

HYBRO
TECHNOLOGIES

electric heating

HYBRIDTM

HYBRIDTM

warmth becoming stylish

Welcome to the world where technology brings comfort, emphasizing the unique style of your home.

Having created the HYBRID ceramic panel, we have made a revolution in the field of heating.

Vladyslav Sushko

The founder of HYBRO Technologies

"If you want to know what heating system is to be in demand in
the next 10 years, just look at this one"

hybrid



HYBRID 375 (ivory)



HYBRID 420 (ivory)



HYBRID 550 (ivory)



HYBRID 375 (black)



HYBRID 420 (black)



HYBRID 550 (black)







HYBRID 375

ivory

These low-power panels are recommended to be placed in small rooms, the most popular combination is horizontal (in pairs), with a vertical arrangement the top panel is a decorative element at the same time.

POWER	375 W
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SIZE	600 x 600 x 12 mm
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COLOUR	ivory*
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Operating frequency	50-60 Hz
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Voltage	230 V
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Weight	10 kg
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Casing	Metal
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Surface	Ceramics
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Protection degree	IP44
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Operating temperature	70°C
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* Other colour variants are possible









HYBRID 420

ivory

High-power panels are recommended to be installed in medium-sized rooms, the model provides a horizontal montage for low window sills. The best option is to combine two panels of a given size.

POWER	420 W
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SIZE	450 x 900 x 14 mm
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COLOUR	ivory*
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Operating frequency	50-60 Hz
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Voltage	230 V
---------	-------

Weight	13 kg
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Casing	Metal
--------	-------

Surface	Ceramics
---------	----------

Protection degree	IP44
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Operating temperature	70°C
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* Other colour variants are possible









HYBRID 550

ivory

It is recommended to install these maximum power panels in large, spacious rooms, both horizontally and vertically, the best combination option is the HYBRID 375 model.

POWER	550 W
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SIZE	600 x 900 x 15 mm
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COLOUR	ivory*
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Operating frequency	50-60 Hz
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Voltage	230 V
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Weight	18 kg
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Casing	Metal
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Surface	Ceramics
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Protection degree	IP44
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Operating temperature	70°C
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* Other colour variants are possible









HYBRID 375

black

These low-power panels are recommended to be placed in small rooms, the most popular combination is horizontal (in pairs), with a vertical arrangement the top panel is a decorative element at the same time.

POWER	375 W
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SIZE	600 x 600 x 12 mm
------	-------------------

COLOUR	black*
--------	--------

Operating frequency	50-60 Hz
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Voltage	230 V
---------	-------

Weight	10 kg
--------	-------

Casing	Metal
--------	-------

Surface	Ceramics
---------	----------

Protection degree	IP44
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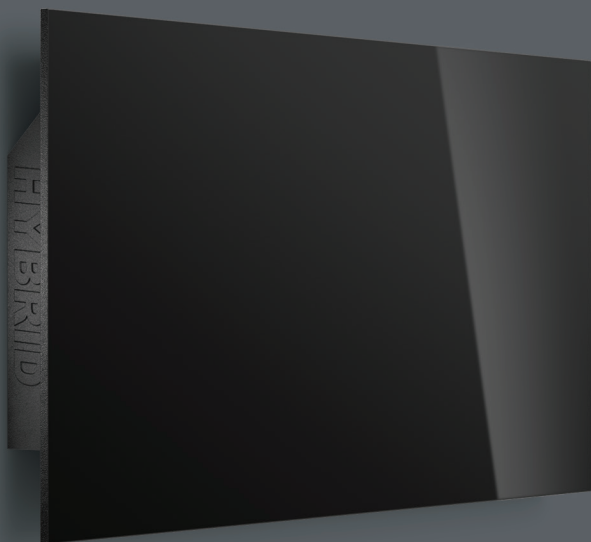
Operating temperature	70°C
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* Other colour variants are possible









HYBRID 420

black

High-power panels are recommended to be installed in medium-sized rooms, the model provides a horizontal montage for low window sills. The best option is to combine two panels of a given size.

POWER	420 W
-------	-------

SIZE	450 x 900 x 14 mm
------	-------------------

COLOUR	black*
--------	--------

Operating frequency	50-60 Hz
---------------------	----------

Voltage	230 V
---------	-------

Weight	13 kg
--------	-------

Casing	Metal
--------	-------

Surface	Ceramics
---------	----------

Protection degree	IP44
-------------------	------

Operating temperature	70°C
-----------------------	------

* Other colour variants are possible









HYBRID 550

black

It is recommended to install these maximum power panels in large, spacious rooms, both horizontally and vertically, the best combination option is the HYBRID 375 model.

POWER	550 W
-------	-------

SIZE	600 x 900 x 15 mm
------	-------------------

COLOUR	black*
--------	--------

Operating frequency	50-60 Hz
---------------------	----------

Voltage	230 V
---------	-------

Weight	18 kg
--------	-------

Casing	Metal
--------	-------

Surface	Ceramics
---------	----------

Protection degree	IP44
-------------------	------

Operating temperature	70°C
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* Other colour variants are possible



OPERATING PRINCIPLE

A HYBRID ceramic heating panel combines two types of heating — infrared and convection. Thereby ideal conditions can be achieved — fast warming of the air and objects in the room.

A panel with a temperature of 65-70°C is an effective infrared thermal source operating in the long-wave range of 7-14 μm . Convection heat flow is formed between the wall and the panel, the back side of which is heated to 80-85°C. A high level of thermal efficiency reduces heating costs several times.

Effective even heating of the rooms provides the use of low-power panels, which are installed in the greatest heat loss zones. When heating the room with the HYBRID system, it is possible to distribute heat sources correctly, in order to avoid the excessively cold or hot zones.

CONSTRUCTION

Panels are made of natural ceramics with high heat accumulation characteristics and slow heat transfer after the device is turned off. Ceramics is an ideal material for the transmission of the far-infrared waves.

HYBRID panels are monolithic devices with maximum durability. The calibrated ceramics is hermetically fixed in the device casing with the eco-friendly compound.

The polymer coated casing is made of a special width metal.

A flexible thermal cable is used as the heating element, inserted between the casing and ceramics. This cable is heat-resistant and outperforms traditional heating elements. It has a relatively low surface temperature, which ensures a long useful life.

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