



TESY



HEATING AND AIR CARE



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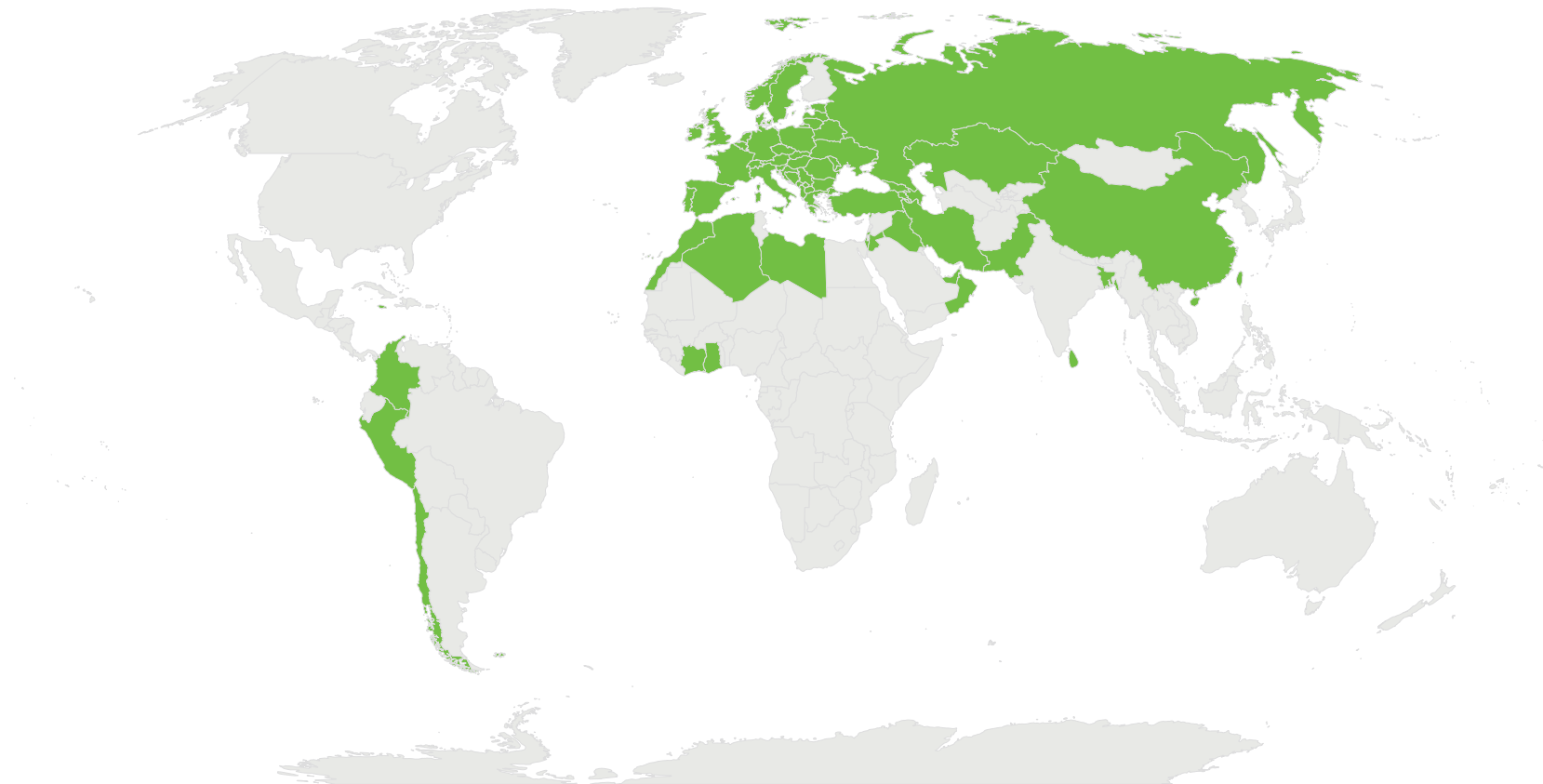


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ABOUT TESI



MORE THAN
60 COUNTRIES

4 CONTINENTS

MORE THAN
1050 EMPLOYEES

4 FACTORIES

ABOUT TESI

TESI is one of the leading European producers of **electric storage water heaters, indirectly heated water tanks, electric heating appliances and heat pump solutions.**

In the last decade TESI showed a rapid development and introduced to the world a wide range of cutting-edge products and patented solutions that meet the current requirements for energy efficiency and environmental protection.

The company continues its growth by investing in the latest technologies, production capacity and new products.

Since October 2017, TESI has been an official member of the EHPA (European Heat Pump Association), which aims to provide technical and financial support to European, national and local authorities on legislative, regulatory and energy efficiency matters.

TESI is also member of the European Technical Commission, that works directly on the development of European regulations regarding energy efficiency, for which we carry out laboratory tests and analyses of electric water heaters in order to verify and validate the methodology, described in the European regulations.



We set our hearts and minds on bringing warmth into your life.

Raising the bar in our industry, to be globally recognised as a leader of innovation and design in hot water and heating solutions. More comfort with a single touch.



PASSION

We are a passionate team of enthusiastic professionals with ambitious goals. Leading by example, we create a culture that inspires people to go the extra mile. We put our hearts and minds in everything we do to embrace dynamic change.

INNOVATION

TESY people are open-minded, eager to learn and inspired to create. Challenging the status quo, we employ the latest technologies in supreme functionality and impressive design.

TRUST

The shared vision for openness and integrity is the core virtue of TESI's long-term partnerships. Supportive, loyal and trustful, we offer reliable products and service quality with respect for the individual.



AirSafe TECHNOLOGY

Breathe Cleaner Air. Every Day.

Up to 98% fewer airborne viruses and bacteria while heating your home.*

CLEANER AIR MEETS EVERYDAY COMFORT

AirSafe is TESI's patented air purification technology, designed to work seamlessly within selected electric convectors. By combining an advanced UVA module with the heating element, AirSafe helps reduce airborne viruses and bacteria while delivering comfortable and efficient heating. The result is a healthier indoor environment and greater peace of mind for you and your family.



WHY CHOOSE AIRSAFE?

- Up to 98% reduction of airborne viruses and bacteria*
- Continuous air purification during heating
- Safe for people and pets
- Patented TESI technology
- Ideal for homes, bedrooms, children's rooms and home offices

HOW IT WORKS?

Room air enters the convector. The air passes through the AirSafe purification zone. The UVA module works in combination with the heating element. Purified warm air is released back into the room.

Results are from a research, conducted by internationally recognized certified laboratory.

*Report about research of the electric convector's impact over viruses: t° of the environment: 23–25°C, relative air humidity: 50–60%. The experiment took place in a room with total volume of 1 m3. Convector settings: Comfort Mode and 30°C. Test was conducted for Influenza A virus A/PR8/34 H1N1. Report about research of the electric convector's impact over bacteria: t° of the environment: 20–25°C, relative air humidity: 50–70%. The experiment took place in a room with total volume of 10 m3. Convector settings: Comfort Mode and 30°C. Test was conducted for Staphylococcus albus 8032 bacteria. In order for AirSafe function to be properly working, the environment temperature must be lower than the temperature set on the convector.

**Report about research of the electric convector's impact over harmful substances emission (ozon). Results are from a research, conducted by internationally recognized certified laboratory. AirSafe is a patented technology, according to European Patent Specification EP 3 878 480 B1



Use Your Voice. TESI Will Listen.

Smart comfort, now voice-controlled MyTesy Works with Google Home.



MyTESY is an application for smartphones, tablets and computers allowing you to operate your TESI appliances anywhere all over the world. It is incorporated in products with a built-in Wi-Fi module, connected to your home wireless network. The software is flexible and easy to connect and use enabling you to programme and monitor the performance and efficiency of your TESI appliance.



Comfort

You can set a desired temperature when being at home. Once set and the function is switched on, the appliance will keep the same room temperature. Please note that the temperature is set at 23°C by default.



Eco

You can set a desired temperature when being out of home. Once set and the function is switched on, the appliance will keep the same room temperature. Please note that the temperature is set at 18°C by default. You can also set the time when the appliance should switch to 'Comfort' mode.



Sleep

Two hours after activation, the convector decreases the set temperature in 'Comfort' mode with 3°C. You can set the duration of 'Sleep' mode after which the appliance will switch to Comfort mode. Please note that the default setting is 6 hours.

Other useful MyTESY functions are:

Energy Calculator

Calculates and provides statistics on the electric energy consumption.

Weekly programmer 24/7

It allows you to set a weekly operating program per day and hour according to your needs and habits, thus having the expected comfort when you need it, meanwhile saving energy.

MYTESY Works with Google Home

The MyTESY app is certified "Works with Google Home," ensuring seamless integration into your smart home ecosystem.

By linking your MyTESY account to Google Home, you can control your TESI Cloud appliances using Google Assistant or Google Gemini - either through voice commands or directly from your mobile device.

This integration allows you to:

- manage your TESI Cloud appliances hands-free
- connect them with other smart home devices
- create automated routines tailored to your lifestyle
- share access with family members for greater flexibility

Whether preparing your home before you arrive or fine-tuning your comfort with a simple command, TESI and Google Home work together to deliver a smarter, more connected living experience.



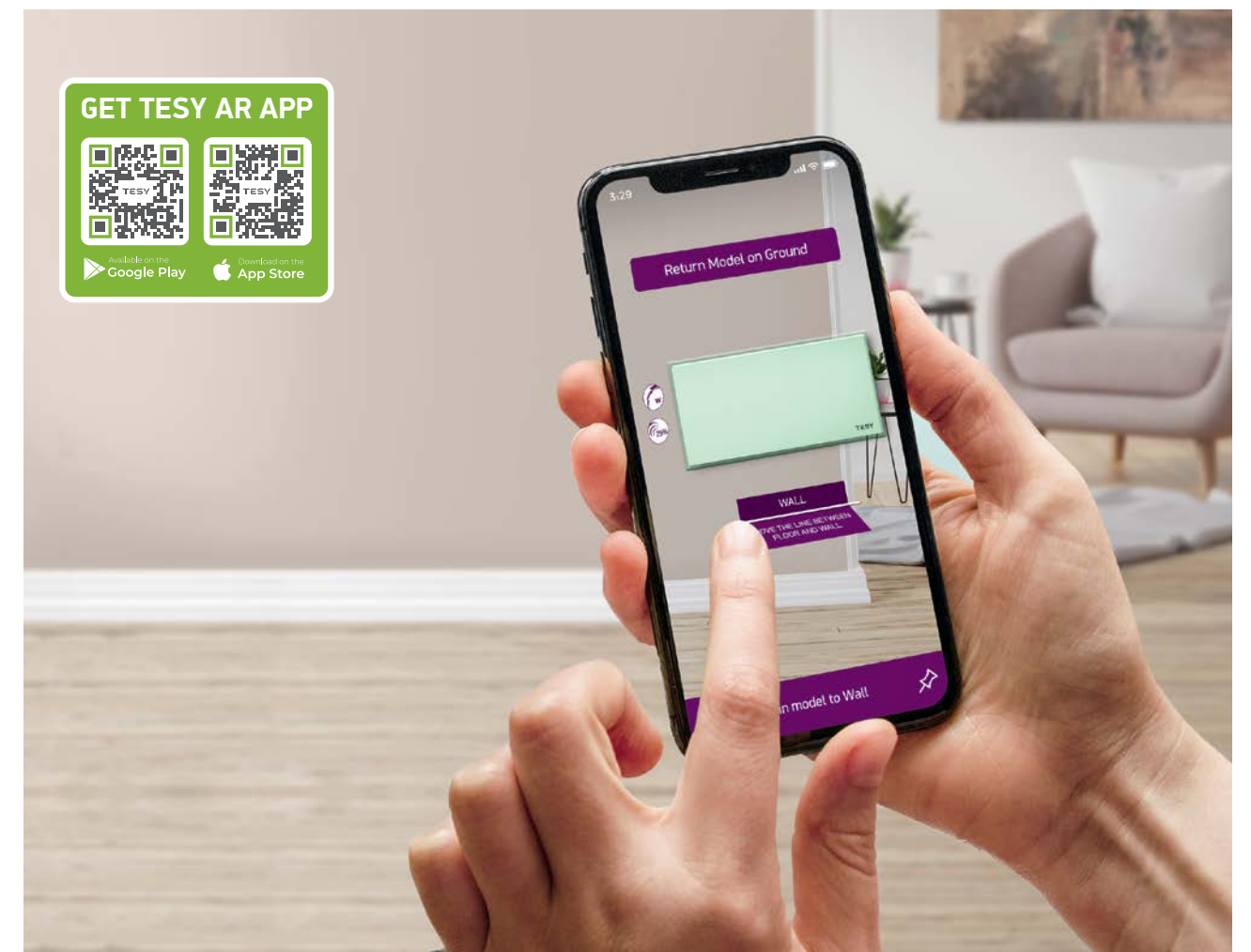
AUGMENT YOUR REALITY NOW!

Get your TESI AR App

Our latest application gives you the opportunity to visualise how TESI convectors will fit in and will look like in the real environment of your home.

The selected convector will appear in the scanned zone of your interior with its real dimensions and you will be able to select the desired position of the appliance on the wall or on the floor.

In case you are not sure which convector is suitable for you needs, you can place multiple models and compare them, or turn to the built-in product advisor in the application to guide you to the appliance that best suits your needs and preferences.



TESY AR app is available for mobile devices with Android or iOS operating systems

Application for mobile devices with
Android or iOS operating system



SAFETY FEATURES

We know how important the peace of mind is, that's why we've added the best safety functions to our models, for trouble-free usage. You can look for these features' icons in order to check whether they are applicable for the model you are interested in.

- 

Overheating protection
The appliance is equipped with a safety thermo turn-off device, which automatically turns the heater off in cases of extreme temperature of the electric heater /i.e. overheating of the appliance/. The safety thermo turn-off device will automatically restore the heater operation when the temperature of the appliance falls below the permissible ultimate values.
- 

Anti-frost protection
If the room temperature falls below 5°C and the electric heater is off, the heater will turn on automatically in order to prevent freezing of the area.
- 

Bathroom installation option - Splashproof IP 24 protection
According to the recommendations in the User manual. Applicable to the products offering IP24 protection. It means: "Ingress Protection"; first digit (2): Protection against solid objects in size > 12.5 mm; second digit (4): Liquids protection against harmful ingress of water, splashing water.
- 

Super safe tempered glass
Front glass panel with the highest safety class 1C3 according to standard EN 12600.
- 

Child lock
All keys of the control panel remain locked for additionally safety.
- 

Tip-over protection
In case the convector tilts with more than 45° or falls down, the power must switch Off and indicate on display "Tilt". After restoring the device to its normal position, operation of the last set function must continue.
- 

Suitable for people allergic to dust
Suitable for people with respiratory problems and dust allergies, since there is no dust swirling.

ENERGY SAVING FEATURES

We've made sure our heating appliances come with multiple energy saving functions, so you can feel confident that your TESY appliance is an efficient one. You can look for these features' icons in order to check whether they are applicable for the model you are interested in.

- 

ErP Compliant
ErP Compliant appliance, according to the Energy-related products (ErP) directive, that contributes to the sustainable development by enhancing energy efficiency and the level of environmental protection. For more information, see page 62.
- 

Weekly programmer
It allows a weekly setting forward for each day and hour, with half an hour step, so you can choose the timing when the convector to operate, according to your needs and habits, and thus use energy more efficiently.
- 

Adjustable thermoregulator
Precise control of the temperature set up makes it convenient to manage the consumption of energy.
- 

Open window/door function
Increases the heating appliance's energy efficiency. It automatically shuts off the thermal power, in case it detects an open window or a viscous drop in the room temperature. When the room temperature increases, the convector turns on by itself.
- 

Durable heating element
Durable heating element produced by TESY with high reliability and long warranty term.
- 

Optimal convection
Due to the special appliance design, specific outflow grid shape and heating element with core of stainless steel and aluminum radiator.
- 

Multiple power setting
Controlling the energy consumption by choosing a power setting.
- 

Delayed Start
It allows the user to set the time at which the convector will switch on and start heating. The default set up is 12 hours.

- 

Adaptive start
Enhances temperature comfort in the heated room, with minimum power consumption. After 96 hours of selflearning, the functionality allows the convector heater to self-define turn on time so that the desired temperature is reached at the user-defined hour.
- 

Temperature correction ±4°C
This function is typical for convectors of the highest class and ensures better temperature comfort and energy savings. Due to common installation of convector on external, colder walls (often below windows) the temperature appearing on the appliance display may differ from the actually measured temperature at various points in the room. If the difference is in the ±4°C range, you can make the necessary adjustment in convector's menu.
- 

Under window installation.
Recommended for under window installation. Due to the special construction and alignment of the air vents (on the back side of the convector), the heated air comes out straight up and creates a heat curtain effect, which blocks the cold air from the window. It helps with condensation problems.
- 

MICA
This heater has a high percentage of infrared heating, which warms the surrounding objects in the room. The remaining heat is given off in the form of convective heat exchange (warming of the air).
- 

Electronic thermoregulator
It detects the room temperature from 10 to 30°C. Thanks to its precise temperature sensor the convector **saves electricity costs** in comparison with bimetallic mechanical thermoregulator.
- 

18-hour timer with On/Off function
Allows setting the number of hours from 0 to 18 (the available options are at 30-minute intervals) in order to adjust when the electric heater to stop its operation. When adjusting the timer in Heating mode – the appliance will turn off after the selected time period.
- 

PIR Sensor
Passive infrared (PIR) sensors use sensors to detect heat energy in the surrounding environment, which means human presence. PIR sensor has a timer with On/Off switch, which operates depending on the human presence.

DESIGN FEATURES

Our heating appliances are crafted with modern aesthetics and functionality in mind. The range includes models with Scandinavian-inspired design, emphasizing clean lines, neutral tones, and minimalism that blends effortlessly into any interior. Whether you value style, space efficiency, or both, we delivers elegant heating solutions that complement contemporary living.

- 

Floor standing
Feet and wheels included in the package.
- 

Expressive grid design
New concept by stamped and bended openings, allowing optimal air circulation.
- 

Modern Slim Design
- 

Elegant Scandinavian-inspired design



WALL MOUNTED ELECTRIC CONVECTOR HEATERS

- Electric convectors ensure fast space heating and low electricity costs. They perfectly may be used as the main source of heat for your home due to the relatively large area range that they can cover and the diverse energy saving functions, which they are equipped.
- TESI's wall mounted electric convector heaters come with electronic thermoregulators and incorporated Cloud technology for Internet control via the MyTESI app.
- Multiple safety features and functions are incorporated in our convectors to ensure safe and trouble-free operation.
- Our wall mounted convectors range offers models, which are specifically designed for under window installation, due to their Heat curtain effect for blocking the cold air that comes from the window.



		Fineco Glass Cloud with AirSafe (CN 06)	Fineco Cloud with AirSafe (CN 06)	Fineco Cloud (CN 06)
General features	AirSafe function for improved air hygiene	✓	✓	
	Heat curtain effect	✓	✓	✓
	High seasonal energy efficiency*	✓	✓	✓
	Internet control	✓	✓	✓
	Electronic thermoregulator	✓	✓	✓
	Slim design	✓	✓	✓
Energy saving features	Three working modes (Eco**, Comfort, Sleep)	✓	✓	✓
	Weekly programmer 24/7	✓	✓	✓
	Adaptive start	✓	✓	✓
	Open window/door function	✓	✓	✓
	Optimal convection	✓	✓	✓
	Thermostat calibration	✓	✓	✓
Safety features	Anti-frost protection	✓	✓	✓
	Tip-over protection	✓	✓	✓
	Overheating protection	✓	✓	✓
	Keyboard lock / children protection	✓	✓	✓
	Bathroom installation*	✓	✓	✓

* For detailed explanation of the features in this table, please see pages 8-9
 **Eco = economically efficient



		Liveco Cloud with AirSafe (CN 051)	Liveco Cloud (CN051)	Heateco Cloud (CN 031)
General features	AirSafe function for improved air hygiene	✓		
	Heat curtain effect	✓	✓	✓
	High seasonal energy efficiency*	✓	✓	✓
	Internet control	✓	✓	✓
	Electronic thermoregulator	✓	✓	✓
	Slim design	✓	✓	
Energy saving features	Three working modes (Eco, Comfort, Sleep)	✓	✓	✓
	Weekly programmer 24/7	✓	✓	✓
	Adaptive start	✓	✓	✓
	Open window/door function	✓	✓	✓
	Optimal convection	✓	✓	✓
	Thermostat calibration	✓	✓	✓
Safety features	Anti-frost protection	✓	✓	✓
	Tip-over protection	✓	✓	✓
	Overheating protection	✓	✓	✓
	Keyboard lock / children protection	✓	✓	✓
	Bathroom installation*	✓	✓	✓

* For detailed explanation of the features in this table, please see pages 8-9



Fineco

Advantages:

- TESY presents Fineco Glass Cloud with AirSafe technology, the first electric convector model in the Fineco family with a tempered glass front panel.
- The Fineco product family is inspired by the minimalistic Scandinavian style. Slim design and elegant outlines make this convector suitable for any interior and taste.
- The special construction and position of the air vents create a heat curtain and efficient convection that quickly warms up the room. Thanks to the heat curtain effect, Fineco is the perfect choice for under window installation.
- Intuitive internet control via the new MyTESY app offers you the comfort and freedom to always be connected to your appliance and be able to set and monitor its operation, according to your needs.
- Fineco with the integrated AirSafe function provides innovative solution for a better air hygiene by exterminating 98% of viruses and bacteria in the air.*



Energy saving features



Safety features



*For more details see page 5
For detailed explanation of the features in this table, please see pages 8-9

Fineco Glass Cloud with AirSafe (CN 06)



Electric convector with glass panel, control via Internet and AirSafe function

- Elegant Scandinavian-inspired design, perfect for any interior
- Front glass panel with the highest safety class 1C3*
- Safe surface temperature
- High performance, noiseless aluminium heating element
- AirSafe – air purifying function, for air with 98% less viruses and bacteria
- Heat curtain effect, which makes it perfect for under window installation
- Intuitive remote control with the MyTesy app
- LCD display showing the desired room temperature

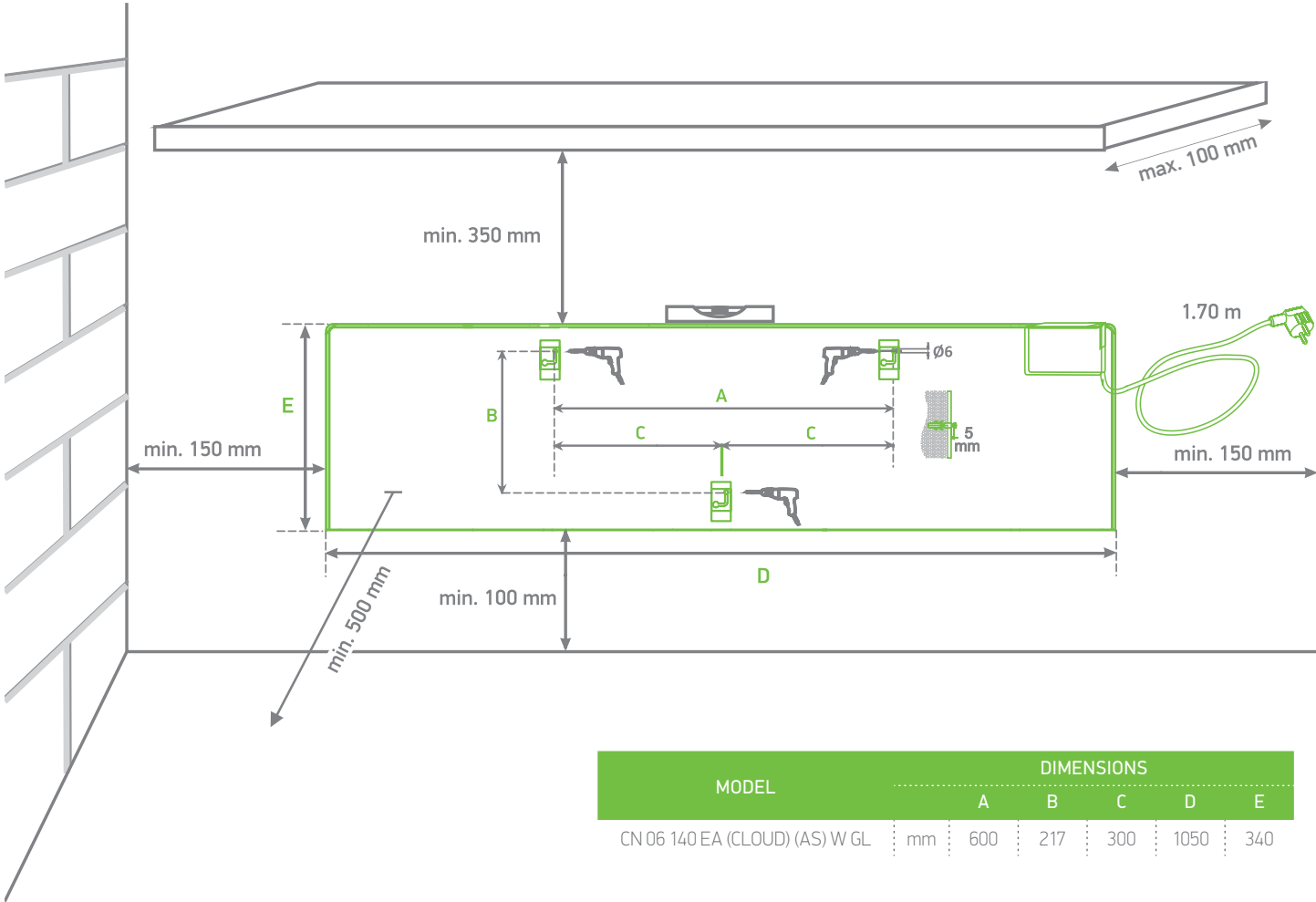
Energy saving features

- ErP Compliant – appliance with high energy efficiency
- Predefined modes: Eco**, Comfort, Sleep
- Optimal convection
- Electronic thermoregulator 10–30°C
- Weekly programmer 24/7 with 30-minute step
- Adaptive start with On/Off option
- Open window/door functions with On/Off option
- Thermostat calibration to achieve the desired comfort – temperature correction ±4°C
- Delayed start function – up to 96 hours

Safety features

- Front glass panel with safety class 1C3*
- Safe surface temperature
- Keyboard lock / children protection
- Shut off protective switch. The appliance will automatically turn off in case of any surface damage.
- Overheating protection.
- Tip-over protection.
- Anti-frost protection, fixed on 5°C, with On/Off option.
- Bathroom installation option - splashproof IP 24 protection.

For detailed explanation of the features in this table, please see pages 8-9
*According to standard EN 12600.
**Eco = economically efficient



MODEL	DIMENSIONS					
		A	B	C	D	E
CN 06 140 EA (CLOUD) (AS) W GL	mm	600	217	300	1050	340

MODEL		CN 06 140 EA (CLOUD) (AS) W GL	
CODE		306047	
Maximum power	W	1400	
Thermoregulator		electronic	
For room up to*	m³	34–45	
Heating area*	m²	14–18	
PRODUCT DIMENSIONS /WIDTH X HEIGHT X DEPTH/			
W x H x D	mm	1050 x 340 x 78	
ACCESSORIES			
305894		set of legs and casters	

* See page 63

Fineco Cloud with AirSafe (CN 06)



Electric convector with control via Internet and AirSafe function

- Elegant Scandinavian-inspired design, perfect for any interior
- AirSafe – air purifying function, for air with 98% less viruses and bacteria**
- High performance, noiseless aluminium heating element**
- Heat curtain effect**, which makes it perfect for under window installation
- Intuitive remote control with the MyTesy app
- LCD display showing the desired room temperature

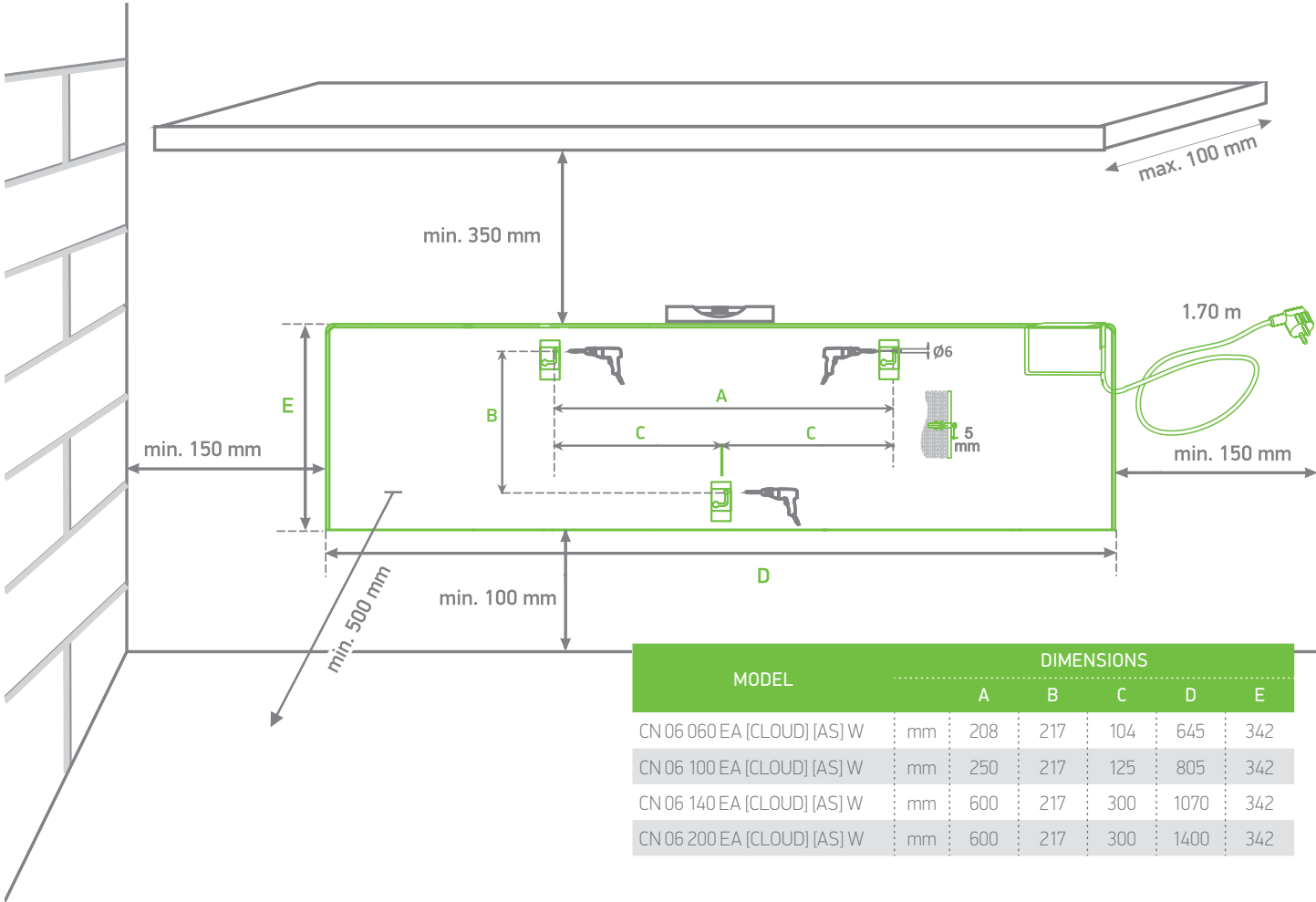
Energy saving features

- ErP Compliant – appliance with high energy efficiency
- Predefined modes: Eco*, Comfort, Sleep
- Optimal convection
- Electronic thermoregulator 10–30°C
- Weekly programmer 24/7 with 30-minute step
- Adaptive start with On/Off option
- Open window/door functions with On/Off option
- Thermostat calibration to achieve the desired comfort – temperature correction ±4°C
- Delayed start function – up to 96 hours

Safety features

- Keyboard lock / children protection
- Overheating protection
- Tip-over protection
- Anti-frost protection, fixed on 5°C, with On/Off option
- Bathroom installation option – splashproof IP 24 protection

For detailed explanation of the features in this table, please see pages 8-9
**Eco = economically efficient



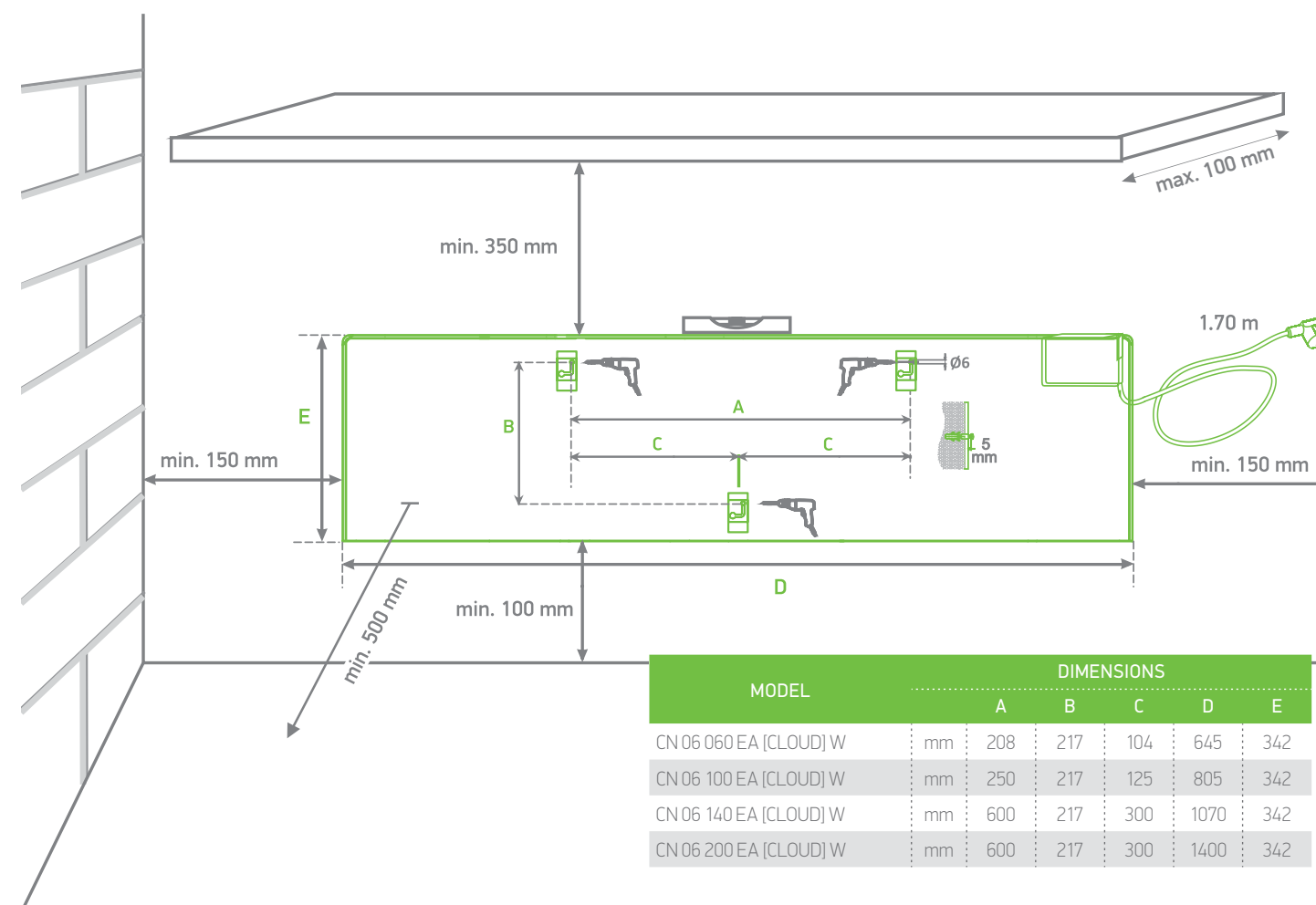
MODEL	DIMENSIONS					
		A	B	C	D	E
CN 06 060 EA [CLOUD] [AS] W	mm	208	217	104	645	342
CN 06 100 EA [CLOUD] [AS] W	mm	250	217	125	805	342
CN 06 140 EA [CLOUD] [AS] W	mm	600	217	300	1070	342
CN 06 200 EA [CLOUD] [AS] W	mm	600	217	300	1400	342

MODEL		CN 06 060 EA [CLOUD] [AS] W	CN 06 100 EA [CLOUD] [AS] W	CN 06 140 EA [CLOUD] [AS] W	CN 06 200 EA [CLOUD] [AS] W
CODE		304502	304503	304504	304505
Maximum power	W	600	1000	1400	2000
Thermoregulator		electronic	electronic	electronic	electronic
For room up to*	m ³	10–23	24–33	34–45	46–65
Heating area*	m ²	4–9	10–13	14–18	19–26
PRODUCT DIMENSIONS /WIDTH X HEIGHT X DEPTH/					
W x H x D	mm	645 x 342 x 78	805 x 342 x 78	1070 x 342 x 78	1400 x 342 x 78
ACCESSORIES					
305894		set of legs and casters			

* See page 63



- Keyboard lock / children protection
- Overheating protection
- Tip-over protection
- Anti-frost protection, fixed on 5°C, with On/Off option
- Bathroom installation option – splashproof IP 24 protection



MODEL	DIMENSIONS					
		A	B	C	D	E
CN 06 060 EA [CLOUD] W	mm	208	217	104	645	342
CN 06 100 EA [CLOUD] W	mm	250	217	125	805	342
CN 06 140 EA [CLOUD] W	mm	600	217	300	1070	342
CN 06 200 EA [CLOUD] W	mm	600	217	300	1400	342



Liveco

Advantages:

- The Liveco product family comes with an enhanced design featuring a slim profile, on the platform of the same robust and reliable construction for maximum safety and durability.
- A wide power range from 500 W to 3000 W, covering a heating area from 4 m² to 32 m².
- Intuitive internet control via the new MyTESY app offers you the comfort and freedom to always be connected to your appliance and be able to set and monitor its operation, according to your needs and manner allowing you to save electric energy.
- Liveco with the integrated AirSafe function provides innovative solution for a better air hygiene by exterminating 98% of viruses and bacteria in the air.
- Thanks to all of its features, the Liveco convectors offer high energy efficiency.



Energy saving features



Safety features



For detailed explanation of the features in this table, please see pages 8-9

Liveco Cloud with AirSafe (CN 051)



Electric convector with control via Internet and AirSafe function

- Modern design with a slim profile
- Robust metal construction
- Heating element, produced by TESI with high reliability and long warranty term
- **AirSafe – air purifying function, for air with 98% less viruses and bacteria**
- Intuitive remote control with the MyTesy app
- LCD display indicating desired room temperature

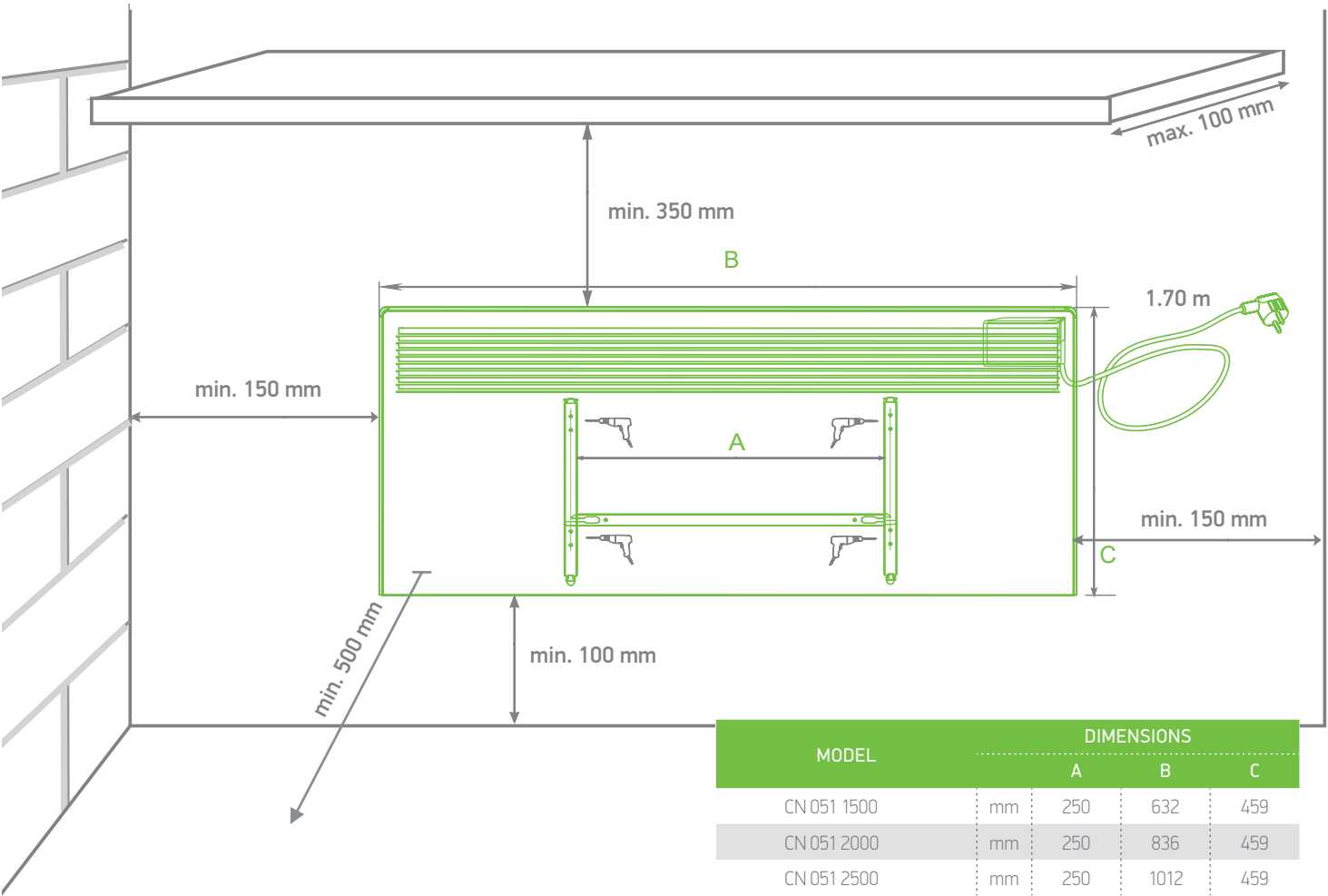
Energy saving features

- ErP Compliant – appliance with high energy efficiency
- Predefined modes: Eco*, Comfort, Sleep
- Optimal convection
- Electronic thermoregulator 10–30°C
- Weekly programmer 24/7 with 30-minute step
- Adaptive start with On/Off option
- Open window/door functions with On/Off option
- Thermostat calibration to achieve the desired comfort – temperature correction ±4°C
- Delayed start function – up to 96 hours

Safety features

- Keyboard lock / children protection
- Overheating protection
- Tip-over protection
- Anti-frost protection, fixed on 5°C, with On/Off option
- Bathroom installation option – splashproof IP24 protection

For detailed explanation of the features in this table, please see pages 8-9
**Eco = economically efficient



MODEL		CN 051 150 EI CLOUD AS W	CN 051 200 EI CLOUD AS W	CN 051 250 EI CLOUD AS W
CODE		305786	305788	305789
Maximum power	W	1500	2000	2500
Thermoregulator		electronic	electronic	electronic
For room up to*	m³	30–45	40–60	50–70
Heating area*	m²	12–18	16–24	20–28
PRODUCT DIMENSIONS /WIDTH X HEIGHT X DEPTH/				
W x H x D	mm	632 x 459 x 96	836 x 459 x 96	1012 x 459 x 96
ACCESSORY				
300871		Set of legs with casters for series CN 051 EI CLOUD AS W		

* See page 63

Liveco Cloud (CN 051)



Electric convector with control via Internet

- Modern design with a slim profile
- Robust metal construction
- Heating element, produced by TESI with high reliability and long warranty term
- Intuitive remote control with the MyTesy app
- LCD display indicating desired room temperature

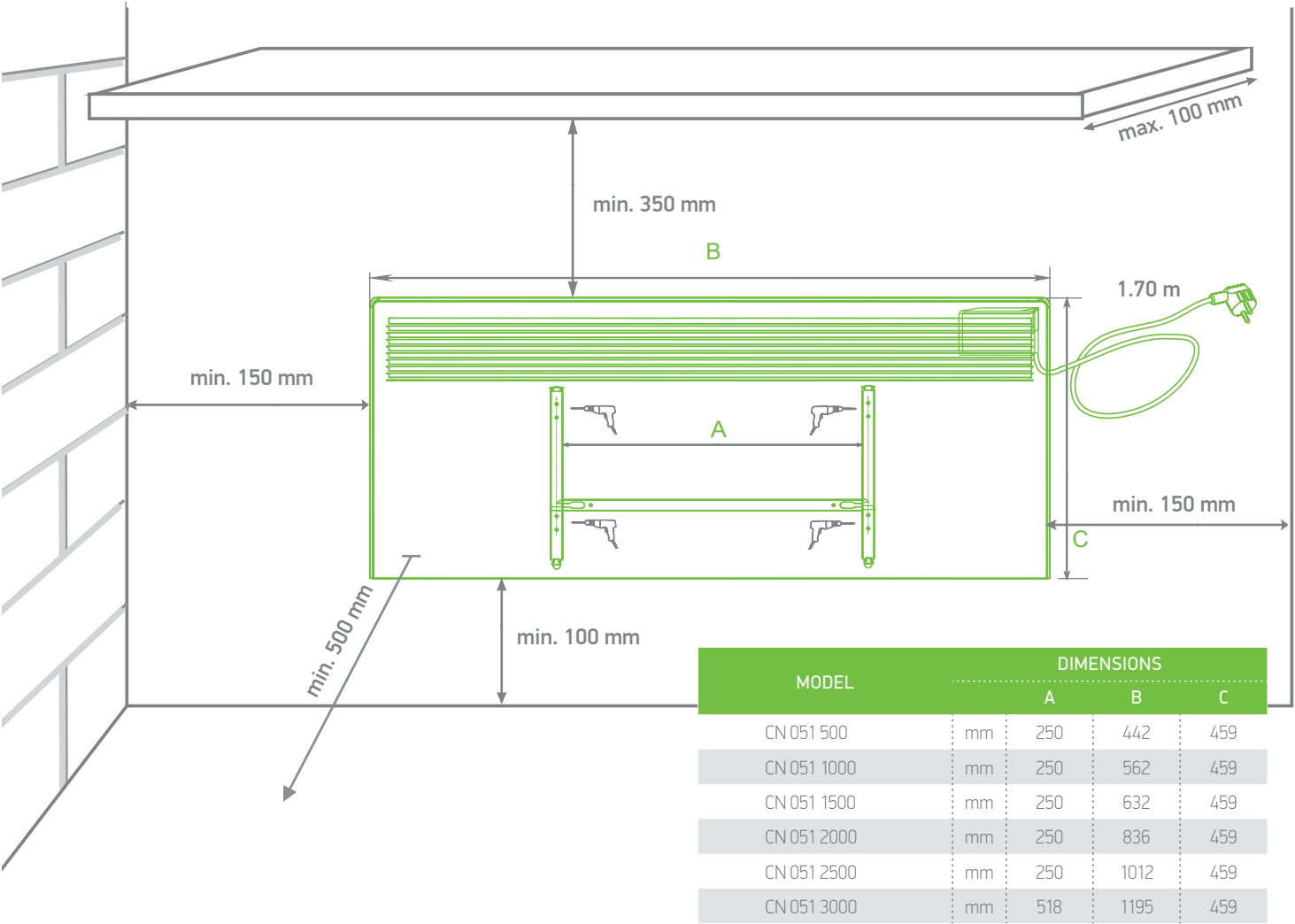
Energy saving features

- ErP Compliant – appliance with high energy efficiency
- Predefined modes: Eco*, Comfort, Sleep
- Optimal convection
- Electronic thermoregulator 10–30°C
- Weekly programmer 24/7 with 30-minute step
- Adaptive start with On/Off option
- Open window/door functions with On/Off option
- Thermostat calibration to achieve the desired comfort – temperature correction ±4°C
- Delayed start function – up to 96 hours

Safety features

- Keyboard lock / children protection
- Overheating protection
- Tip-over protection
- Anti-frost protection, fixed on 5°C, with On/Off option
- Bathroom installation option – splashproof IP24 protection

For detailed explanation of the features in this table, please see pages 8-9
**Eco = economically efficient



MODEL	CN 051 050 EI CLOUD W						
	CN 051 100 EI CLOUD W						
CODE	CN 051 150 EI CLOUD W						
	CN 051 200 EI CLOUD W						
	CN 051 250 EI CLOUD W						
	CN 051 300 EI CLOUD W						
Maximum power	W	500	1000	1500	2000	2500	3000
Thermoregulator		electronic	electronic	electronic	electronic	electronic	electronic
For room up to*	m³	10–15	20–30	30–45	40–60	50–70	60–80
Heating area*	m²	4–6	8–12	12–18	16–24	20–28	24–32
PRODUCT DIMENSIONS /WIDTH X HEIGHT X DEPTH/							
W x H x D	mm	442 x 459 x 96	562 x 459 x 96	632 x 459 x 96	836 x 459 x 96	1012 x 459 x 96	1195 x 459 x 96
ACCESSORY							
300871	Set of legs with casters for series CN 051 EI CLOUD W						

* See page 63



Heateco

Advantages:

- The Heateco product family features models with a robust metal construction of the appliance.
- A wide power range from 500 W to 3000 W, covering heating area from 4 m² to 32 m².
- Intuitive internet control via the new MyTESY app offers you the comfort and freedom to always be connected to your Heateco Cloud and be able to set and monitor its operation, according to your needs and manner allowing you to save electric energy.



Energy saving features



Safety features



For detailed explanation of the features in this table, please see pages 8-9

Heateco Cloud (CN 031)



Electric convector with control via Internet

- Robust metal construction with excellent design
- Heating element, produced by TESI with high reliability and long warranty term
- Intuitive remote control with the MyTesy app
- LCD display indicating desired room temperature

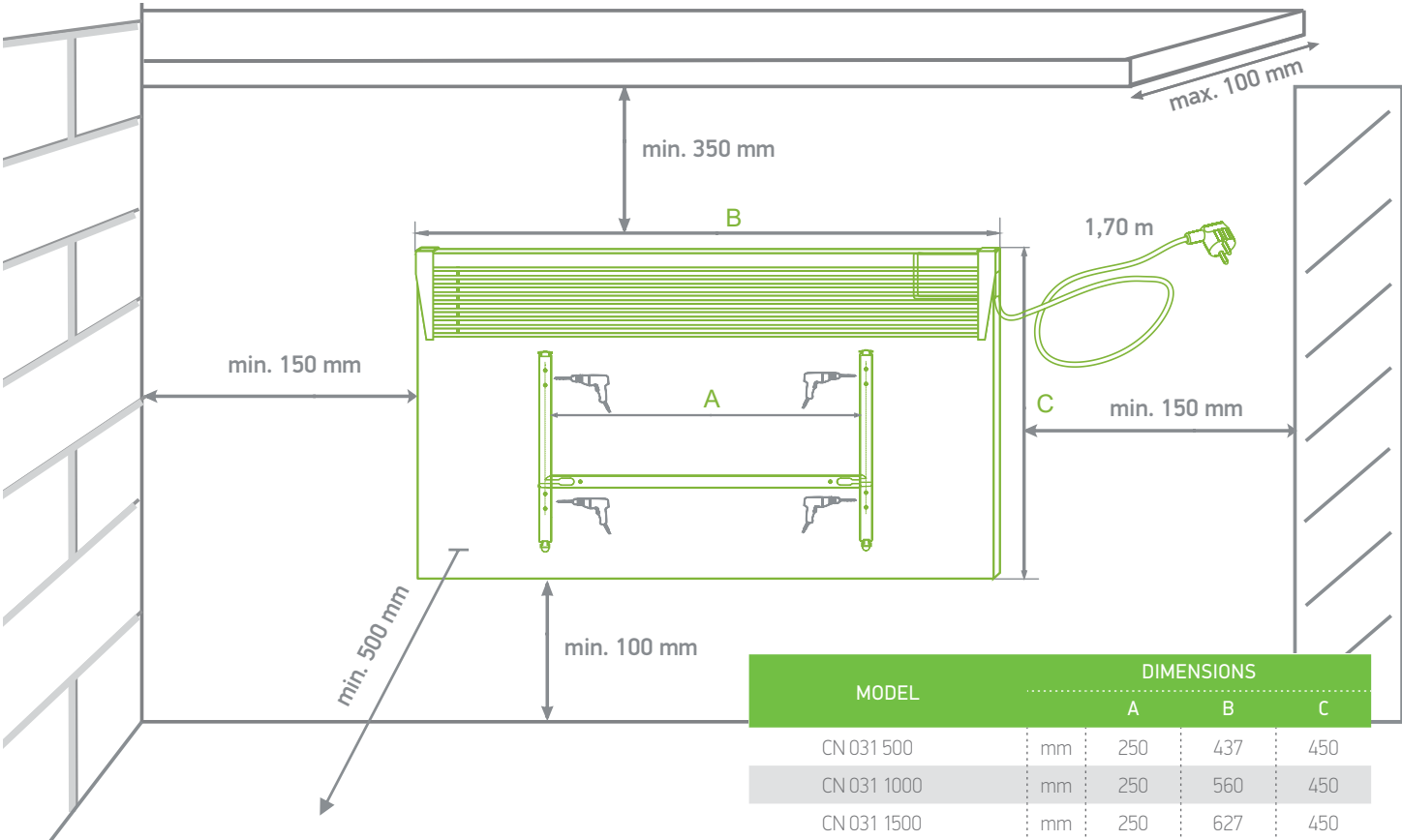
Energy saving features

- ErP Compliant – appliance with high energy efficiency
- Predefined modes: Eco*, Comfort, Sleep
- Optimal convection
- Electronic thermoregulator 10–30°C
- Weekly programmer 24/7 with 30-minute step
- Adaptive start with On/Off option
- Open window/door functions with On/Off option
- Delayed start function – up to 96 hours

Safety features

- Keyboard lock / children protection
- Overheating protection
- Tip-over protection
- Anti-frost protection, fixed on 5°C, with On/Off option
- Bathroom installation option- splashproof IP24 protection

For detailed explanation of the features in this table, please see pages 8-9
**Eco = economically efficient



MODEL	DIMENSIONS			
		A	B	C
CN 031 500	mm	250	437	450
CN 031 1000	mm	250	560	450
CN 031 1500	mm	250	627	450
CN 031 2000	mm	250	830	450
CN 031 2500	mm	250	1003	450
CN 031 3000	mm	518	1184	450

MODEL		CN 031 050 EI CLOUD W	CN 031 100 EI CLOUD W	CN 031 150 EI CLOUD W	CN 031 200 EI CLOUD W	CN 031 250 EI CLOUD W	CN 031 300 EI CLOUD W
CODE		305731	305732	305733	305734	305735	305736
Maximum power	W	500	1000	1500	2000	2500	3000
Thermoregulator		electronic	electronic	electronic	electronic	electronic	electronic
For room up to*	m³	10–15	20–30	30–45	40–60	50–70	60–80
Heating area*	m²	4–6	8–12	12–18	16–24	20–28	24–32
PRODUCT DIMENSIONS /WIDTH X HEIGHT X DEPTH/							
W x H x D	mm	437 x 450 x 104	560 x 450 x 104	627 x 450 x 104	830 x 450 x 104	1003 x 450 x 104	1184 x 450 x 104
ACCESSORY							
300871		Set of legs with casters for series CN 031 EI CLOUD W					

* See page 63



PORTABLE ELECTRIC CONVECTOR HEATERS with high performance heating element

Advantages:

- Discover our range of portable electric convector heaters with high quality heating element, developed and produced by TESI with which you can expect long product life, accompanied with the respective long warranty term.
- Flooreco portable electric convector comes with an intuitive Internet control via MyTESI app, which allows you to always be in touch with your appliance and monitor its operation



Energy saving features



Safety features



Conveco (CN 055)



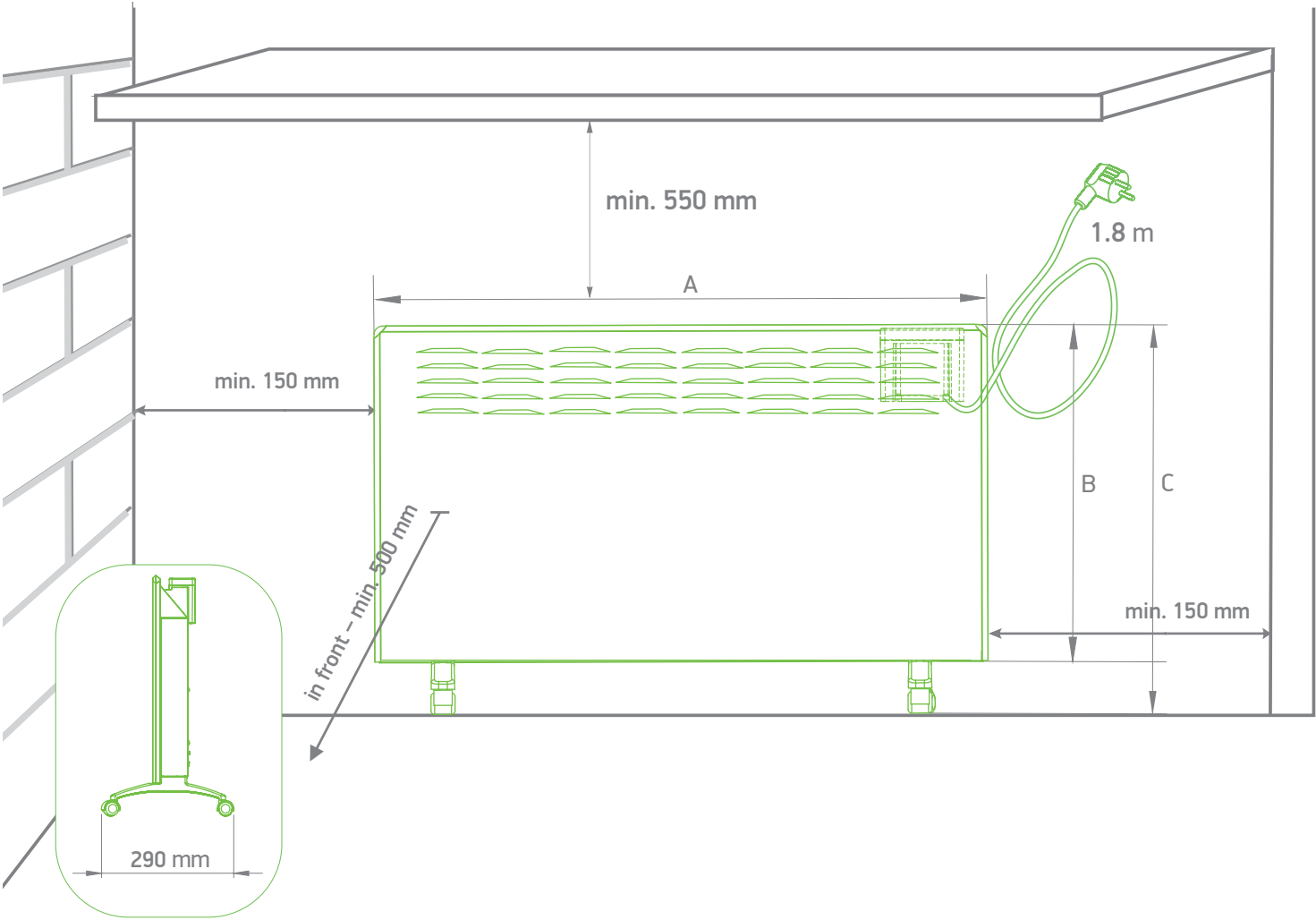
Electric convector with mechanical thermoregulator

- Floor-standing model with mechanical controls
- Feet and wheels included
- Sturdy metal construction
- Long-lasting heating element
- White
- **Energy saving features**
- Adjustable thermoregulator
- Compliant with the new ErP Directive 2024/1103, effective as of July 1, 2025
- Optimal convection

Safety features

- Freeze protection
- Tip-over protection
- Overheating protection

For detailed explanation of the features in this table, please see pages 8-9



MODEL	DIMENSIONS			
		A	B	C
CN 055 1000	mm	562	458	540
CN 055 1500	mm	631	458	540
CN 055 2000	mm	834	458	540
CN 055 2500	mm	1011	458	540

MODEL		CN 055 100 MIS F	CN 055 150 MIS F	CN 055 200 MIS F	CN 055 250 MIS F
CODE		306896	306599	306600	306601
Maximum power	W	1000	1500	2000	2500
Thermoregulator		mechanical	mechanical	mechanical	mechanical
For room up to*	m³	20-30	30-45	40-60	50-70
Heating area*	m²	8-12	12-18	16-24	20-28
PRODUCT DIMENSIONS /Width x Height x Depth/					
W x H (with/ *without feet and wheels) x D	mm	562 x 540/458* x 76	631 x 540/458* x 76	834 x 540/458* x 76	1011 x 540/458* x 76

* See page 63

Flooreco Cloud (CN 052)



Electric convector with control via Internet

- Robust metal construction with excellent design
- Heating element, produced by TESIY with high reliability and long warranty term
- Intuitive remote control with the MyTesy app
- LCD display indicating desired room temperature

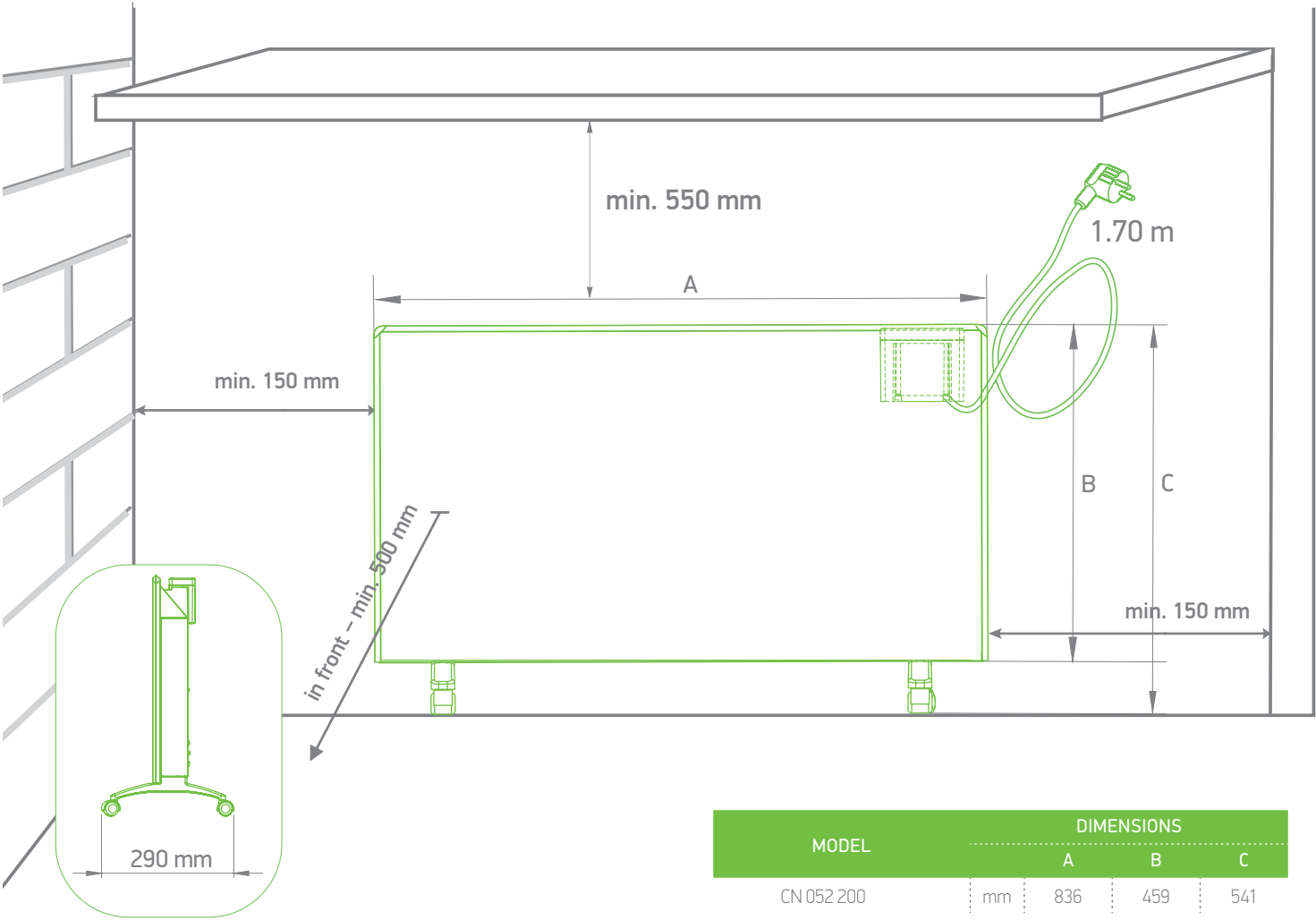
Energy saving features

- ErP Compliant – appliance with high energy efficiency
- Predefined modes: Eco*, Comfort, Sleep
- Optimal convection
- Electronic thermoregulator 10–30°C
- Weekly programmer 24/7 with 30-minute step
- Adaptive start with On/Off option
- Open window/door functions with On/Off option
- Delayed start function – up to 96 hours

Safety features

- Keyboard lock / children protection
- Overheating protection
- Tip-over protection
- Anti-frost protection, fixed on 5°C, with On/Off option

For detailed explanation of the features in this table, please see pages 8-9
**Eco = economically efficient



MODEL	DIMENSIONS		
	A	B	C
CN 052 200	mm 836	459	541

MODEL		CN 052 200 EI CLOUD W F
CODE		306016
Maximum power	W	2000
Thermoregulator		Electronic
For room up to*	m³	40–60
Heating area*	m²	16–24
PRODUCT DIMENSIONS /Width x Height x Depth/		
W x H x D	mm	836 x 541 x 29

* See page 63

Heateco (CN 03)



ELECTRIC CONVECTOR WITH MECHANICAL THERMOREGULATOR

- Robust metal construction with excellent design
- Heating element, produced by TESI with high reliability and long warranty term
- Portable

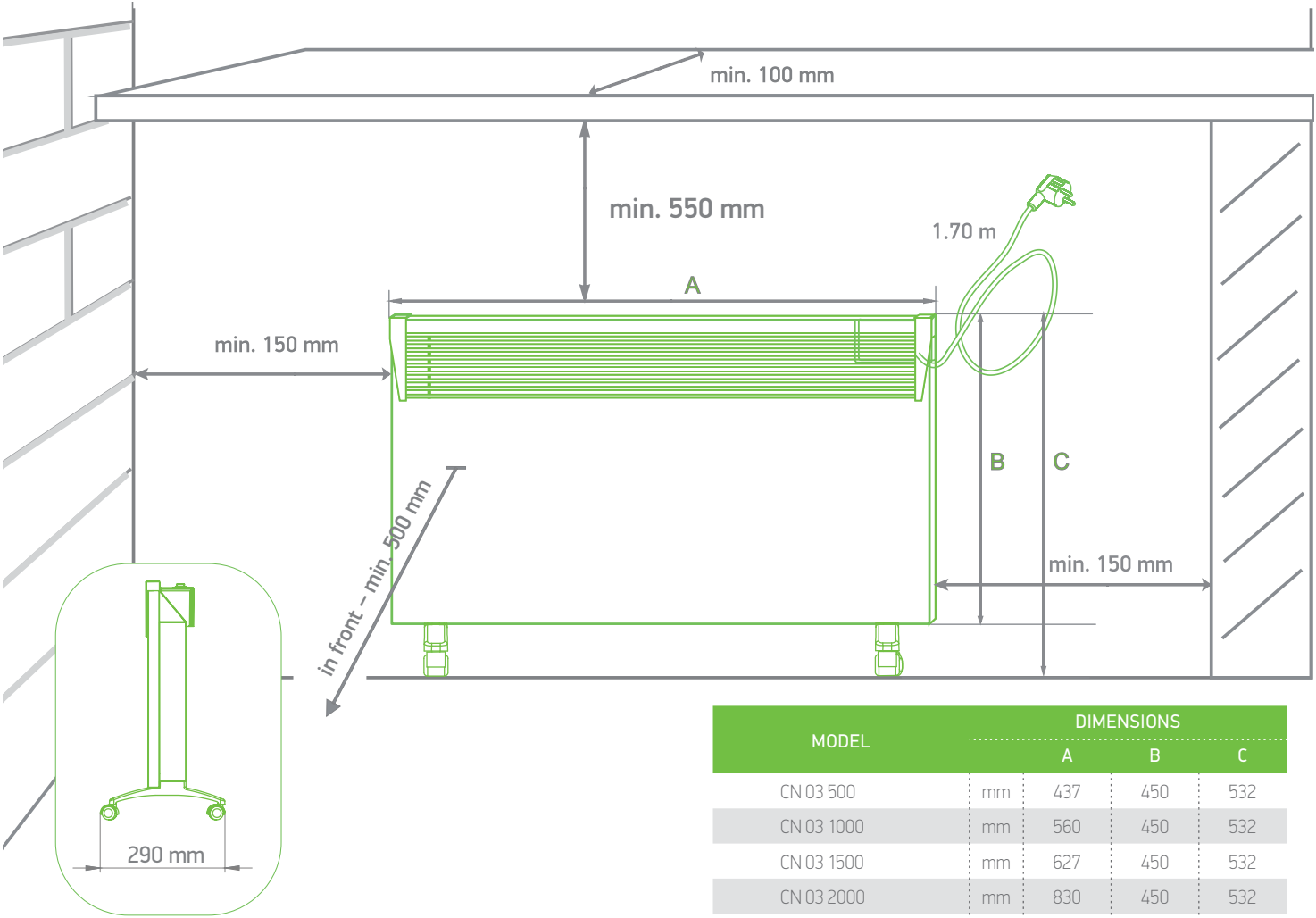
Energy saving features

- ErP Compliant – high energy efficiency
- Optimal convection
- Adjustable thermoregulator

Safety features

- Anti-frost protection
- Tip-over protection
- Overheating protection
- Switch with protection cap

For detailed explanation of the features in this table, please see pages 8-9



MODEL	DIMENSIONS			
		A	B	C
CN 03 500	mm	437	450	532
CN 03 1000	mm	560	450	532
CN 03 1500	mm	627	450	532
CN 03 2000	mm	830	450	532
CN 03 2500	mm	1003	450	532
CN 03 3000	mm	1184	450	532

		MODEL	CN 03 050 MIS F	CN 03 100 MIS F	CN 03 150 MIS F	CN 03 200 MIS F	CN 03 250 MIS F	CN 03 300 MIS F
		CODE	304814	304815	304816	304817	304818	304819
Maximum power	W		500	1000	1500	2000	2500	3000
Thermoregulator			mechanical	mechanical	mechanical	mechanical	mechanical	mechanical
For room up to*	m³		10–15	20–30	30–45	40–60	50–70	60–80
Heating area*	m²		4–6	8–12	12–18	16–24	20–28	24–32
PRODUCT DIMENSIONS /Width x Height x Depth/								
W x H x D	mm		437 x 450 x 104	560 x 450 x 104	627 x 450 x 104	830 x 450 x 104	1003 x 450 x 104	1184 x 450 x 104
ACCESSORY								
		304484	Set of casters					

* See page 63

PORTABLE ELECTRIC CONVECTOR HEATERS with MICA heating element



Advantages:

- This product group offers models with a MICA heating element, as well as attractive design and different comfort features.
- The MICA heating element provides instant heat, by warming up the objects in the room, thus offering the completely safe and comfortable feeling of warmth, similar to feeling we get from the sun warmth.
- The electric convectors with MICA heating element offer elevated comfort and healthy environment, as there is no dehumidifying and oxygen burning, during their operation

➤ Portable electric convector heaters with MICA heating element



CN 221 MC

- Rated power: 2000 W
- MICA heating element
- Portable
- 1 minute to full power of heating
- Energy saving features**
- Two power settings: 1200 W / 2000 W
- Adjustable sensitive thermoregulator
- Safety features**
- No oxygen burning
- No dehumidifying
- Anti-frost protection
- Overheating protection
- Metal safety grid
- Tip-over protection

CN 222 MC

- Rated power: 2000 W
- MICA heating element
- LED display
- Portable
- 1 minute to full power of heating
- Remote control
- Energy saving features**
- Two power settings: 1000 W / 2000 W
- Electronic thermoregulator in range 5–36°C
- 18-hour timer with On/Off mode
- Safety features**
- No oxygen burning
- No dehumidifying
- Overheating protection
- Tip-over protection

MODEL		CN 221 MC	CN 222 MC
CODE		423930	423931
Maximum power	W	2000	2000
Thermoregulator		Mechanical	Electronic
For room up to*	m³	40–60	40–60
Heating area*	m²	16–24	16–24
PRODUCT DIMENSIONS /Width x Height x Depth/			
W x H x D	mm	580 x 810 x 253	675 x 540 x 280

*For model CN 222 MC
For detailed explanation of the features in this table, please see pages 8-9

PORTABLE ELECTRIC
CONVECTOR HEATERS
with resistive wire



Portable electric convector heaters with resistive wire

CN207ZF



- Three colors option: white, black and grey
- Rated power: 2000 W
- Heating element – resistive wire
- With silent operation
- Soft-touch key button for TURBO (fan function)
- Power cord: 1.5 m
- Energy saving features**
 - Four heating modes: 1000 W / 2000 W / 1000 W + fan / 2000 W + fan
 - Adjustable thermoregulator
- Safety features**
 - Overheating protection
 - Tip-over protection

	MODEL		CN 207 ZF W		CN 207 ZF B		CN 207 ZF G	
	CODE		423910		423911		423912	
Maximum power	W	2000		2000		2000		
Thermoregulator		mechanical		mechanical		mechanical		
For room up to*	m ³	40–60		40–60		40–60		
Heating area*	m ²	14-17		14-17		14-17		
PRODUCT DIMENSIONS /Width x Height x Depth/								
W x H x D	mm	625 x 405 x 200		625 x 405 x 200		625 x 405 x 200		

* See page 63



ADVANTAGES:

- Discover our range of classic models of portable electric convector heaters with resistive wire heating element. With their light weight, compact dimensions and convenient operation, you can have a perfect solution for a supporting heating appliance at any time of the year, at any place.
- The safety operation is guaranteed by different protection features, Overheating, Tip-Over and Anti-Frost protection for trouble free usage.

➤ Portable electric convector heaters with resistive wire heating element

CN202ZF

- Rated power: 2000 W
- Heating element – resistive wire
- Light indicator
- Power cord: 1.7 m
- Energy saving features**
- Four heating modes: 800 W / 2000 W / 800 W + fan / 2000 W + fan
- Adjustable thermoregulator
- Safety features**
- Anti-frost protection
- Overheating protection



CN203ZF

- Rated power: 2000 W
- Heating element – resistive wire
- Light indicator
- Power cord: 1.7 m
- Energy saving features**
- Six heating modes: 800 W / 1200 W / 2000 W / 800 W + fan / 1200 W + fan / 2000 W + fan
- Adjustable thermoregulator
- Safety features**
- Anti-frost protection
- Overheating protection



➤		MODEL	CN202ZF	CN203ZF
		CODE	420026	420027
Maximum power	W		2000	2000
Thermoregulator			mechanical	mechanical
For room up to*	m ³		40–60	40–60
Heating area*	m ²		14-17	14-17
PRODUCT DIMENSIONS /Width x Height x Depth/				
W x H x D	mm		700 x 460 x 150	670 x 430 x 170

➤ Portable electric convector heaters with resistive wire heating element

CN204ZF

- Rated power: 2000 W
- Heating element – resistive wire
- Light indicator
- Power cord: 1.7 m
- Energy saving features**
- Six heating modes: 800 W / 1200 W / 2000 W / 800 W + fan / 1200 W + fan / 2000 W + fan
- Adjustable thermoregulator
- Safety features**
- Anti-frost protection
- Overheating protection



CN214ZF

- Rated power: 2000 W
- Heating element – resistive wire
- Light indicator
- Power cord: 1.7 m
- Energy saving features**
- Three heating power levels: 800 W / 1200 W / 2000 W
- Adjustable thermoregulator
- Safety features**
- Anti-frost protection
- Overheating protection



➤		MODEL	CN204ZF	CN214ZF
		CODE	421386	420028
Maximum power	W		2000	2000
Thermoregulator			mechanical	mechanical
For room up to*	m ³		40–60	40–60
Heating area*	m ²		14-17	14-17
PRODUCT DIMENSIONS /Width x Height x Depth/				
W x H x D	mm		600 x 430 x 180	600 x 430 x 180



BATHROOM HEATERS

Advantages:

- TESI offers a variety of bathroom heaters including wall-mountable glass heaters, high efficiency liquid towel heaters, fan heaters and a quartz heater.
- A power range of up to 2000 W, covering a heating area of up to 24 m².
- Models with an electronic thermoregulator for a precise temperature setting and energy saving.



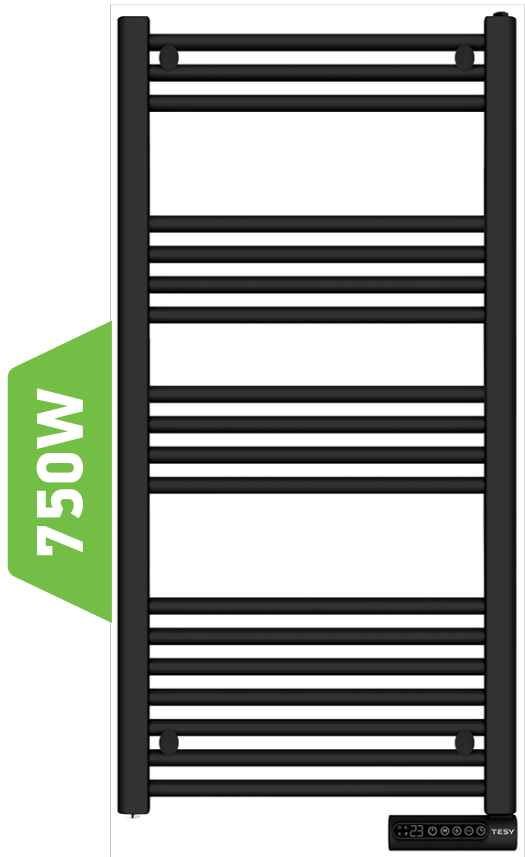
Energy saving features



Safety features



For detailed explanation of the features in this table, please see pages 8-9



POWER OPTIONS:
500 W and 700 W

COLOR OPTIONS:
grey, white, black



- Selection of colors: white, black, grey
- Two power options: 500 W and 750 W
- LED display
- Soft-touch key control
- Three working modes: Comfort / Eco / Anti-frost

Energy saving features

- Electronic thermoregulator 5–35°C
- Timer function to switch off

- Weekly programmer 24/7
- Three working modes: Comfort / Eco / Anti-frost
- Open window/door function – turns the power off when detects an open window

Safety features

- Overheating protection
- Anti-frost protection
- Splashproof IP 24 protection

	MODEL						
		TH 01 500 W	TH 01 750 W	TH 01 500W B	TH 01 750W B	TH01 500 W G	TH01 750 W G
	CODE	423914	423915	423960	423961	424044	424045
Maximum power	W	500	750	500	750	500	750
Thermoregulator		Electronic	Electronic	Electronic	Electronic	Electronic	Electronic
For room up to*	m³	10–15	15–20	10–15	15–20	10–15	15–20
Heating area*	m²	4–6	6–8	4–6	6–8	4–6	6–8
PRODUCT DIMENSIONS /Width x Height x Depth/							
W x H x D	mm	500 x 850 x 50	500 x 1050 x 50	500 x 850 x 50	500 x 1050 x 50	500 x 850 x 50	500 x 1050 x 50

* See page 63
For detailed explanation of the features in this table, please see pages 8-9



WALL-MOUNTED GLASS HEATER

- Wall-mounted, designed for bathroom usage
- Power settings:
 - 200 W - towel rack heating
 - 1100 W - low-power heating
 - 1800 W - high-power heating
 - 2000 W - maximum (1100+1800)
- LED display
- Soft-touch key control
- Silent operation
- Two towel racks

Energy saving features

- Electronic thermoregulator 5–40°C
- Weekly programmer 24/7
- Open window/door function – turns the power off when detects an open window
- PIR sensor with timer to turn On/Off, depending on human presence

Safety features

- Overheating protection
- Splashproof IP X4 protection

	MODEL		
		GH 200 W	GH 200 BW
	CODE	423570	423571
Maximum power	W	2000	2000
Thermoregulator		Electronic	Electronic
For room up to*	m³	40–60	40–60
Heating area*	m²	16–24	16–24
PRODUCT DIMENSIONS /Width x Height x Depth/			
W x H x D	mm	450 x 830 x 110	450 x 830 x 110

* See page 63

HL-249VB W



HL-249VB W B

NEW



BATHROOM FAN HEATER WITH RESISTIVE WIRE

- Wall-mounted, designed for bathroom usage
- Heating element – resistive wire
- LED display
- Soft-touch key control
- Three working modes: Comfort / Eco / Anti-frost
- 2 factory pre-set work programs (P1 and P2)
- 1 custom work program (P3)

Energy saving features

- Electronic thermoregulator 10–35°C
- Three power modes: fan only/ 1000 W/ 2000 W

- Open window function – turns the power off when detects an open window
- Weekly programmer 24/7
- Timer function to switch off
- On/ Off power switch

Safety features

- Anti-frost protection
- Overheating protection
- Splashproof IP 24 protection

MODEL		HL-249VB W	HL-249VB W B
CODE		423913	424043
Maximum power	W	2000	2000
Thermoregulator		Electronic	Electronic
For room up to*	m ³	40–60	40–60
Heating area*	m ²	14-18	14-18
PRODUCT DIMENSIONS /Width x Height x Depth/			
W x H x D	mm	250 x 320 x 100	250 x 320 x 100

* See page 63

HL-243VB W

BATHROOM FAN HEATER WITH RESISTIVE WIRE

- Wall-mounted, designed for bathroom usage
- Heating element – resistive wire
- LED display
- Soft-touch key control
- 5 factory pre-set work programs
- 1 custom work program
- Rotatable towel rack

Energy saving features

- Electronic thermoregulator 5–35°C
- Two power settings: 1000 W / 2000 W
- Weekly programmer 24/7
- Timer function to switch off
- Open window/door function – turns the power off when detects an open window

Safety features

- Anti-frost protection
- Overheating protection
- Splashproof IP 24 protection



QH04 120

QUARTZ RADIANT HEATER

- Wall-mounted, designed for bathroom usage
- Two quartz heating elements
- Pull-cord switch with power setting display
- 45°C tilt option for adjustment of the heat distribution angle

Energy saving features

- Two power settings: 600 W / 1200 W

Safety features

- Splashproof IP 24 protection



MODEL		HL-243VB W	QH04 120
CODE		422851	422615
Maximum power	W	2000	1200
Thermoregulator		Electronic	Mechanical
For room up to*	m ³	40–60	20–24
Heating area*	m ²	14-18	8–10
PRODUCT DIMENSIONS /Width x Height x Depth/			
W x H x D	mm	340 x 400 x 130	640 x 142 x 96

* See page 63



FAN HEATERS

Advantages:

- TESY's fan heaters with a compact and modern design is a convenient space saving choice for fast warming of smaller rooms.
- A wide range of floor-standing and wall-mountable models.
- Appliances with resistive wire or PTC heating elements, where the PTC heating element is made of a metallised ceramic material. These appliances are quite efficient due to the ceramic's thermal properties allowing material resistance change relative to the surrounding temperature (for more information about the PTC element, please refer to page 63).



Energy saving features*



Safety features



*Only for model HL-274W PTC W
For detailed explanation of the features in this table, please see pages 8-9

➤ Portable fan heaters

HL-240H



PORTABLE FAN HEATER WITH RESISTIVE WIRE

- Heating element – resistive wire
- Light indicator
- Power cord: 1.3 m
- Energy saving features**
- Adjustable thermoregulator
- Two power settings: 1200 W / 2400 W
- Safety features**
- Overheating protection



HL-202H



PORTABLE FAN HEATER WITH RESISTIVE WIRE

- Heating element – resistive wire
- Compact and light weight
- Light indicator
- Power cord: 1.5 m
- Energy saving features**
- Adjustable thermoregulator
- Two power settings: 1000 W / 2000 W
- Safety features**
- Overheating protection



➤		MODEL		HL-240H	HL-202H
		CODE		420011	421383
	Maximum power	W		2400	2000
	Thermoregulator			Mechanical	Mechanical
	For room up to*	m ³		40–50	34–39
	Heating area*	m ²		16–20	13–16
PRODUCT DIMENSIONS /Width x Height x Depth/					
	Dimensions W x H x D	mm		175 x 145 x 175	250 x 105 x 230

* See page 63

➤ Portable fan heaters

HL-213V



PORTABLE FAN HEATER WITH RESISTIVE WIRE

- Heating element – resistive wire
- Compact and light weight
- Light indicator
- Power cord: 1.5 m
- Energy saving features**
- Adjustable thermoregulator
- Two power settings: 1000 W / 2000 W
- Safety features**
- Overheating protection

➤		MODEL		HL-213V
		CODE		421800
	Maximum power	W		2000
	Thermoregulator			Mechanical
	For room up to*	m ³		34–39
	Heating area*	m ²		13–16
PRODUCT DIMENSIONS /Width x Height x Depth/				
	Dimensions W x H x D	mm		227 x 245 x 120

* See page 63

➤ Wall-mounted fan heaters

HL-274W PTC W



Wall-mounted fan heater with PTC heating element

- PTC heating element
- Wall-mounted
- Operation modes: Fan / Low / High mode
- Digital LED display
- Remote control
- Energy saving features**
 - Electronic thermoregulator 10–49°C
 - Two power settings: 1100 W / 2000 W
 - Weekly programmer 24/7
 - Open window/door function – turns the power off when detects an open window
- Safety features**
 - Overheating protection

➤	MODEL		HL-274W PTC W
	CODE		422630
	Maximum power	W	2000
	Thermoregulator		Electronic
	For room up to*	m³	36–42
	Heating area*	m²	14–18
PRODUCT DIMENSIONS /Width x Height x Depth/			
	W x H x D	mm	115 x 450 x 186

* See page 63
For detailed explanation of the features in this table, please see pages 8-9

➤ Portable fan heaters

HL-830V PTC



Portable fan heater with PTC heating element

- PTC heating element
- Energy saving features**
 - Adjustable thermoregulator
 - Three power settings: 1000 W / 2000 W / 3000 W
- Safety features**
 - Metal safety grid
 - Overheating protection

➤	MODEL		HL-830V PTC
	CODE		421936
	Maximum power	W	3000
	Thermoregulator		Mechanical
	For room up to*	m³	60–80
	Heating area*	m²	24–32
PRODUCT DIMENSIONS /Width x Height x Depth/			
	W x H x D	mm	238 x 238 x 253

* See page 63
For detailed explanation of the features in this table, please see pages 8-9

AIR QUALITY SOLUTIONS

Air Purifiers

Advantages:

- An air purifier improves the ambient air hygiene and provides a healthier environment by filtering dust particles, pollen, mold spores, bacteria and different gases and odors.
- TESI's Pure Air product family includes three models of air purifiers covering rooms of up to 18 m², 37 m² and 96 m².
- Multiple purification filters, including ionizer for enhancing the cleaning process and freshen up the air. They can be used in children and baby rooms.
- Touch control for an easy setting and efficient operation.



REMOVES
ODORS AND
CIGARETTE
SMOKE



SUITABLE FOR
BABY ROOMS



SUITABLE FOR
PEOPLE WITH
RESPIRATORY
PROBLEMS



Air quality solutions | Air Purifiers

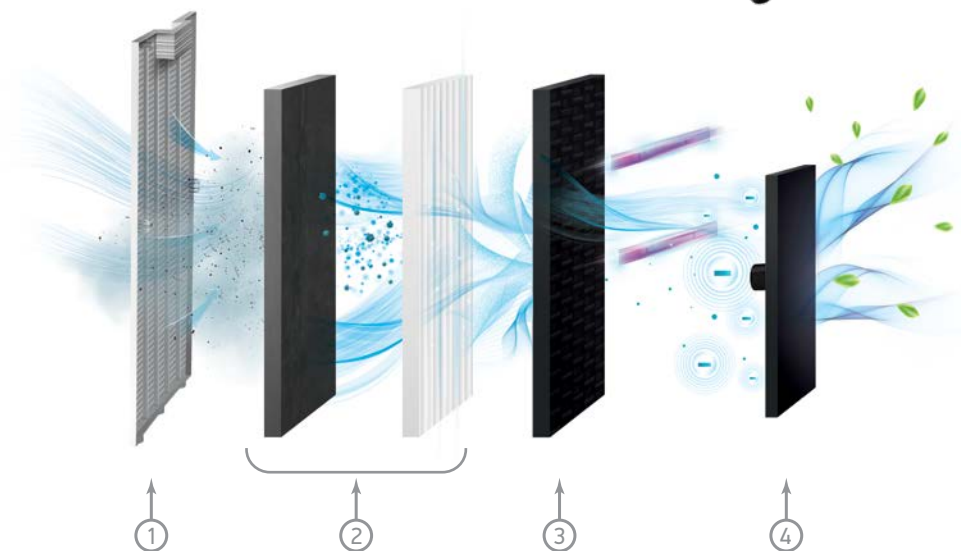
AC96HCIUV

AIR PURIFIER

- 5 stages of air purification
- For area up to 96 m²
- Maximum power: 80 W
- CADR (filtered air volume per hour): 800 m³/h
- Three working modes: Auto, Speed and Sleep
- 5 fan speeds
- Negative Ions: 1*10⁷ pcs/cm³
- Sensor: Temperature and Humidity
- PM 2.5 Dust Sensor
- Air Quality Color indication
- Filter replacement indicator
- Touch control
- Timer mode
- Child lock



Purifies
area of 20 m²
for **ONLY**
3 minutes



AC96HCIUV HAS 5 STAGES OF AIR PURIFICATION:

- 1. Pre-filter:** Filters dust, hair, pet fur and large floating particles. Effectively reduces problems of infants and children with itching, rashes, redness, sneezing and runny nose.
- 2. Filter 2 in 1:**
 - **HEPA main filter** with a 99.98% efficiency – The function of the HEPA filter is to absorb particles – dust, pollen, fungi spores and different kinds of bacteria. HEPA filter can not absorb particles smaller than 0.3 micron – such as chemical evaporations, gases, some tobacco smoke particles, germs and viruses. Effective for filtering micro-particles and for reducing headaches, bronchial asthma, nose allergies, low immunity, skin allergies.
 - **Activated carbon filter** – Activated carbon works through a process called adsorption, through which polluted air particles are trapped in the porous structure of the carbon layers. This method removes odors such as: from animals, paints, cigarette smoke and more.
- 3. UVC LED filter:** This is a highly effective solution for improved air hygiene with long exploitation life. It works with UVC light. The UVC filter effectively removes viruses, bacteria and fungi in the air.
- 4. Ionizer:** The ionizer disperses negative ions in the room in order to enhance cleaning process and at the same time it freshens up the air. Negative ions combine with dust particles in the air and fall to the floor, because of their own weight (dust and ions that have combined with it).

AC37HCICH

AIR PURIFIER

- 6 stages of air purification
- For area up to 37 m²
- Maximum power: 55 W
- CADR (filtered air volume per hour): 310 m³/h
- Two working modes: Auto and Sleep
- Grey-white color combination
- 4 fan speeds
- Negative Ions: 1*10⁷ pcs/cm³
- Sensor: Temperature and Humidity
- PM 2.5 Dust Sensor
- Filter replacement indicator
- Touch control
- Timer mode



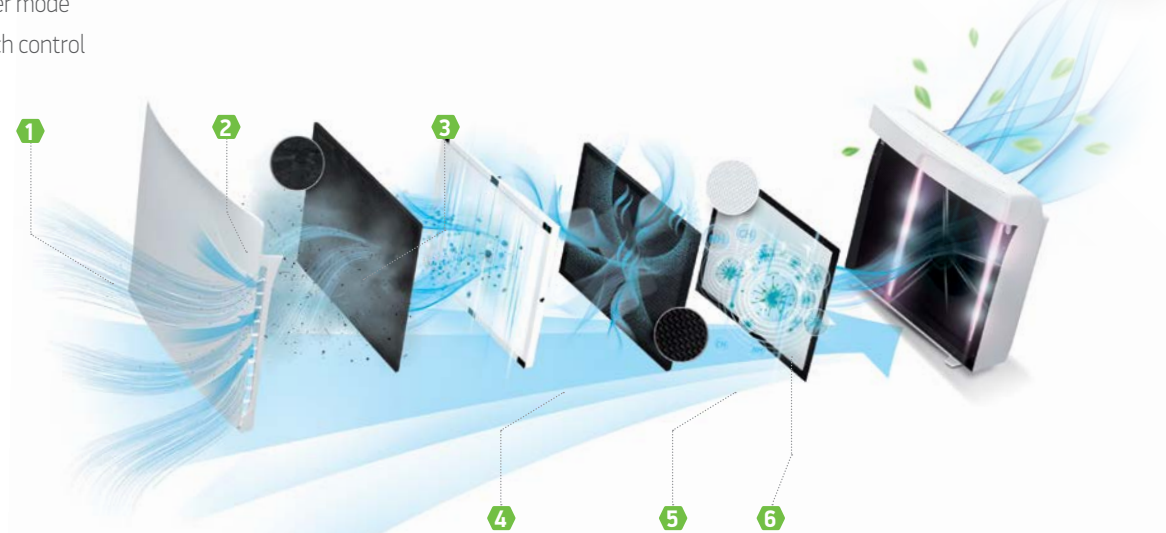
AC37HCICH HAS 6 STAGES OF AIR PURIFICATION:

- 1. Pre-filter:** Filters dust, hair, pet fur and large floating particles. Effectively reduces problems of infants and children with itching, rashes, redness, sneezing and runny nose.
- 2. Filter 3 in 1:**
 - **HEPA main filter** with a 99.98% efficiency – The function of the HEPA filter is to absorb particles – dust, pollen, fungi spores and different kinds of bacteria. HEPA filter can not absorb particles smaller than 0.3 micron – such as chemical evaporations, gases, some tobacco smoke particles, germs and viruses. Effective for filtering micro-particles and for reducing headaches, bronchial asthma, nose allergies, low immunity, skin allergies.
 - **Activated carbon filter** – Activated carbon works through a process called adsorption, through which polluted air particles are trapped in the porous structure of the carbon layers. This method removes odors such as: from animals, paints, cigarette smoke and more.
 - **Cold catalyst** – absorbs and decomposes harmful gases in the air like formaldehyde and benzene.
- 3. Humidifying filter:** Increases the filtering effectiveness of the device, by freshening up the air in the room.
- 4. Ionizer:** The ionizer disperses negative ions in the room in order to enhance cleaning process and at the same time it freshens up air. Negative ions combine with dust particles in the air and fall to the floor, because of their own weight (dust and ions that have combined with it).

AC16EHCI

AIR PURIFIER

- 6 stages of air purification
- For area up to 18 m²
- Maximum power: 65 W
- CADR (filtered air volume per hour): 70 m³/h
- 3 fan speeds
- Negative Ions: > 4*10⁶ pcs/cm³
- Filter replacement indicator
- Timer mode
- Touch control



AC 16 EHCI HAS 6 STAGES OF AIR PURIFICATION:

- 1. Carbon filter:** Made from active carbon and intended to absorb odors from cooking and pets, as well as tobacco smoke. It also retains larger dust particles, fluff or fur.
- 2. HEPA filter:** The function of the HEPA filter is to absorb particles – dust, pollen, fungi spores and different kinds of bacteria. HEPA filter can not absorb particles smaller than 0.3 micron – such as chemical evaporations, gases, some tobacco smoke particles, germs and viruses. Effective for filtering micro-particles and for reducing headaches, bronchial asthma, nose allergies, low immunity, skin allergies.
- 3. VOC filter:** Made of granulated active carbon and has very good absorbing capacity for odors, gases and tobacco smoke.
- 4. TiO2 photo-catalytic filter:** Reduces organic pollutants such as benzol and ammonia. It also disactivates bacteria and viruses, which pass through the previous filters and which are not absorbed due to their size.
- 5. UV filter:** The ultra-violet lamps destroy effectively micro-organism cells including microbes, viruses, bacteria and fungi, which are not absorbed by the previous filters due to their size.
- 6. Ionizer:** The ionizer disperses negative ions in the room in order to enhance cleaning process and at the same time it freshens up air. Negative ions combine with dust particles in the air and fall to the floor, because of their own weight (dust and ions that have combined with it).

		MODEL	AC96HCIUV	AC37HCICH	AC16EHCI
		CODE	423388	423430	420114
Maximum power	W		80	55	65
CADR (filtered air volume per hour)	m ³		800	310	70
Number of filters			5	6	6
Applicable area	m ²		96	37	18
PRODUCT DIMENSIONS					
Dimensions H x W x D	mm		665 x 356 x 365	550 x 390 x 245	370 x 310 x 190



DIRECTIVE 2009/125/EC ON ENERGY EFFICIENCY AND PRODUCT INFORMATION

What is the Energy-related products (ErP) Directive?

Directive 2009/125/EC of the European Parliament establishes a framework for setting Community ecodesign requirements for energy-related products, such as like convector heaters, fan heaters, bathroom heaters, towel rails, etc. It contributes to sustainable development by improving energy efficiency and the level of environmental protection, while improving the security of energy supply.

What does this mean in relation to electric heating appliances?

It is a strategy of European Union as a means of reducing energy consumption and carbon emissions in response to climate change. Regulation (EU) 2024/1103 repeals the old Regulation 2015/1188 and it is the implementing measure under Directive 2009/125/EC concerning the electric heating appliances. The adopted measures are estimated to lead to cumulative energy and greenhouse gas emissions. The new rules in particular extend the scope of ecodesign and introduce maximum energy consumption levels for low-power modes, such as the off mode, standby mode, networked standby mode or idle mode. Minimum efficiency levels has been raised. Manufacturers are required to make available spare parts and related information for the purpose of repairing local space heaters. The products that meet the Ecodesign requirements are labeled with a CE mark.

To which TESY products does the new Ecodesign Regulation 2024/1103 apply?

- Electric convector heaters
- Electric fan heaters
- Electric quartz heaters
- Bathroom heaters
- Towel rails

How will consumers know what to choose?

The Ecodesign Regulation is based on the calculation of the 'seasonal space heating energy efficiency' (ns) for each electric heating appliance. Each type of heater must meet the minimum requirements depending on the type of installation (fixed or portable) or on the design (towel rail, visibly glowing radiant heater or standard heater). For TESY products these requirements are as follows: ns = 44,7% for portable (free-standing) appliances; ns = 47.5 % for fixed appliances with a nominal heat output above 250 W; ns = 40.5 % for visibly glowing radiant local space heaters with a nominal heat output equal or below 1,2 kW; ns = 46 % for towel rails with a nominal heat output above 250 W. For better seasonal energy efficiency the appliances shall be equipped with mechanical or electronic thermostat with day or week timer. Other additional control options are also important for energy saving, such as adaptive start, presence detection, open window detection, and others.

How does TESY accept the new regulation?

As an innovative company, TESY welcomes the idea.

TESY Customer experience technologies



Being on the top of the wave, aiming to provide time and energy saving solutions, the TESI engineers from our R&D department developed the Cloud family of products, which are able to be operated via Internet. Anticipating the demand for innovative, reliable and efficient products, TESI released electric convectors incorporating Cloud technology.

Using the mobile application MyTESY simplifies the home appliances operation at any time, any place on the world, using any Internet connection.

The Cloud family has been tested for standards compliance with the following list: (EN60950-1:2006+A2:2013, EN62311:2008, EN301489-1 V2.2.0(2017-03), EN301489-17 V3.2.0(2017-03), EN300328 V2.1.1(2016-11)). The final outcome is full conformity with Radio Equipment Directive (RED) 2014/53/EU Equipment Directive (RED) 2014/53/EU.

TESY's convectors can be tested how will they fit in and look like in a real environment, thanks to our latest app – TESI AR app (augmented reality application). The applications allows you to try out different models and compare them or in case you are not quite sure which model would answer your need, you can use the built-in product advisor.

Heating appliances with MICA heating element

The MICA element consists of two insulation plates and resistive wires, which heat up during operation. This heater has a high percentage of infrared heating, which warms the surrounding objects in the room. The remaining heat is given off in the form of convective heat exchange (warming of the air).

Heating appliances with PTC heating element

The surface of the PTC heating element is made of metallized ceramic material. The ceramic heating element produces harmless infrared heating and air convection. The infrared heating heats the surrounding walls, objects and furniture, which then give heat to the interior of the room. These appliances are economical due to the ceramic's thermal properties allowing material resistance change regarding the surrounding temperature. Power output is adjusted so that the predetermined temperature is reached. This means that an appliance with rated power 1800 W, in case of reduction of the air outflow (or a defective turbine) regulates the output power itself, lowering it to 145–185 W depending on the ambient temperature.

How much power do your appliances consume?

If your appliance has rated power input 1500 W it consumes 1500 W per hour. By the thermoregulator you can adjust the operating temperature. When it is set to a lower degree, it switches off the heating element power more often, because the desired temperature is reached faster (the lower degree corresponds to a lower room temperature for a shorter time). When the degree is the maximum possible, the thermoregulator does not switch off, but the temperature at which the room will warm up depends on other factors such as, for example, its exposure, insulation, etc. Thanks to the thermoregulator, you can determine the degree of warming and therefore the electricity consumption for an astronomical hour.

For room and heating area

Minimum guaranteed heating volume/area at an average coefficient of thermal conductivity $\bar{\alpha} = 0.5 \text{ W}/(\text{m}^2\text{K})$ for the heated room. Higher values for the heated volume/area are achieved at an average value of $\bar{\alpha} = 0.35 \text{ W}/(\text{m}^2\text{K})$. Standard room height – 2.5 meters.

Important: All data regarding heating volume of the TESI household appliances are true and have been verified by independent laboratory and that of the company.

For more information visit [tesy.com](https://www.tesy.com) or follow TESI on the social networks:



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