



# THERMOROSSI

PELLET, WOOD & SUN TECHNOLOGIES

## MANUALE DI INSTALLAZIONE, USO E MANUTENZIONE



modello  
**SLIM Thermocomfort**

**LEGGERE!**



INFORMAZIONI  
IMPORTANTI PER  
LA SICUREZZA ED  
IL CORRETTO  
FUNZIONAMENTO

# CONTENTS

## DECLARATION OF CONFORMITY

<b>1.</b>	<b>INTRODUCTION</b> .....
1.1	<i>General guidelines</i> .....
1.2	<i>Safety guidelines</i> .....
1.3	<i>Standards and recommendations</i> .....
1.4	<i>Transportation and storage</i> .....
<b>2.</b>	<b>TECHNICAL CHARACTERISTICS</b> .....
<b>3.</b>	<b>GENERAL DESCRIPTION</b> .....
3.1	<i>Operating technology</i> .....
3.2	<i>Pellets</i> .....
3.3	<i>The feedbox</i> .....
<b>4.</b>	<b>INSTALLATION</b> .....
4.1	<i>Heater location</i> .....
4.2	<i>Fastening to the wall</i> .....
4.3	<i>Fastening the heater to the floor</i> .....
4.4	<i>Mounting the casing</i> .....
<b>5.</b>	<b>DESCRIPTION OF CONTROLS</b> .....
5.1	<i>Description of control panel and side panel</i> .....
5.2	<i>Day and time setting</i> .....
5.3	<i>On/Off programming</i> .....
5.4	<i>Operating level setting</i> .....
<b>6.</b>	<b>USE OF THE HEATER</b> .....
6.1	<i>Switching on the heater</i> .....
6.2	<i>Heater combustion and ventilation adjustments</i> .....
6.3	<i>Infrared remote control</i> .....
6.4	<i>Operation of white thermocomfort handheld radio control (optional)</i> .....
6.5	<i>Channelling</i> .....
<b>7.</b>	<b>ADDITIONAL ROOM TEMPERATURE THERMOSTAT (not supplied) ADDITIONAL CHRONOTHERMOSTAT (not supplied)</b> .....
7.1	<i>Operating with the additional room temperature thermostat (not supplied)</i> .....
7.2	<i>Operating with the additional chronothermostat (not supplied)</i> .....
<b>8.</b>	<b>CLEANING AND MAINTENANCE</b> .....
8.1	<i>Foreword</i> .....
8.2	<i>Cleaning and maintaining the heater</i> .....
8.3	<i>Charging the handheld radio control battery</i> .....
8.4	<i>Replacing the battery in the remote control</i> .....
8.5	<i>Replacing the buffer battery of the control panel</i> .....
<b>9.</b>	<b>SMOKE DISCHARGE TUBE</b> .....
9.1	<i>Ventilation of the rooms</i> .....
9.2	<i>Smoke outlet</i> .....
<b>10.</b>	<b>ALARMS</b> .....
<b>11.</b>	<b>ELECTRICAL WIRING</b> .....
<b>12.</b>	<b>INFORMATION FOR THE SKILLED TECHNICIAN</b> .....
12.1	<i>Main components and their operation</i> .....
12.2	<i>Useful advice for installation and operation</i> .....
12.3	<i>Troubleshooting</i> .....
<b>13.</b>	<b>SPARE PARTS</b> .....

## DICHIARAZIONE DI CONFORMITA' *DECLARATION OF CONFORMITY*

La **THERMOROSSI S.P.A., VIA GRUMOLO N° 4 36011 ARSIERO (VI)**, sotto la sua esclusiva responsabilità DICHIARA che l'apparecchiatura descritta in appresso:

*DECLARES that the product:*

Descrizione <i>Description</i>	Stufa a pellets <i>Pellet stove</i>
Marchio <i>Trademark</i>	<b>THERMOROSSI S.P.A.</b>
Modello <i>Model</i>	<b>ECOTHERM SLIM THERMOCOMFORT</b>

**è conforme alle disposizioni legislative che traspongono le seguenti Direttive:**

- **2004/108/CE (Direttiva EMC)**
- **2006/95/CE (Direttiva Bassa Tensione)**
- **89/106/CEE (Direttiva Prodotti da Costruzione) e successivi emendamenti**

*is in accordance with the following Directives:*

- **2004/108/EC Directive (EMC Directive)**
- **2006/95/EC Directive (Low Voltage Directive)**
- **89/106/EEC Directive (Construction Products Directive) and subsequent amendments**

e che sono state applicate tutte le norme e/o specifiche tecniche di seguito indicate  
*and that all the following standards have been applied*

EN 55014-1  
EN 55014-2  
EN 61000-3-2  
EN 61000-3-3

EN 60335-1  
EN 60335-2-102  
EN 62233

EN 14785

# 1 INTRODUCTION

## 1.1 GENERAL GUIDELINES

°This installation, use and maintenance guide is an integral and essential part of the product and must be kept by the user. Before commencing with the installation, use and maintenance of the product, carefully read all the instructions contained in this booklet. All local, national and European regulations regarding the installation and use of the appliance must be met. The Manufacturer recommends carrying out all the maintenance operations described in this manual.

This appliance must only be used as intended by the manufacturer. Any other use is considered incorrect and therefore hazardous; consequently, the user shall be totally liable for the product if used improperly. Installation, maintenance and repairs must be carried out by professionally qualified personnel, professionally certified according to Decree no. 37 of 22 January 2008 and in compliance with current regulations and in accordance with the instructions provided by the manufacturer of the appliance. In case of repairs only original spare parts supplied by the manufacturer must be used. Incorrect installation or poor maintenance could injure or damage people, animals or things; in this case the manufacturer shall be relieved of all responsibility.

Before commencing any cleaning or maintenance operation ensure that the appliance has been disconnected from the mains power supply by means of the main system switch or some other disconnecting device installed upstream from the appliance. The product must be installed in locations suitable for fire-fighting and furnished with all the services (power and outlets) which the appliance requires for a correct and safe operation. Any repairs or actions carried out on any systems, components or internal parts of the appliance, or on any of the accessories supplied with it, that are not specifically authorised by Thermorossi s.p.a, will automatically void the warranty and the manufacturer's responsibility, pursuant to D.P.R. 224 of 24/05/1988, art. 6/b. Use only original Thermorossi spare parts.

Keep this manual in a safe place that is easily accessible to all users: if the manual is lost contact the manufacturer for a replacement copy. If the appliance is sold or transferred to another user ensure that the guide is handed over with it.

*Thermorossi S.p.A. maintains the author's rights on these service instructions.*

*The information in this booklet may not be reproduced or given to third parties or used for competitive purposes without the appropriate authorization.*

## 1.2 SAFETY GUIDELINES



### PERSONAL INJURY

This safety symbol identifies important messages throughout the manual. Read the information marked by this symbol carefully as non-observance of this message can cause serious injury to persons using the heater.



### DAMAGE TO PROPERTY

This safety symbol identifies messages or instructions that are fundamental for the heater and system to function well. To avoid serious damage to the heater adhere strictly to these instructions.



### INFORMATION

This symbol indicates important instructions for good functioning of the heater. If this information is not correctly observed, the performance of the heater and/or system will not be satisfactory.

## 1.3 STANDARDS AND RECOMMENDATIONS



### NORMATIVE REFERENCES :

complies with the legislative provisions transposing the following Directives:

2004/108/CE (EMC Directive)

2006/95/CE (Low voltage directive)

89/106/CEE (Construction Products Directive) and subsequent amendments

and that all the standards and/or technical specifications listed below were applied

EN 55014-1

EN 55014-2

EN 61000-3-2

EN 61000-3-3

EN 60335-1

EN 60335-2-102

EN 62233

EN 14785

### RECOMMENDATIONS

Before using the appliance, carefully read every section of this instruction manual as knowledge of the information and the regulations contained in it are essential for a correct use of the appliance.

The entire operation concerning the connection of the electric panel must be carried out by expert personnel; no responsibility will be accepted for damages, even to third parties, if the instructions for installation, use and maintenance of the appliance are not followed scrupulously. Modifications made to the appliance by the user or on his behalf, must be considered to be under his complete responsibility. The user is responsible for all the operations required for the installation and maintenance of the appliance before and during its use.

### GENERAL WARNINGS

**Caution:** the appliance must be connected to a system provided with a PE conductor (in compliance with the specifications of 73/23/EEC, 93/98/EEC, concerning low voltage equipment). Before installing the appliance check the efficiency of the earth circuit of the power supply system.

**Caution:** the power supply line must have a section which is suitable for the power of the equipment. The cable section must in any case be no less than 1.5 mm<sup>2</sup>. The appliance requires a power supply of 230V and 50 Hz. Voltage variations 10% above the nominal value can cause irregular operation or damage to the electrical device. Position the appliance so that the electric power plug is easily accessible. Voltage variations less than 10% of the nominal value can cause lighting and use problems. Apply a current regulator. Ensure that a suitable differential switch is installed upstream from the equipment.