONNECTORS
The add_on model is connected to the heating system with the remote connection Valve and Lockshield (GVR) supplied as an ACCESSORY. To fully understand how to arrange for installation see the GVR connection diagram in page15.

6 cm

18 cm

18 cm

6 cm

6 cm

12 cm

d   i

Inter-axis = L - 36,0 cm

18 cm

6 cm

6 cm

18 cm

18 cm
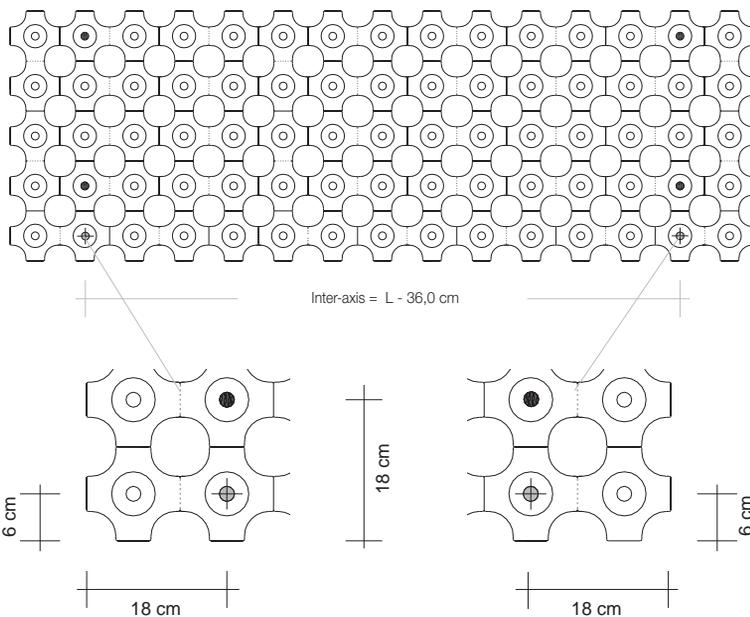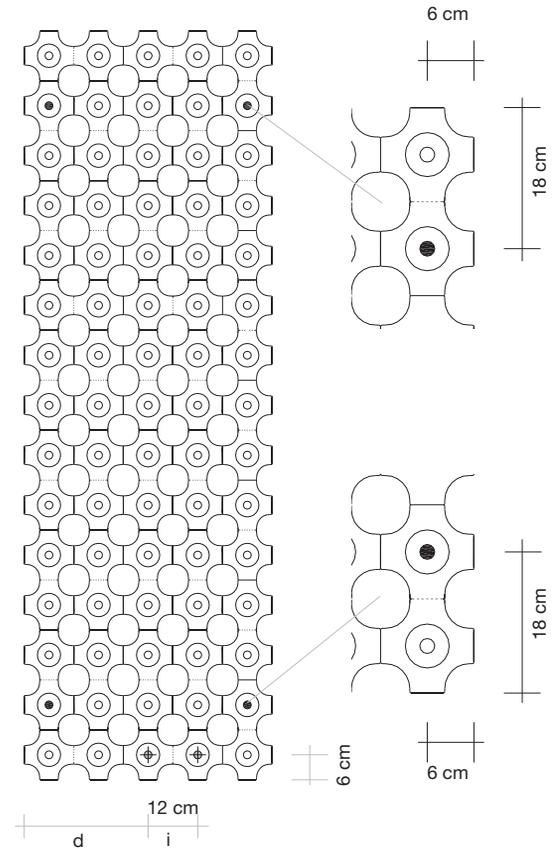
i=   Inter-axis between the connectors for system connection (see GVR connection diagram)

d =   the distance between the left side of the radiator and the centre of the first connector varies according to the width of the radiator, specifically:
      L. 36 and 48 cm d = 18 cm
      L. 60 and 72 cm d = 30 cm
      L. 84 and 96 cm d = 42 cm

●   Position of wall fixing support

⊕   Position of connector for connecting to the system (see GVR connection diagram)

The drawing above represents the front view of the radiator, the position of the connectors for connection to the water system and the supports for wall fixing are clearly indicated.

add_on regular form

Watt = Kcal/h ÷ 0,860
Kcal/h = Watt x 0,860

VERTICAL

Code	Width (cm)	120 Watts ΔT 50°C	120 Price (€)	144 Watts ΔT 50°C	144 Price (€)	168 Watts ΔT 50°C	168 Price (€)	192 Watts ΔT 50°C	192 Price (€)	216 Watts ΔT 50°C	216 Price (€)	240 Watts ΔT 50°C	240 Price (€)
AD_R#	36,0	410		494		579		665		752		839	
	48,0	534		644		754		866		979		1093	
	60,0	651		785		920		1057		1195		1334	
	72,0	762		919		1077		1237		1399		1562	
	84,0	866		1045		1225		1407		1591		1777	
	96,0	964		1163		1364		1567		1772		1979	

Header: **Height** over the size columns.

HORIZONTAL

Code	Height (cm)	120 Watts ΔT 50°C	120 Price (€)	144 Watts ΔT 50°C	144 Price (€)	168 Watts ΔT 50°C	168 Price (€)	192 Watts ΔT 50°C	192 Price (€)	216 Watts ΔT 50°C	216 Price (€)	240 Watts ΔT 50°C	240 Price (€)
AD_RO#	36,0	410		494		579		665		752		839	
	48,0	534		644		754		866		979		1093	
	60,0	651		785		920		1057		1195		1334	
	72,0	762		919		1077		1237		1399		1562	
	84,0	866		1045		1225		1407		1591		1777	
	96,0	964		1163		1364		1567		1772		1979	

Header: **Width** over the size columns.
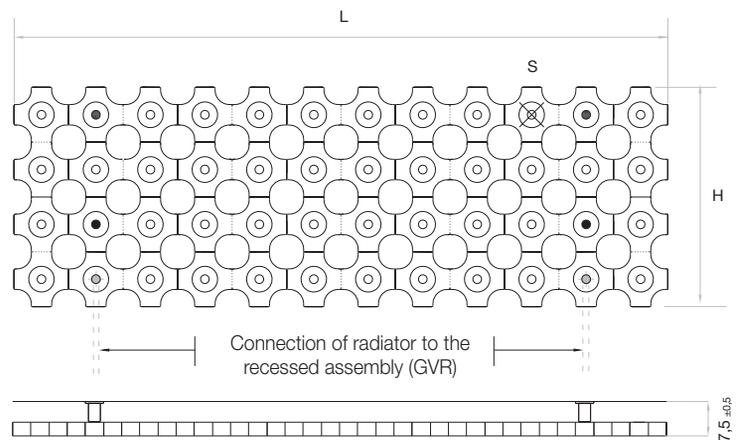
Valve assembly for remote connection (GRV)
Includes the complete Valve and Lockshield assembly for remote connection (GVR), can be installed up to a maximum distance of 6 metres from the radiator.

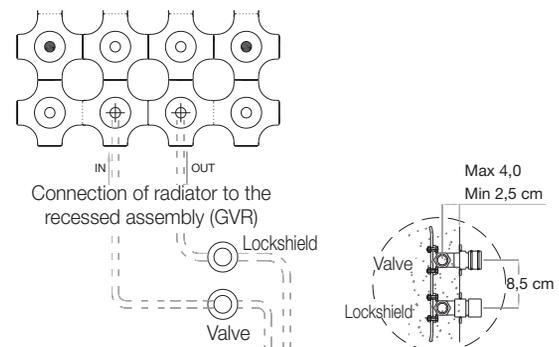| Model	Description	Colour	Price (€)
GVR_AD#19010	RECESSED valve and lockshield assembly for remote connection for add_On	white ral 9010	
GVR_AD#1NELC	RECESSED valve and lockshield assembly for remote connection for add_On	brilliant black	

VERTICAL (cod. AD_R)

Connection of radiator to the recessed assembly (GVR)

7,5 ±0,5

HORIZONTAL (cod. AD_RO)

Connection of radiator to the recessed assembly (GVR)

7,5 ±0,5

GVR connection diagram

IN OUT
Connection of radiator to the recessed assembly (GVR)
Lockshield
Valve
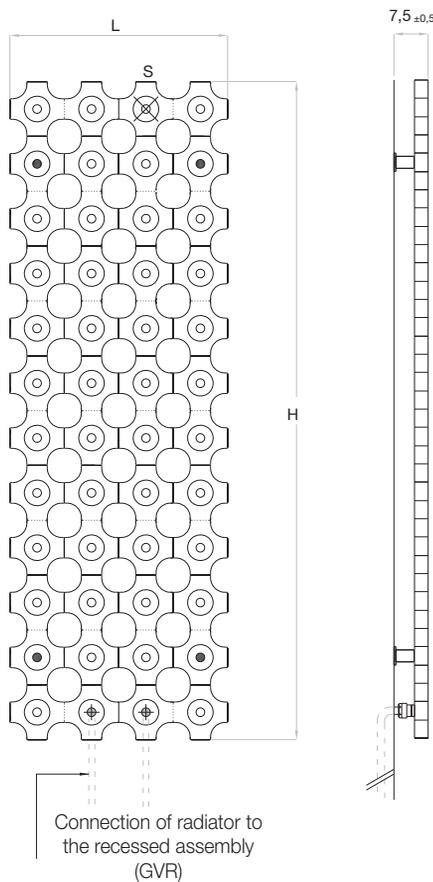
Max 4,0
Min 2,5 cm
Valve
Lockshield
8,5 cm

Connection of recessed assembly - remote valve assembly (GVR) - to the system

add_on free shape

VERSIONS AVAILABLE
- WATER

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PACKING
The cardboard packing box is included in the price of sale of the products, and it contains the complete wall fixing kit.
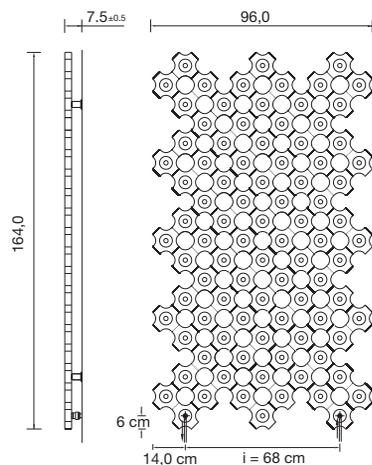
CONNECTORS
The add_on model is connected to the heating system with the remote connection Valve and Lockshield (GVR) supplied as an ACCESSORY. To fully understand how to arrange for installation see the GVR connection diagram in page15.
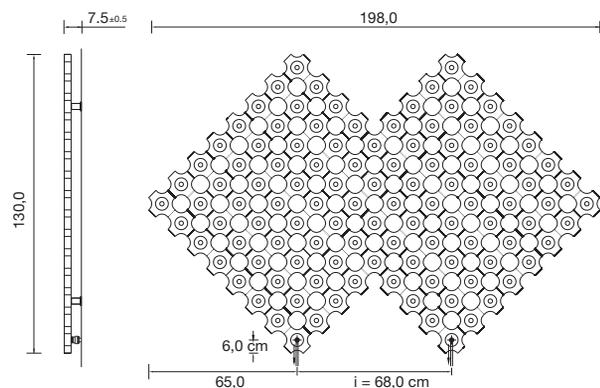
L1 free form
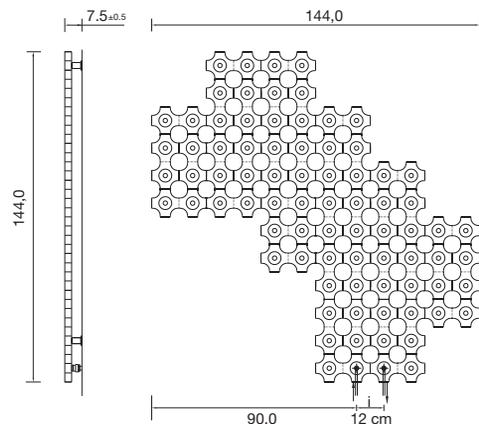
Code	H (cm)	L (cm)	Watts ΔT 50°C Coloured version	Price (€)
AD_F#01	144,0	144,0	969	

L4 free form

Code	H (cm)	L (cm)	Watts ΔT 50°C Coloured version	Price (€)
AD_F#04	164,0	96,0	1120	

L3 free form

Code	H (cm)	L (cm)	Watts ΔT 50°C Coloured version	Price (€)
AD_F#03	130,0	198,0	1371	

The drawings above represent the front view of the radiator, the position of the connectors for connection to the water system are clearly indicated.

add_on recessed version
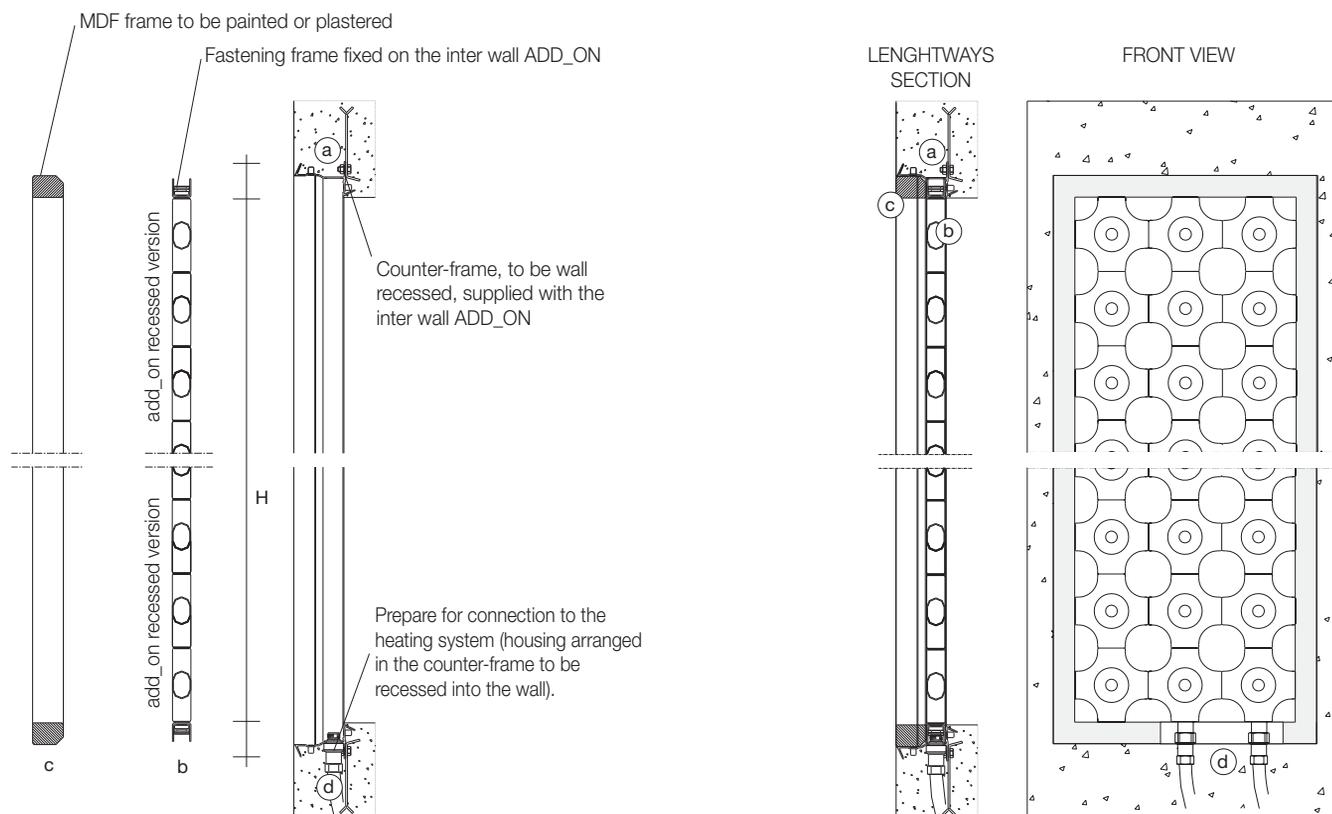
Watt = Kcal/h ÷ 0,860
Kcal/h = Watt x 0,860

The add_on inter wall model is a special model installed inside a wall like a partition or something similar to a window between two areas. To mount this model you need to install a counter-frame (included in the price) when the brickwork is not finished (still not coated with plaster). After having arranged for installation and completed the wall finish you can install the model and properly connect it to the heating system. You can mount and remount the radiator at any time by simply disassembling the MDF frame (unpainted).

VERTICAL

Height		120		144		168		192		216		240	
Code	Width (cm)	Watts ΔT 50°C	Price (€)	Watts ΔT 50°C	Price (€)	Watts ΔT 50°C	Price (€)	Watts ΔT 50°C	Price (€)	Watts ΔT 50°C	Price (€)	Watts ΔT 50°C	Price (€)
AD_RI#	36,0	410		494		579		665		752		839	
	48,0	534		644		754		866		979		1093	
	60,0	651		785		920		1057		1195		1334	
	72,0	762		919		1077		1237		1399		1562	
	84,0	866		1045		1225		1407		1591		1777	
	96,0	964		1163		1364		1567		1772		1979	

HORIZONTAL

Width		120		144		168		192		216		240	
Code	Height (cm)	Watts ΔT 50°C	Price (€)	Watts ΔT 50°C	Price (€)	Watts ΔT 50°C	Price (€)	Watts ΔT 50°C	Price (€)	Watts ΔT 50°C	Price (€)	Watts ΔT 50°C	Price (€)
AD_ROI#	36,0	410		494		579		665		752		839	
	48,0	534		644		754		866		979		1093	
	60,0	651		785		920		1057		1195		1334	
	72,0	762		919		1077		1237		1399		1562	
	84,0	866		1045		1225		1407		1591		1777	
	96,0	964		1163		1364		1567		1772		1979	

MDF frame to be painted or plastered

Fastening frame fixed on the inter wall ADD_ON

add_on recessed version

add_on recessed version

H

Counter-frame, to be wall recessed, supplied with the inter wall ADD_ON

Prepare for connection to the heating system (housing arranged in the counter-frame to be recessed into the wall).

LENGHTWAYS SECTION

FRONT VIEW

Inter wall mounting
1. install the add_on counter-frame (a) in the un-plastered wall, carefully following the installation instructions
2. Arrange for connection to the heating system (d)
3. Mount the add_on with fixing frame (b) in the counter-frame (a).
4. Connect the add-on to the connection arrangement of the heating system (d)
5. Mount the MDF cover and fastening frame(c) of inter wall add_on
6. Paint the MDF frame (c) or plaster with the required wall finish.

CONNECTOR DIAGRAMS
The add_on inter wall model has the same choice of connectors as the normal add_on model. For inter-axes and connection diagrams refer to the charts in page 14.