Hudevad Mundum

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Technical datasheet

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Key benefits

Minimalistic Scandinavian design
Matches any architecture

Flat front and no holes or openings
Does not allow for hidden dust to build up and is extremely easy to clean

Completely sealed against the wall
No removable parts, making it highly durable and completely tamper-proof

Painted in powder coating with special micro-grain finish
Minimal structure in surface to prevent microbial bacteria from building up.

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Description

Hudevad Mundum is one of the most hygienic radiators on the market and is an architectural asset to any healthcare facility. With its clean and timeless design, Mundum can be incorporated seamlessly into the interior. Hudevad Mundum is usually installed on the wall and sealed off so that there are no open spaces for dust and bacteria to gather. It also has the option of being built into a wall niche for an even more hygienic and safe solution.

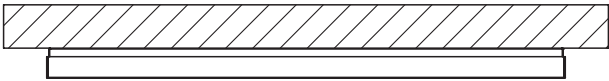|	
Material	Flat panels in 2 mm steel plate acc. to EN 10051, EN 10130, DIN 2395
	Water-filled panel: In 1,25 mm steel plate acc. to DIN 2395
	PureSound insulation: "Class 1" fire approval in compliance with BS476 and B2 cf. DIN 4102 **No CFC, HCFC, formaldehyde**
Test pressure	13 bar
Max. operating pressure	10 bar - EN 442
Max. operating temperature	95°C
Surface treatment	Powder coated acc. to DIN 55900, EN 442 Surface treatment in accordance with DIN 55900 and EN 442
Length	400-2500 mm in increments of 100 mm
Height	300, 400, 500, 600, 700 and 1000 mm
Depth	70 mm
Tappings	1/2" standard
Installation	Wall mounted Installation frame, insulation, 2 x 330 mm flex hoses, 2 x 1/2" male - 1/2" male 90° angle brass connections and automatic air vent included
Colour	Front: Powder coated in white RAL 9016, gloss 70 Frame: Powder coated in light grey RAL 7045, gloss 70 Powder paint with high UV resistance Option: Painted in other standard RAL and BS colours

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Illustration
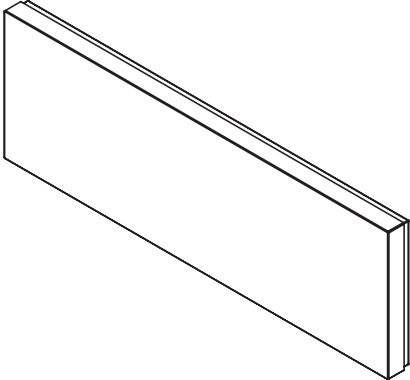
Front incl. frame
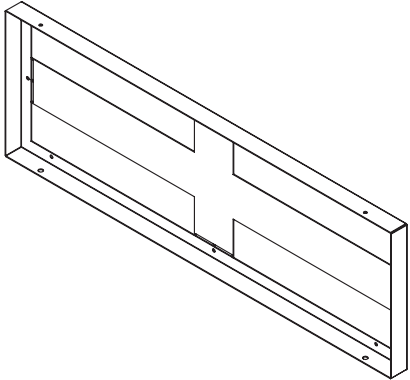
Frame

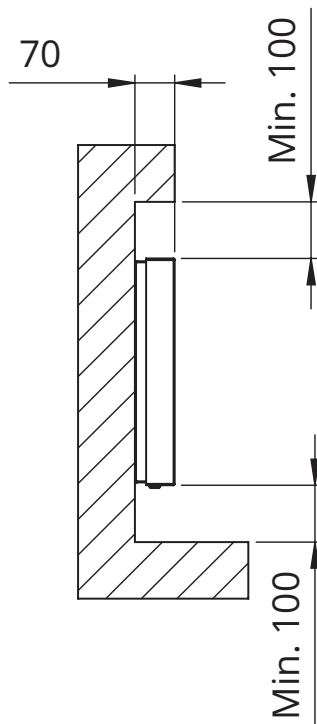## Installation examples, top view

Wall mounting

Recessed into wall

Dimensions

Height and length

L:400-2500

H:300-700, 1000

Frame, front view

L-10

H-10

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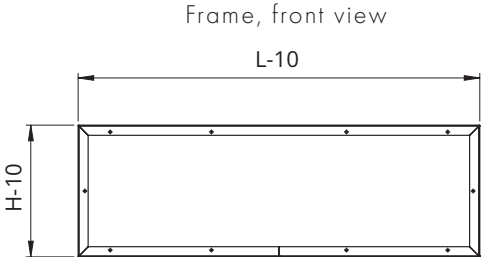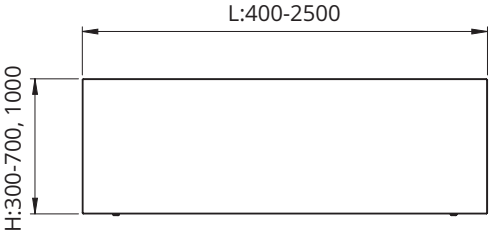
Build-in dimensions

70   Min. 100

Min. 100

Installation description

Mundum is a cleaning-optimised heat emitter that prevents convection behind the heat emitter and dust deposits on inaccessible surfaces. Moreover, all joints and connections are optimised thus reducing the cleaning and maintenance requirements to a minimum compared with traditional heat sources.

Mundum is fitted with an installation frame. Place the frame on the wall where the heat emitter is to be installed. Use screws and plugs as required for the actual wall type. Check the drawings under "Tapping designation" to see where to position the wall sockets in relation to the frame.

The installation frame is fitted with PureSound foam for thermal insulation between the heat emitter and the finished wall, thus preventing unnecessary heat loss. In addition, this type of foam will adapt to components mounted behind the heat emitter.

Fit the special air vent (included) to one of the upper ½" tappings on the heat panel. The air vent is "fully automatic", i.e. it bleeds automatically when being put into use – and on demand. This will minimise the maintenance requirements and consequently the accessibility required.

Use the nipples and flexhoses in high density armored medical silicone included to connect the heat emitter front to the wall sockets. Use ordinary cutting tools to cut the holes required for passing the hoses through the foam.

The upper part of the heat panel is fitted with 2 metal studs that fit into the 2 corresponding holes in the installation frame. Swing the heat panel into place and secure it from the bottom with the 2 screws included.
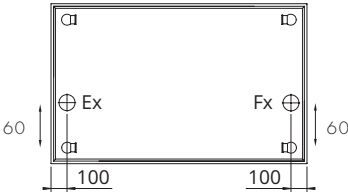
Now the heat emitter is ready for use.

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Output

| Height, mm | Output | | | Water content | Weight |
	W/metre 75°/65°/20°	W/metre 70°/40°/20°	W/metre 60°/40°/20°	litres/ metre	kg/ metre
300	192	121	100	1.5	12.4
400	254	161	132	2.0	15.8
500	312	198	162	2.5	19.2
600	372	236	193	3.0	22.7
700	432	274	225	3.5	26.0
1000	630	399	327	5.0	36.3

Tappings

Tapping designation

Flow Ex/Fx, return Fx/Ex

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