

INSTALLATION GUIDELINES

STEP 6: Drill the holes with a **6mm** drill bit with a minimum depth of **45mm**. Please make sure you don't drill through existing plumbing or electrical wiring.

STEP 7: Insert the nylon wall plugs in the drilled holes and attach the metal installation brackets with the 40mm screws.

STEP 8: In case the heating panel is installed over an existing flush box or wall socket the power cord can now be connected. Please ensure the electricity is switched off before proceeding.

STEP 9: Position the aluminium knob on the back of the heating panel just above (wall mounting) or just in front of (ceiling mounting) the mounting bracket and slide the aluminium knob inside the metal mounting bracket with limited force. If necessary you can adjust the aluminium knob 1 or 2mm (it is threaded) to ease sliding it in the mounting bracket.

STEP 10: Ensure the aluminium knobs are fully inserted into the metal brackets. You can check this by ensuring there is no room left to move to the front, rear or either sides of the heating panel.

FIRST USE

Infrared heating does not work following the principle of convection, but is radiant. When you switch on the heating panel for the first time it might be necessary to allow for a heat-up period for cold objects (like furniture, walls, ceilings, floors). In case the heating effect is not noticeable within 15 minutes it is advised to leave the heating on permanently for 1 to 2 days to allow all objects in the volume to collect and absorb the generated heat. After the first warm up period the comfortable heat will be noticed almost immediately when used on a daily basis.

To optimize efficiency, energy consumption and use it is advised to make use of the high quality wireless thermostats and automation solutions from Degree-n.

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CE IP56 RoHS

CHECK THE BOX FOR THE FOLLOWING INSTALLATION COMPONENTS



ENGLISH



DEGREE-N W-SERIES
USER MANUAL

THANK YOU FOR YOUR PURCHASE

Congratulations with the purchase of your Degree-n nano infrared heating panel and thank you for your trusting our product. You have chosen a very high quality and energy friendly infrared heating product. Our panels are produced in the Netherlands and proven by the required product safety and quality certification marks for the European market. To enable you to get the most out of our products we recommend reading this user manual carefully and keep it available as long as you own or use the product.

USE AND SAFETY



Degree-n infrared heating is not suitable for outdoor use. Use the heating panel and its accessories solely for its intended purpose.



The heating panel reaches a surface temperature of approximately 95°C. Avoid direct contact with the surface. Long term contact can cause skin burn.



Do not bring the heating panel in contact with water or other fluids.



Do not place any objects on top of the panel. Do not cover the front of the heating panel. Do not place any objects directly in front of the heating panel.



Keep children away from the heating panel to avoid direct contact.



The heating panel may only be used in combination with alternating current of 230V and a frequency of 50/60Hz.

The heating panel is only suitable as main or secondary heating for closed rooms and volumes. Inadequate use of the heating panel can cause damage to humans, animals or the environment. Do not use the heating for cooking.

The heating panel can be used by children over 8 years of age and by persons with limited physical, sensory or mental conditions and/or limited experience or knowledge as long as they are under supervision or are instructed about safe use of the product.

The heating panel is equipped with a high quality glass or ceramic front plate. In case of product damage the front plate will have a very limited to zero chance of injury. Avoid mechanical pressure on the front plate. In case of damage, it is advise to disconnect the heating panel from the power source.

INSTALLATION

The Degree-n nano infrared heating panel should only be installed by using the original installation components. Degree-n is not responsible for direct or indirect damage caused prior, during or after installation of the heating panel.

In case the heating panel is connected directly to a flush-mounted box or wall socket the installation may only be done by authorized personnel with adequate qualifications.

The heating panel should be installed at a minimum height of 120cm above the floor in rooms and volumes where children could have access. When mounted to the ceiling a minimum height of 180cm is required.

Install or remove the heating panel only when it is switched off and has cooled down.

Do not drill additional holes in the heating panel as it will damage the product and make it unfit for use.

MAINTENANCE AND WARRANTY

Ensure the heating panel is cooled down and switched off before cleaning the heating panel.

The heating panel may never be cleaned under running water or by submerging it into water.

The heating panel can be cleaned with a fine dry or moist cloth or towel. Avoid using abrasives, chemicals and or other aggressive detergents.

Repairs may only be carried out by manufacturer or authorized partners. In case of damage or defects please contact your dealer.

Degree-n nano infrared heating products may **not** be disposed of using regular household waste management. It should be handled by specific waste management stations where recycling can take place.



INSTALLATION GUIDELINES

STEP 1: Check whether all installation parts are present (see rear of this leaflet).

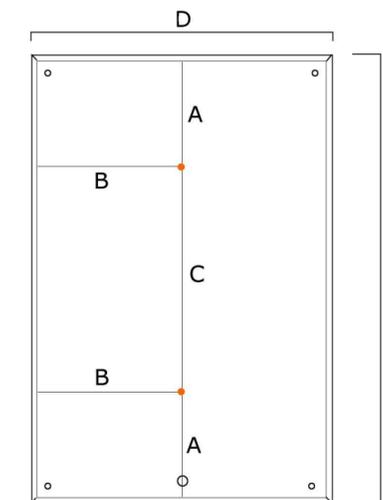
STEP 2: Determine the desired position of the heating panel on the wall or ceiling.

Consider the following facts about the heating panel:

- it has a direct radiation radius of 160°
- it has a direct radiation distance of 4.50m
- it may not be covered
- the radiation may not be blocked or obstructed by placing objects close to the surface

STEP 3: Determine the position of the holes to drill according to the table below:

When installing the panel to the ceiling, two mounting brackets are required. When installing the panel on the wall one mounting bracket can suffice, however, two are recommended.



Type	Model				
	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)
W100	215	149	136	595	297,5
W200	150	297	295	595	595
W300	215	297	432	595	892,5
W500	215	297	732	595	1192,5

STEP 4: Mark the holes to drill using the mounting bracket as a template.



STEP 5: Ensure the holes are level or exactly horizontal/vertical to each other.