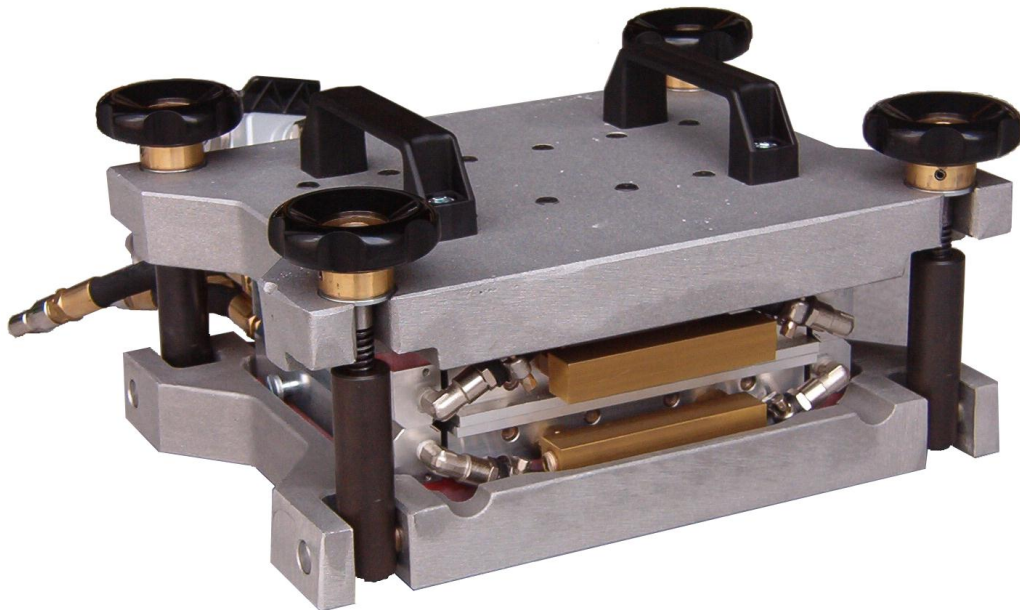


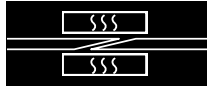
Heat press **PF-150C**





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0 Preface

Habasis thanks you for purchasing the

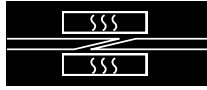
PF-150C

If you handle your PF-150C press with care, it will guarantee joint reliability and quality for many years to come.

This document includes spare parts and product diagrams



Observing the instructions in this manual lets you work during: handling, installation, use and maintenance phases in safe conditions while guaranteeing good machine working order and economies of scale. HABASIT Italiana S.p.A. is not liable for damages due to negligence or failure to observe these instructions.



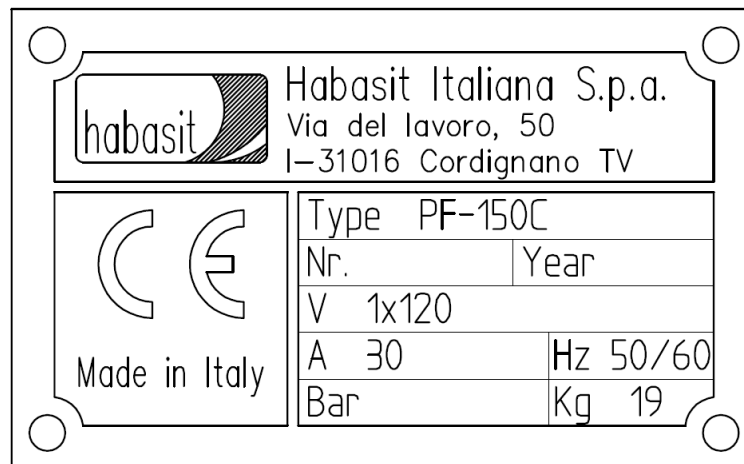
1 Machine identification data

Machine	Heat press
Type/Series	PF-150C
Serial number	See EC identification plate
Year of construction	See EC identification plate

1.1 Identification plate and EC markings

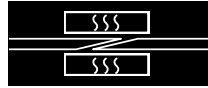
The following identification plate was affixed to the press (FAC SIMILE)

:



This plate SHOULD NOT BE REMOVED for any reason. If damaged, please request a copy.

If necessary, the plate data must be communicated for service or spare parts.



DICHIARAZIONE DI CONFORMITÀ

DECLARATION OF CONFORMITY

2006/95/CE



Noi We

HABASIT ITALIANA S.p.A.
Via del Lavoro, 50
I - 31016 Cordignano (TV) - ITALY

dichiariamo sotto la nostra esclusiva responsabilità *declare under our sole responsibility*
che l'apparecchiatura tipo: *that the device type:*

Pressa a caldo Hot press

Modello: *Series:*

PF-150C

Matricola: *Serial Number:*

è conforme alle seguenti direttive: *is in conformance with the following directives:*

2006/95/CE

Direttiva Bassa Tensione *Low Voltage Directive*

2004/108/CE

Direttiva Compatibilità Elettromagnetica *Electromagnetic Compatibility Directive*

ed è conforme alle disposizioni delle seguenti norme *and is in conformance with the rules of the*
armonizzate: *following harmonized standard:*

UNI EN ISO 12100/2010

CEI EN 60204-1/2006

Il Fascicolo Tecnico viene conservato presso: *The Technical File is stored at:*

HABASIT ITALIANA S.p.A.
Via del Lavoro, 50
I - 31016 Cordignano (TV) - ITALY

Cordignano,

Il Direttore Generale
General Manager

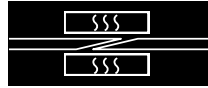
Ugo Passadore

Il Responsabile del Fascicolo Tecnico
Technical File Manager

Matteo Mapelli

.....

.....



DICHIARAZIONE DI INCORPORAZIONE

DECLARATION OF INCORPORATION

2006/42/CE – Allegato II - B



Noi We

HABASIT ITALIANA S.p.A.
Via del Lavoro, 50
I - 31016 Cordignano (TV) - ITALY

dichiariamo sotto la nostra esclusiva responsabilità che la quasi-macchina tipo: *declare under our sole responsibility that the partly completed machinery type:*

Pressa a caldo Hot press

Modello: *Series:*

PF-150C

Matricola: *Serial Number:*

è conforme ai requisiti essenziali della salute e sicurezza il cui elenco è riportato nella documentazione tecnica pertinente, secondo l'allegato VII – B della Direttiva 2006/42/CE, conservata presso: *is in conformance with the essential health and safety requirements, the list of such is reported in the relevant technical documentation, according with the annexed VII – B of 2006/42/EC directive, at:*

HABASIT ITALIANA S.p.A.
Via del Lavoro, 50
I - 31016 Cordignano (TV) - ITALY

ed è inoltre conforme alla Direttiva Bassa Tensione 2006/95/CE. *and is also in conformance with the 2006/95/CE Low Tension Directive.*

Ci impegnamo a trasmettere le informazioni pertinenti su richiesta adeguatamente motivata dalle autorità nazionali. *We strive to provide the relevant information on reasoned request by national authorities.*

E' comunque espressamente vietato procedere all'avviamento della quasi-macchina in oggetto prima che il sistema al quale è prevista la sua incorporazione sia dichiarato conforme alle vigenti direttive CE. *It is however expressly forbidden to proceed with the start up of the said partly completed machinery before the system which is intended for its incorporation is declared to be in conformity with the current EC directive.*

Cordignano,

Il Direttore Generale
General Manager

Ugo Passadore

Il Responsabile della documentazione tecnica
Technical documentation manager

Matteo Mapelli

.....

.....



2 Regulations and general warnings

2.1 Manual layout criteria

This manual observes the organizational rules and requirements of Directive 2006/42/, duly amended, being the Directive of the Council of the European Community, concerning the reconciliation of the laws of member states regarding machines, and also all the other Directives and Regulations referred to in the said Machine Directive, inspired by criteria which, in addition to illustrating the technical characteristics of the machine and its use, maintenance and troubleshooting methods, also clearly indicate the following:

- All the protection measures adopted on the machine, fully integrating design safety planning and construction safety
- All protection measures to be adopted to meet those risks that cannot be completely eliminated
- All indications for the training of personnel using the machine, while indicating where it is necessary to provide for individual safety protection devices.
- The manual is divided up into sections. Each section deals with a specific subject in which every aspect of safety is considered and clearly highlighted in the text.

2.2 Manual use criteria

HABASIT encourages the reader to fully read this manual when receiving the equipment it comes with and, in any case, before handling the equipment. This manual is designed to provide all the instructions, indications and warnings needed by the user to learn about the equipment, understand its main operating principles and be suitably informed for safe use.

In addition to the instructions in this manual, we would ask users to observe any specific current laws.

This manual must be considered as an essential part of the equipment. Its contents must be made known to the entrusted maintenance persons and users.

The purpose is to provide all the information required for good, correct use of the equipment.

The manuals must be kept throughout the equipment's life and must be updated in the event of modifications aimed at improving the equipment's performance.

The manuals must be available to qualified personnel.

Consultation of this manual is facilitated by the general index on the first page, which makes it possible to immediately find the subject of interest.

If the subject dealt with is particularly important it is highlighted with references to the type of technical personnel required to intervene.

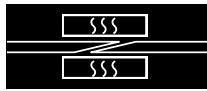
All updates HABASIT considers necessary to improve the quality of the equipment will be communicated by way of sending of further specific documentation or a new manual to replace the previous one.

Should the equipment be transferred to another customer, manuals must be included and HABASIT informed in order to provide future modifications or updates.

A copy of this manual, delivered with the equipment, is meant for the maintenance operators, who shall read and keep it near the equipment, and consult it before undertaking any action on the equipment.

The PF-150C press was designed to hot join thermoplastic toothed belts.

It was exclusively designed for the applications described hereto. Other or unsuitable applications are prohibited. Habasis shall not be liable for unintended application consequences. The **PF-150C** press was professionally manufactured in accordance with EC safety instructions. All assembly, maintenance and repair work, as well as the operation of the equipment, is expected to be carried out by qualified personnel or staff under the supervision of responsible specialists and experts..



For space reasons, these instructions for use cannot cover all possible operating, maintenance and repair aspects. The indications provided concern normal machine use by qualified personnel. In the event of doubt or in need of further information, always contact the manufacturer.



3 Technical specifications

3.1 Electrical specifications

Power	2 x 1800 W = 3600 W
Supply voltage of resistance	120 V ~
Frequency	50-60 Hz

3.2 Pneumatic characteristics

Fluid characteristics	Filtered, non-lubricated air
Maximum working pressure	6 bar \pm 0.2 bar / 43.51 psi
Min. supply diameter	Rapid connector of 1/4"

3.3 Dimensions and environmental characteristics

Dimensions (LengthxWidthxHeight) (including handles)	510L x 350W x 180H mm 20L x 13.7W x 7H inches
Total Weight	19 kg / 42.6 lbs.
Noise level	< 70 db
Working temperature	Between 15°C – 38°C / 59°F – 100.4°F
Humidity tolerance	Between 45 – 70%

3.4 Production specifications

Max length of belt	150 mm / 6 inches
Max width of belt	11 mm / 0.43 inches
Minimum length of belt	900 mm / 35.4 inches
Maximum zigzag length	130 mm / 5.11 inches
Max. working temperature	200° C / 392° F



3.5 Dimensions

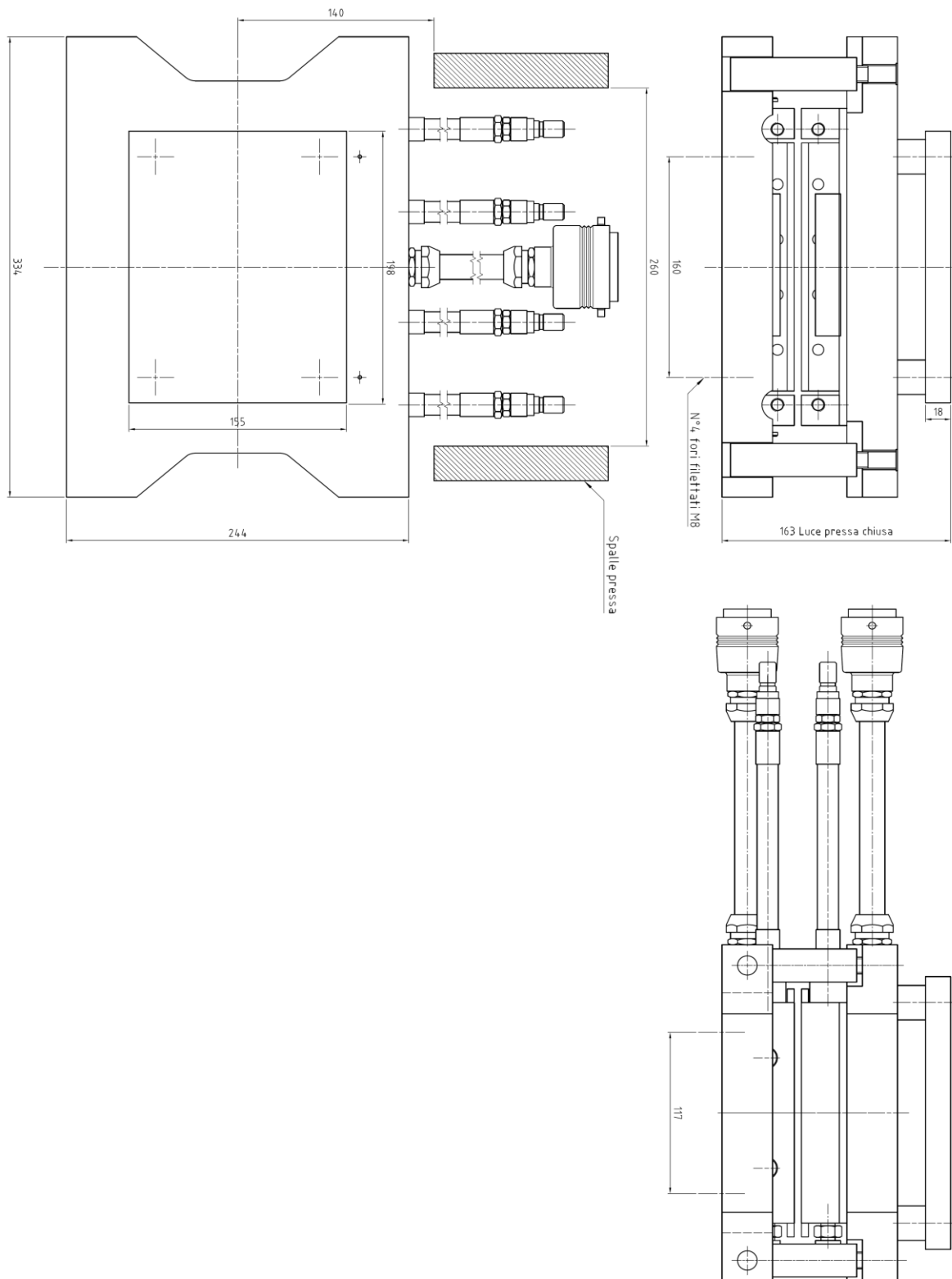


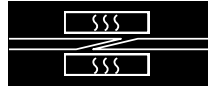
Fig. 1 – press general dimensions PF-150C



PF-150C		Internal parts
Position.	Code	Description
1	H08D002924	HEATING PLATE
2	H08D002925	UPPER COOLING UNIT
3	H08D002926	LOWER COOLING UNIT
4	H08D002927	INSULATING
5	H08D002928	WIRE SHEATH
6	H08D002929	CENTERING d4,2 D8 L16
7	H08D002930	CENTERING d5,1 D8 L5
8	H08D002936	COOLING FITTING
9	H08D002670	THERMOCOUPLE
10	H08205C117	FEED AND DISCHARGE TUBE
11	H08D003095	LONG GROUNDING WIRE
12	H08D003096	SHORT GROUNDING WIRE
13	H08N011960	COPPER WASHER 1/8"
14	H08N020908	1/8"M 1/4"F REDUCTION CODE 2105002
15	H08N020416	MALE COUPLING 162A 1/4"F
16	H08N021037	M1/8-M1/8 BRASS FITTING CODE 2060
17	H08N010423	CONIC BRASS PLUG G1/8" DIN 906
18	H080642115	THREADED BUSHING M5 ENSAT 302 0 050.16
19	H08N011962	WIDE HEAD SCREW M5x16 BN405 art. n°1167669 BOSSARD
20	H08N040368	CARTRIDGE RESISTANCE Ø8x160 W300 V110 LC500
21	H08N040372	CARTRIDGE RESISTANCE Ø8x160 W600 V110 LC500
22	H08N020946	HOSE END FITTING cod.3040-8-1/8 AIGNEP
23	H08N020385	"L" COUPLING mod.2020 1/8M-1/8F
24	H08N021154	HOSE CLAMP 10x16 HU FIRMA cod. 4980205
25	H08N060690	WATER HOSE D 6x14 MANITOBA
25	H08N060690	WATER HOSE D 6x14 MANITOBA
25	H08N060690	WATER HOSE D 6x14 MANITOBA

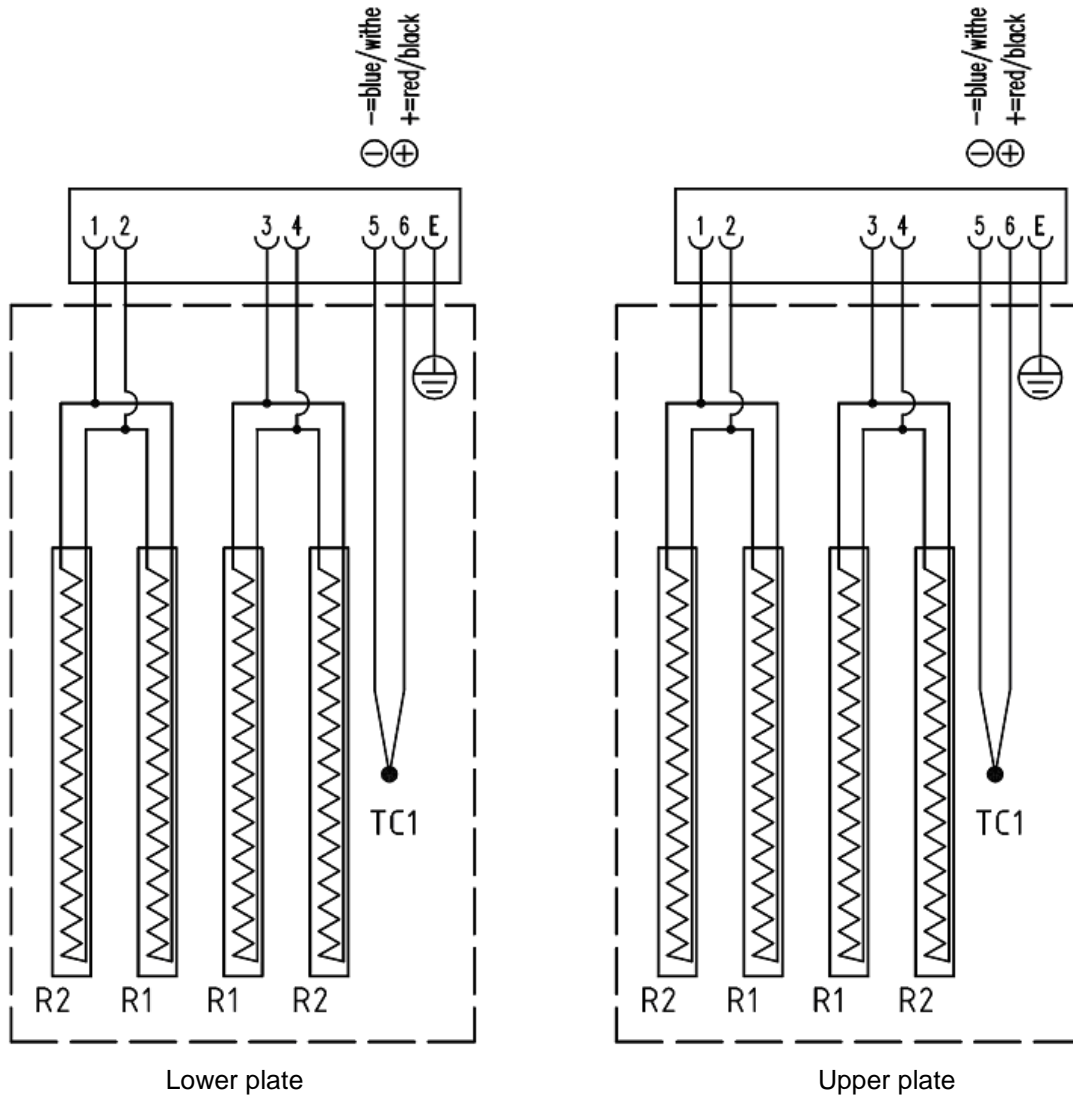


Press PF-150C			External parts
Position	Q.ty	Code	Description
1	1	H08D002998	LOWER SHELL
2	1	H08D002999	UPPER SHELL
3	4	H08D002933	THREADED PIN
4	4	H08D002934	HAND WHEEL
5	4	H08D002935	D14 L54 PIN
6	24	H08D003000	CENTERING d5,5 D16 L17
7	4	H08D003001	WASHER
8	4	H080700048	PT-300/PT-600 P-0822000 CLOSING PIN
9	2	H08N060003	M. 443/140 N 37131 HANDLE
10	4	H08N010612	PUFFER D20x10 M5
11	4	H08N011981	LOCK RING SW12 GANDINI
12	2	H080691019	WIRE PAIR
13	2	H080704541	6-POLE MOBILE CASE + T. IP65 VERT. LG ILME CHV 06 LG
14	2	H080704510	PLUG SOCKET ILME 6P+T 16A 400V

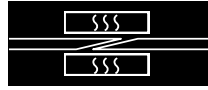


5 Press wiring diagram

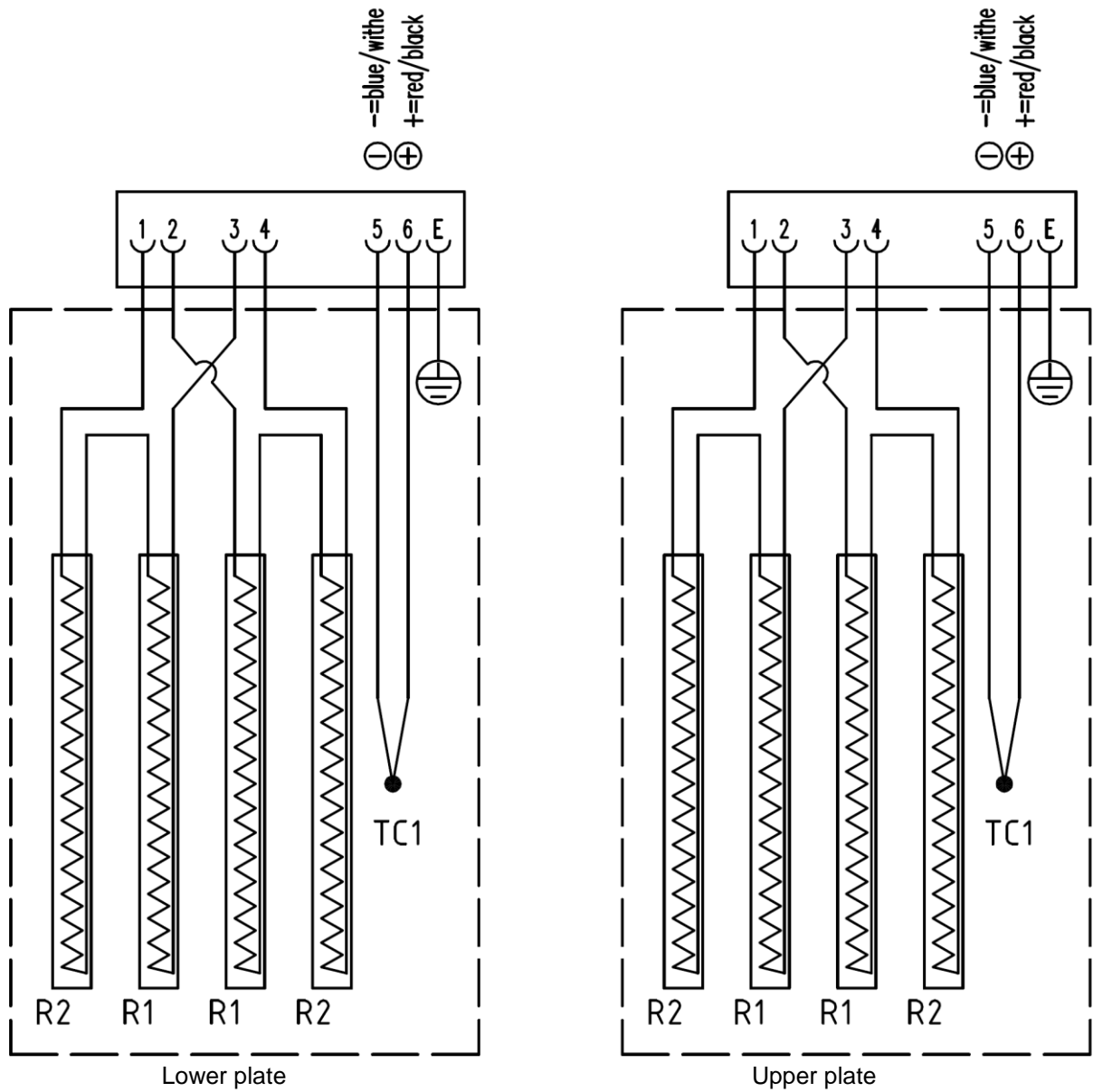
5.1 Wiring diagram for 110V power supply



Abbreviation	Description	Code
TC1	Thermocouple	H08008A124
R1	Resistance 110V 300W	H08N040368
R2	Resistance 110V 600W	H08N040372



5.2 Wiring diagram for 230V power supply



Abbreviation	Description	Code
TC1	Thermocouple	H08008A124
R1	Resistance 110V 300W	H08N040368
R2	Resistance 110V 600W	H08N040372



6 Product and product use liabilities

For any further clarifications, contact Habasis Italiana S.p.A. customer service at the following address:

Habasis Italiana S.p.A.

Via del Lavoro, 50.

31016 CORDIGNANO (TV) - ITALY

Phone: +39 0438 9113

Fax: + 39 0438 912374

E_mail : info@habasis.it

Internet : www.habasis.com

Product liability, application considerations

The proper selection and application of Habasis products, including the related area of product safety, is the responsibility of the customer.

All indications / information are recommendations and believed to be reliable, but no representations, guarantees, or warranties of any kind are made as to their accuracy or suitability for particular applications. The data provided herein are based on laboratory work with small-scale test equipment, running at standard conditions, and do not necessarily match product performance in industrial use. New knowledge and experiences can lead to modifications and changes within a short time without prior notice.

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This use and maintenance manual and its attachments are translated from original language (Italian)