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# Warmset

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Warmset srl

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# Drum Heater

# General instructions before starting!!



The device can be used by children over the age of 8, by people with reduced physical, mental and sensitive capacity and / or lack of knowledge and experience, only under proper supervision or if have been trained on the appliance and on safe use related risks.



Children must not play with the appliance.



Cleaning and maintenance should not be performed by children without supervision.



Always install the heating unit away from other heat sources as lighting fixtures and fireplaces.



Do not immerse the heater in the liquid.



Keep the container cover taut if the circuits are supplied with electrical voltage. NEVER feed the band when it is wrapped



Use the heater only in approved places.



Keep sharp metal objects away from the heater.



Use a heater with the specific size equal to the size of the drum. Do not use for other applications.

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**Do not handle the heater while it is operating; always disconnect the heater from the power socket and allow it to cool before handling it.**



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**Inspect the heater before use.**



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**Do not wind the heater on itself.**



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**In case of leakage of foreign substances on the heater, disconnect the power supply and clean after allowing the heater to cool down.**



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**Do not operate a heater without an appropriate heat sink (a heated device is considered a heat sink).**



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**Attach the heater to the device with approved methods.**



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**Do not repair damaged or defective heaters.**



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**Do not crush or apply strong physical stress on the heater or cable assembly.**



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**Disconnect the heater when not in use.**





**The person who has not read and understood all the installation instructions is not qualified to install this product.**

**Only qualified personnel are authorized to connect electrical cables.**

**Before making the electrical connections, disconnect all the power cables from the electrical source.**

**All electrical connections must comply with local electrical standards**

**The person performing the installation / Final wiring must be qualified for this job.**

**The end user is responsible for providing a suitable sectioning device.**

**The end user is responsible for providing an adequate electrical protection device. It is highly recommended to use a grounding switch.**



**These instructions are available in digital format at [www.warmset.com](http://www.warmset.com) or can be requested via e-mail at [info@warmset.com](mailto:info@warmset.com)**

# Technical Specifications

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**Adjustable JUMO analogue controller scale 0 ° C ~ 100 ° C**

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**Patented resistance with ground protection**

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**Dielectric strength over 2000 volts (CEI EN 61439)**

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**Power cable 2.5 m H05SSF**

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**Supply voltage 230 V**

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**Intended to be used in dry environments. Do not expose to splashes.**

**All Drum Heater Warmset series comply with the CE marking**

**Approvals valid only if installed in compliance with all applicable instructions, codes and regulations.**



## **WARRANTY**

Warmset guarantees the warranty of this product to the original purchaser for a period of twelve (12) months from the invoice date. The obligation and exclusive remedy by Warmset under this warranty are limited to the repair or replacement, at the discretion of Warmset, of any part of the product that may prove to be defective under conditions of use and maintenance compliant following verification by part of Warmset and which is determined to be defective by Warmset |

Full warranty details can be found online at [www.warmset.com](http://www.warmset.com) or by contacting us on 0039-0444-491328

# Installation Operations

- > **STEP 1**  
Remove the heater from the box. Carry out a visual inspection of the heater. Do not use if the packaging is torn or damaged.
  
- > **STEP 2**  
The heating jacket must be placed on a clean, dry surface. Open the clamp on the heater and place it around the drum with the adjustable thermostat on the top of the heater. The heater should be placed on the drum so that it covers the drum from the bottom to the top of the drum. Secure the karabiner closures so that the heater is stretched over the drum without sagging or packing. Cover the top of the drum with the optional insulation cover (only for 1000 I IBC models).
  
- > **STEP 3**  
Connect the power cord to the correct power supply. The power cable is made up of three conductors with a color code, blue, brown and yellow-green. The blue wire must be connected to Line 1. The brown wire must be connected to Line 2. The yellow-green wire must be connected to earth. The power supply connections must be made taking into account the nominal values to electrically support the voltage and amperage of the heater. The identification label on the power cable shows the required voltage and amperage of the heater. Observe all local electrical codes to make adequate electrical connections.
  
- > **STEP 4**  
Adjust the controller to the desired setting

# Troubleshooting

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**Solution**

Check if the heater is connected to the correct voltage. The identification label on the power cable shows the required heater voltage. Check if there is a resistance reading (the circuit is not open) on the heater using an ohmmeter.

Make sure the circuit breaker is able to handle the required amperage of the heater. The identification label on the power cable shows the required amperage of the heater. Make sure there is no damage to the heater and cable.

Check that the supplied heater has been designed for proper winding around your drum. If the heater has been designed for the specified drum, please call 0039-0444-491328 or contact your dealer for further assistance.

To remove leaks from the surface of the heater, apply any household cleaner, which does not contain any type of ingredient that can dissolve the silicone rubber, with a clean cloth of fabric

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**Problem**

**It doesn't heat**

**Circuit breaker falls down**

**It doesn't fix**

**Something is slightly overturned on the outside or on the inside**

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**Via Ettore Majorana 1**  
**36075 Montecchio Maggiore / Vicenza — Italy**  
**T +39 0444 491328 F +39 0444 496757**

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**[www.warmset.com](http://www.warmset.com)**