

INSTALLATION AND USER GUIDE FOR WARMOS RADIATORS

GENERAL INFO

All Warmos radiators are made in Finland, they have been awarded the Finnish Key Flag Symbol and they have CE marking. The frames are manufactured of high-quality cold-rolled steel DC01-AM0. The heater oil is non-freezing and has a pour point of -42 °C, so the heater will not be damaged and will remain in working condition even if left in cold conditions for a long time. The heaters have durable powder coating. The basic colour is white RAL9010, but other colours are available on request. They do not burn dust or electrify air, which makes them suitable for people with dust allergy and electromagnetic hypersensitivity.

SAFETY

Warmos heaters conform to the safety standards EN 60335-1 and EN 60335-2-30. They can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they are supervised and have been given instructions concerning the use of the appliance in a safe way and understand the hazards involved. Children must not play with the appliance. Cleaning and user maintenance shall not be made by children unless they are older than 8 years and are supervised. Children under 8 years must not plug in the cord, adjust the temperature, clean nor maintain the appliance. Keep the appliance and its power cord out of reach of children aged less than 8 years.

Electrical installation must be performed according to the applicable national standards and regulations. Fixed wall-mounting must be carried out by a qualified professional electrician. Electrical installation must be performed according to the wiring instructions. The heaters must be connected to the electrical supply only by using the supply cable fitted to the heater. All Warmos heaters have an overheating trigger which switches off the electric current if the surface temperature rises too high. The insulation class of Warmos heaters is 1 but the ingress protection rating varies by the model.

WARNING

Do not cover the heater to avoid overheating. Do not place clothes directly on the radiator to dry them. Do not place the heater underneath an electrical socket.

MAINTENANCE AND REPAIR

When properly positioned and installed Warmos heaters are durable and long-lasting and do not require actual maintenance. However, if you carry out maintenance operations, always disconnect electrical supply first. We recommend wiping dust and other impurities off the heater surface from time to time. The surface can be wiped with a damp cloth. Do not use chemical or abrasive cleaners as they will damage the surface finish. If the supply cord or the thermostat is damaged, contact the manufacturer or a qualified professional electrician. The heaters are filled with a precise quantity of special oil. Repair work requiring the opening of the oil container and removal of the heating element are only to be made the manufacturer or their service agent. Manufacturer must be contacted if an oil leak occurs. In case of an emergency, contact the manufacturer or a qualified professional electrician.

DISPOSAL

Warmos heaters must be disposed according to the WEEE directive 2002/96/EC. The heaters may not be handled as domestic waste, they must be sorted separately. When the heaters reach the end of their useful life, they shall be returned to a collection facility for electrical and electronic products, and regulations concerning the disposal of oil must be followed. Warmos is a member of Elker, a service company for organizing the collection and recycling of WEEE in Finland. Warmos fulfills its producer responsibility obligations through Elker. Electrical products are subject to a recycling fee, which Warmos pays for all its products. Consumers can take Warmos products to a recycling facility free of charge.

WARRANTY

All Warmos heaters have a 10-year frame warranty. Electrical components are covered by a 2-year warranty.

FURTHER INFORMATION

More information on Warmos heaters and company is on our website **warmos.fi**. You can also scan the below QR codes to reach the Warmos product sites.



Walo series



Warma series



Wahva series



Wieras series



Werstas series

Thank you for choosing Warmos!

PORTABLE WIERAS HEATERS WITH A PLUG (IP20, 230V, 50Hz)

Warmos Wieras heats up the room where and when you need it. These portable 40 and 60cm high heaters are an excellent complement to the basic heating of sauna cabins, porches, guest rooms, construction site booths, offices and industrial properties, just to name a few. The ingress protection rating of the heater is IP20, which means it may only be used in dry spaces and not in the immediate vicinity of a shower, for example. The insulation class is 1. The heater is supplied with a 3-core cable fitted with an earthed plug, white plastic feet and screws for attaching them to the frame. A wheel set is also available as spare part. The heaters conform to the following directives and standards:

Safety standard EN60335-1 and EN 60335-2-30

LVD directive 2014/35/EU

Restriction of hazardous substances directive (RoHS II) 2011/65/EU

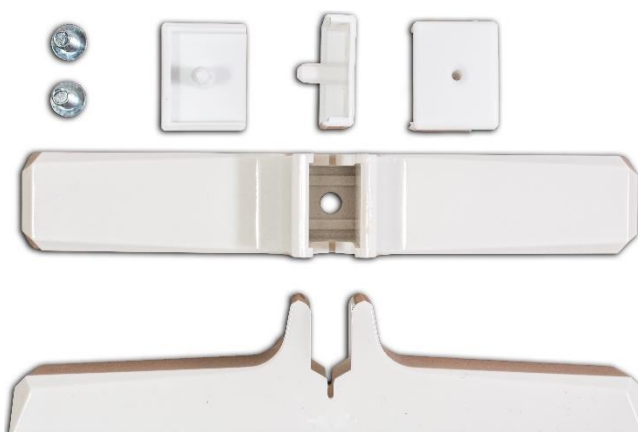
Ecodesign directive 2009/125/EC + 2015/1188/EU



Model	Width mm	Height mm	Power W	Product number
TWB403	560	400	350	8127160
TWB405	720	400	500	8127162
TWB408	1120	400	800	8127161
TWB605	560	600	500	8127176
TWB608	960	600	800	8127178
TWB610	1120	600	1000	8127163
TWB612	1440	600	1250	8127164

Heater placement and attaching the feet

Note the safety distances when placing the heater. The safety distance is 50mm on each side and 100mm upwards and forwards. Do not position the heater underneath an electrical socket. The heater may only be used in dry spaces and not in the immediate vicinity of a shower, for example. Turn the heater upside down, screw the feet onto the brackets and press the white paws onto the ends of the feet. Put the heater in place. Wheels are available as accessories.



Electrical connection

Connect the heater plug to the nearest grounded socket. The heaters must be connected to the electrical supply only by using the supply cable fitted to the heater. You do not need an electrician to install this heater.

Operation

Switch the power on to position I on the O/I switch. The thermostat regulates the room temperature automatically. The thermostat is adjusted on a scale of 1 to 5, where the number 3 corresponds to a room temperature of about 20 °C. If the room temperature does not rise sufficiently even though the heater is constantly heating, the power of the heater is too low for the space.

The heater must not be covered. If the surface temperature rises too high due to it being covered, for example, the overheating trigger switches off the electric current of the heater at 90 °C. In this case, an electrician must reinstall the thermostat, after which the heater is operational again. The heater must not be used if the mains cable is damaged.

MANUFACTURER

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