ThermoFLUX

CAZAN PE PELETI

PELLING

EXTINDERE DE GAMA 2025

DECLARATION OF CONFORMITY EU (DoC)

In accordance with ISO/IEC Guide 22 and EN 45014

Manufacturer ..... : **ThermoFLUX d.o.o.**
Bage 3, 70101 Jajce
Bosna i Hercegovina

We declare under our sole responsibility that the product:

Name / Mark.....: Heating pellet boilers

Type / Model.....: PELLING 75, PELLING 100

To which this declaration relates, in accordance with the following normative documents:

Directives: MD 2006/42/EC
LVD 2014/35/EU
EMCD 2014/30/EU
RoHS 2011/65/EU

Applied harmonizied standards: EN 303-5:2012; EN ISO 12100:2010; EN 287-1: 2011, EN 61000-6-2; EN 61000-6-3; EN 60335-1; EN 60335-2-102; EN 62233; EN 50581; EN 303-5:2021; EN 304:2017; EN 45001; EN ISO/IEC 17025:2018.

Other specified standards and specifications: EN 55014-1:2006/A2:2011; EN 55014-2:1997/A2:2008; EN 61000-3-2:2006/A2:2009; EN 61000-3-3:2008; EN 10204:2004; EN ISO 7000 :2004

Applied procedures for assessing compliance: Table 7, EN 303-5: 2021

Limit values for emissions of combustion products (class): 5

Certificates that are issued: Report on type testing No. 309

Accredited body: Termoplam Ltd. , Testing laboratory
Republic of Bulgaria, Sofia 1309,Residential Complex
"Razsadnik-Konyovitsa" bl. 82, ent. B, 3rd floor, ap. 53.

We hereby declare that the above named product concept and method of preparation, in accordance with safety and security standards that comply with the above directives and standards.
In doing all operating conditions and terms of use in accordance with the attached instruction manual and technical documentation.
When only one change to the product which is not in agreement with us, this declaration loses its importance.

Last name, first name and title of signatory:

Jajce, 05.04.2025

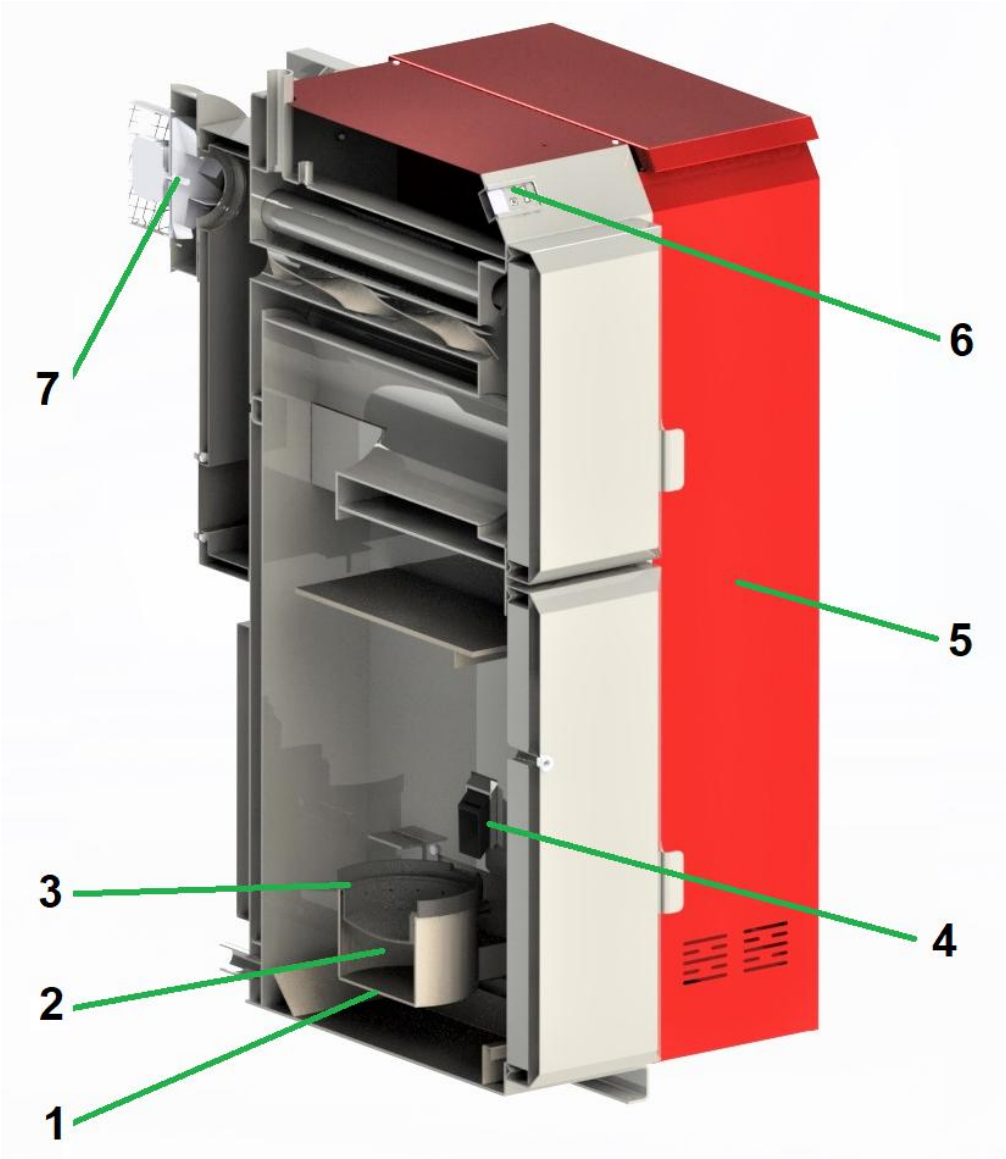
Place and date of issue

THERMO-FLUX d.o.o. JAJCE

Direktor Tomislav Ladan

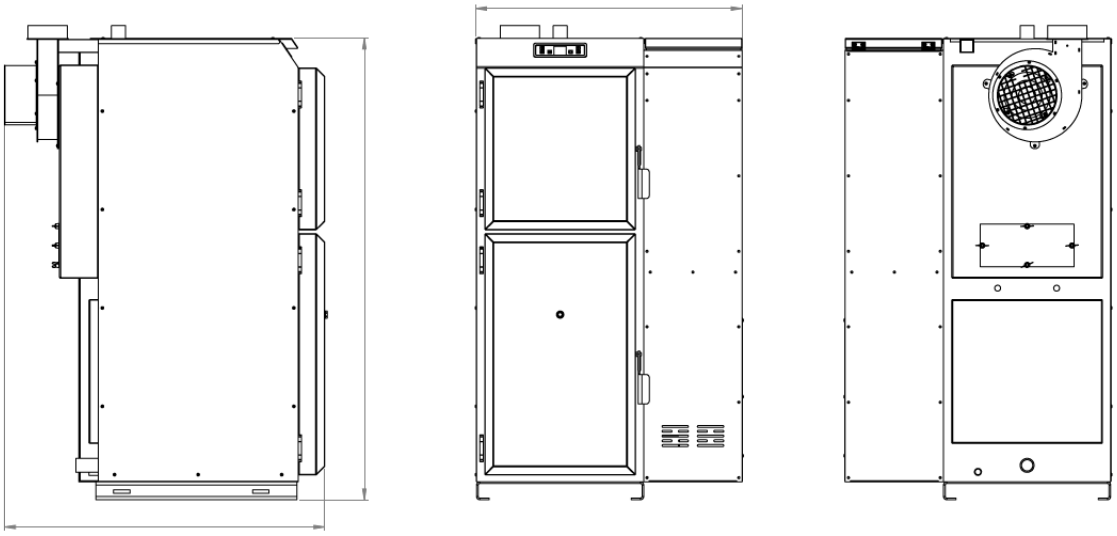
Signature , Seal

Descriere PELLING



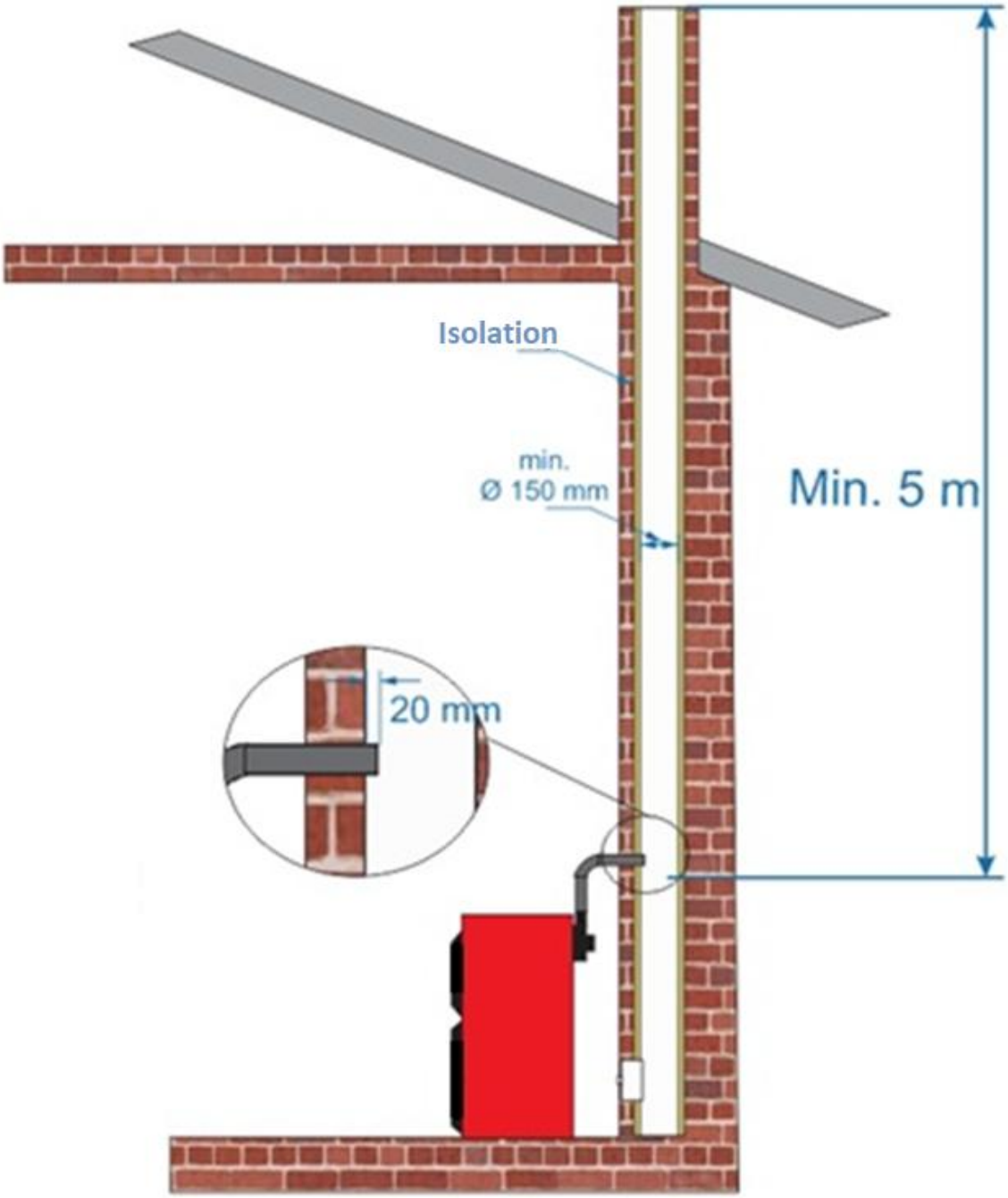
1. Arzator
2. Aprinzator
3. Camera de ardere
4. Alimentare peleti
5. Rezervor peleti
6. Panou comanda
7. Exhaustor

Date tehnice

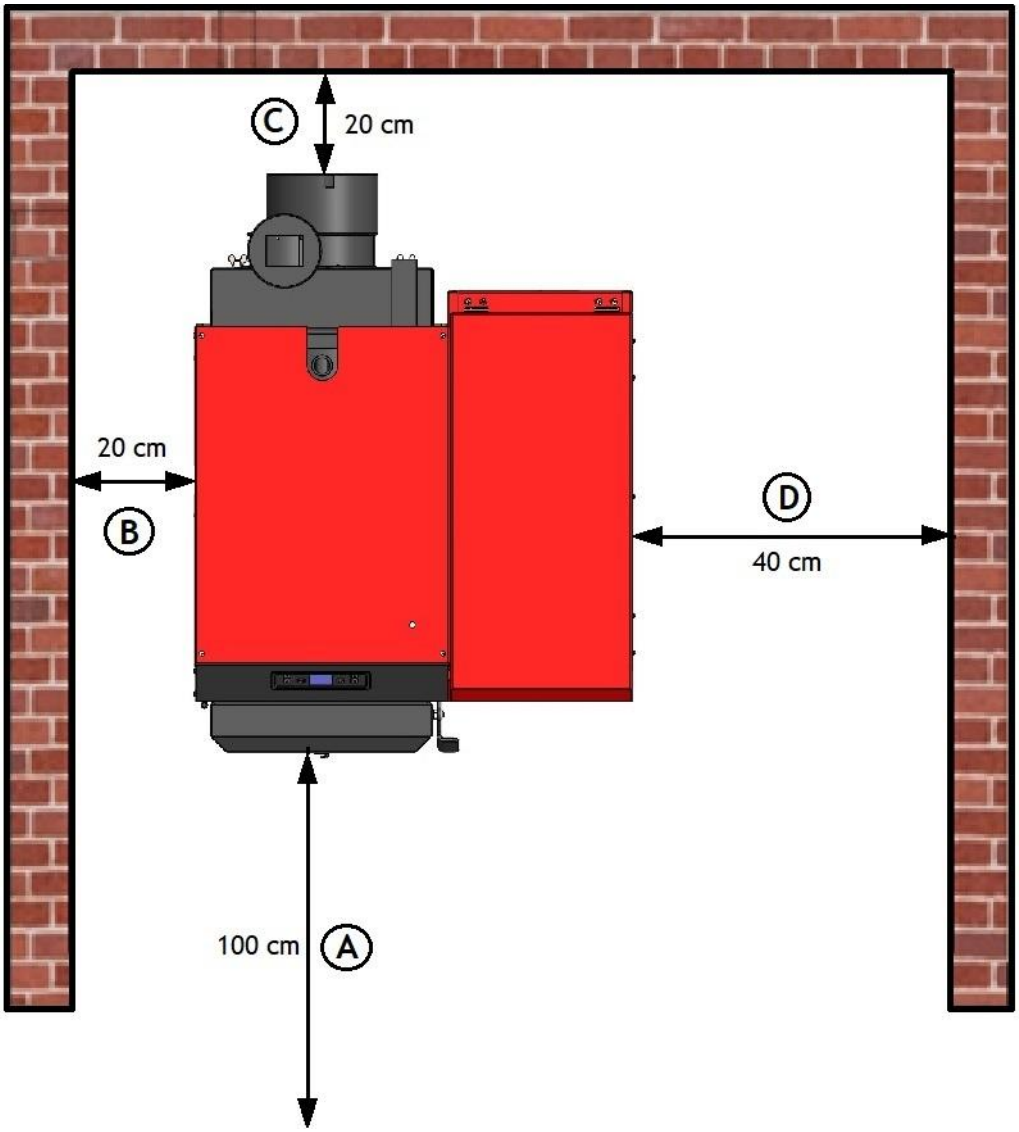


		Pelling 18	Pelling 25	Pelling 35	Pelling 50	Pelling 75	Pelling 100
Performante (masurate conf. EN 303-5: 2012)							
Putere maxima	kW	18	25	35	50	75	100
Putere minima	kW	6	8	11,7	16,5	25	33
Alimentare cu energie electrica	V,Hz	230V,50 Hz	230V, 50 Hz	230V, 50Hz	230V, 50Hz	230V, 50 Hz	230V, 50 Hz
Clasa cazan		5	5	5	5	5	5
Informatii generale							
Presiune maxima	bar	2,5	2,5	2,5	2,5	2,5	2,5
Temperatura maxima	°C	80	80	80	80	80	80
Temperatura minima AT retur	°C	50	50	50	50	50	50
Combustibil - peleti		EN PLUS - UNI EN 14961 - 2 (UNI EN ISO 17225-2) Class A1/A2					
Consum peleti (min/max)	kg/h	1,3/3,9	1,6/5,2	2,3/6,7	3,5/11,1	5,2/16,6	6,5/22,2
Capacitate rezervor peleti	kg	75	75/135	95/151	110/185	270	290
Minimal fresh air opening	cm	30x15	30x15	30x15	30x15	30x15	30x15
Date tehnice							
Latime cazan	mm	410	410	510	510	560	650
Latime cazan, inclusiv rezervor peleti	mm	710	710/910	810/1010	810/1010	1060	1150
Inaltime	mm	1245	1245	1385	1385	1670	1650
Adancime	mm	798	948	948	1098	1240	1240
Volum AT	l	48	60	90	120	154	181
Weight	kg	197	267	348	392	494	580
Cota tur/retur	mm	1280/88	1280/88	1415/85	1415/85	1568/70	1532/75
Tiraj natural cos de fum	Pa	5	5	5	5	5	5
Cota racord cos	mm	1420	1420	1440	1440	1598	1630
Diametru racord cos	Ø	120	120	120	120	150	150

Racordare la cosul de fum



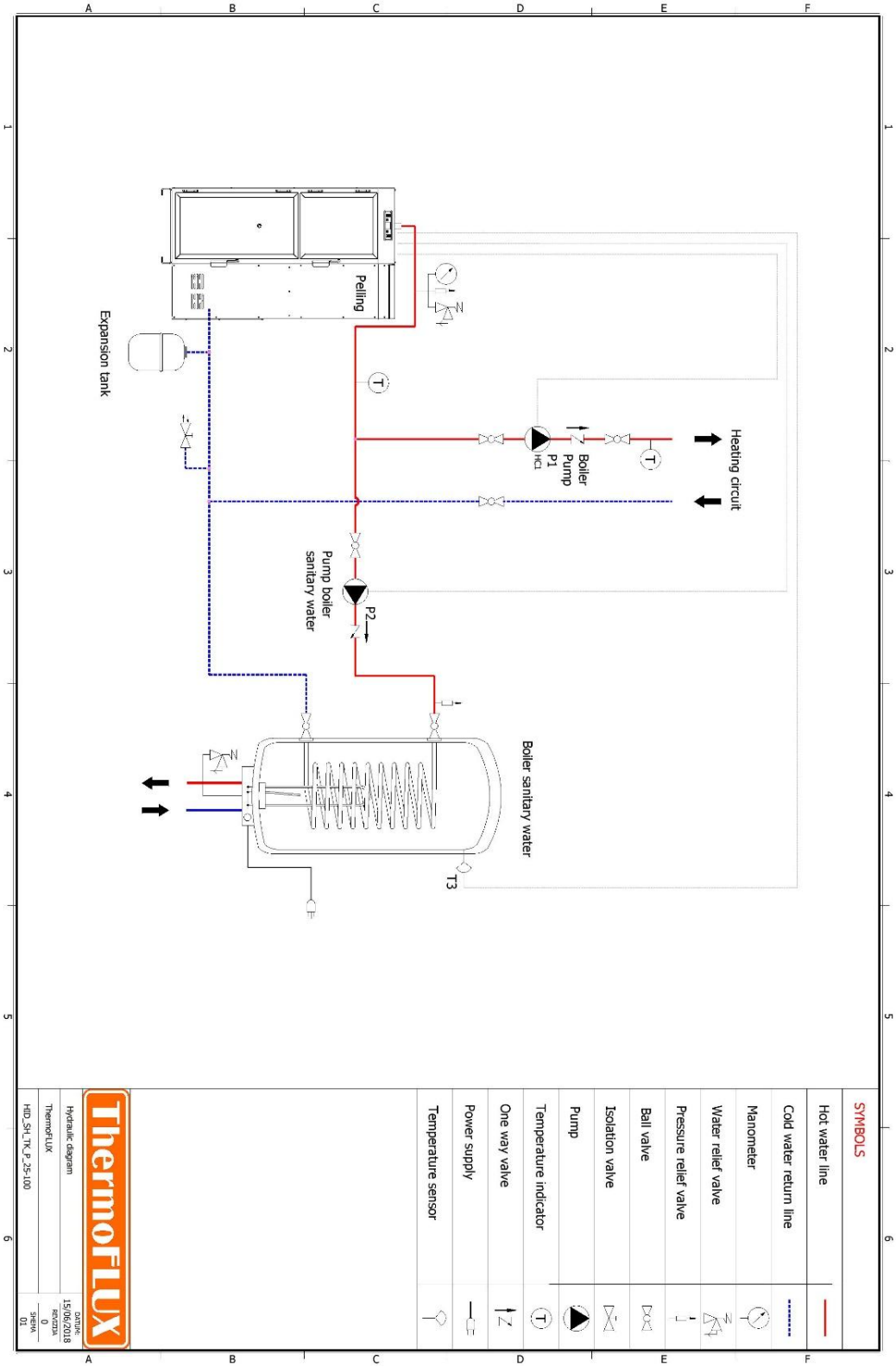
Amplasare in sala cazanului

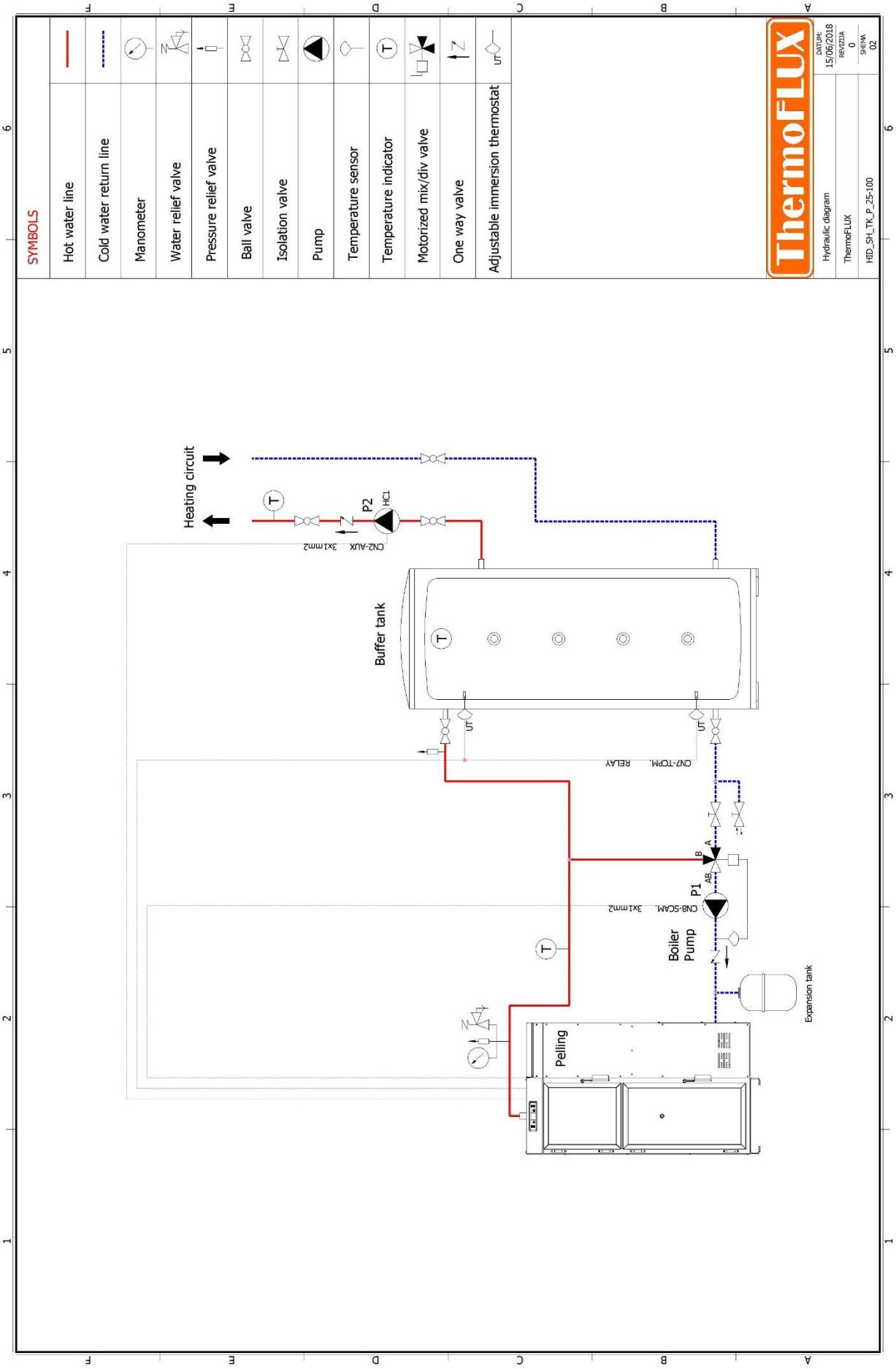


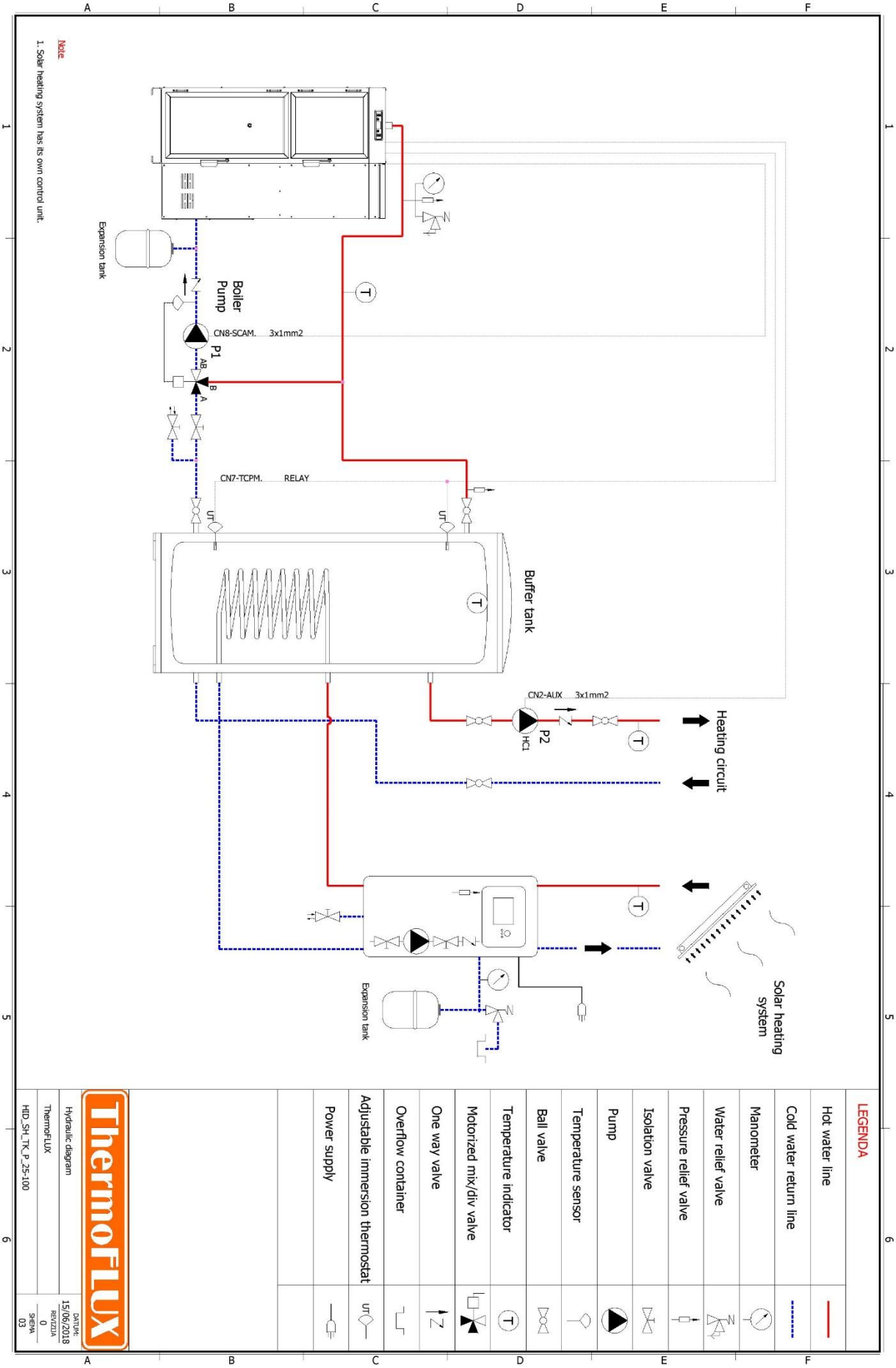
A – minimum frontal - **100 cm**
B – minimum lateral (**corp cazan**) - **20 cm**
C – minimum spate- **20 cm**
D – minimum lateral (**rezervor**) - **40 cm**

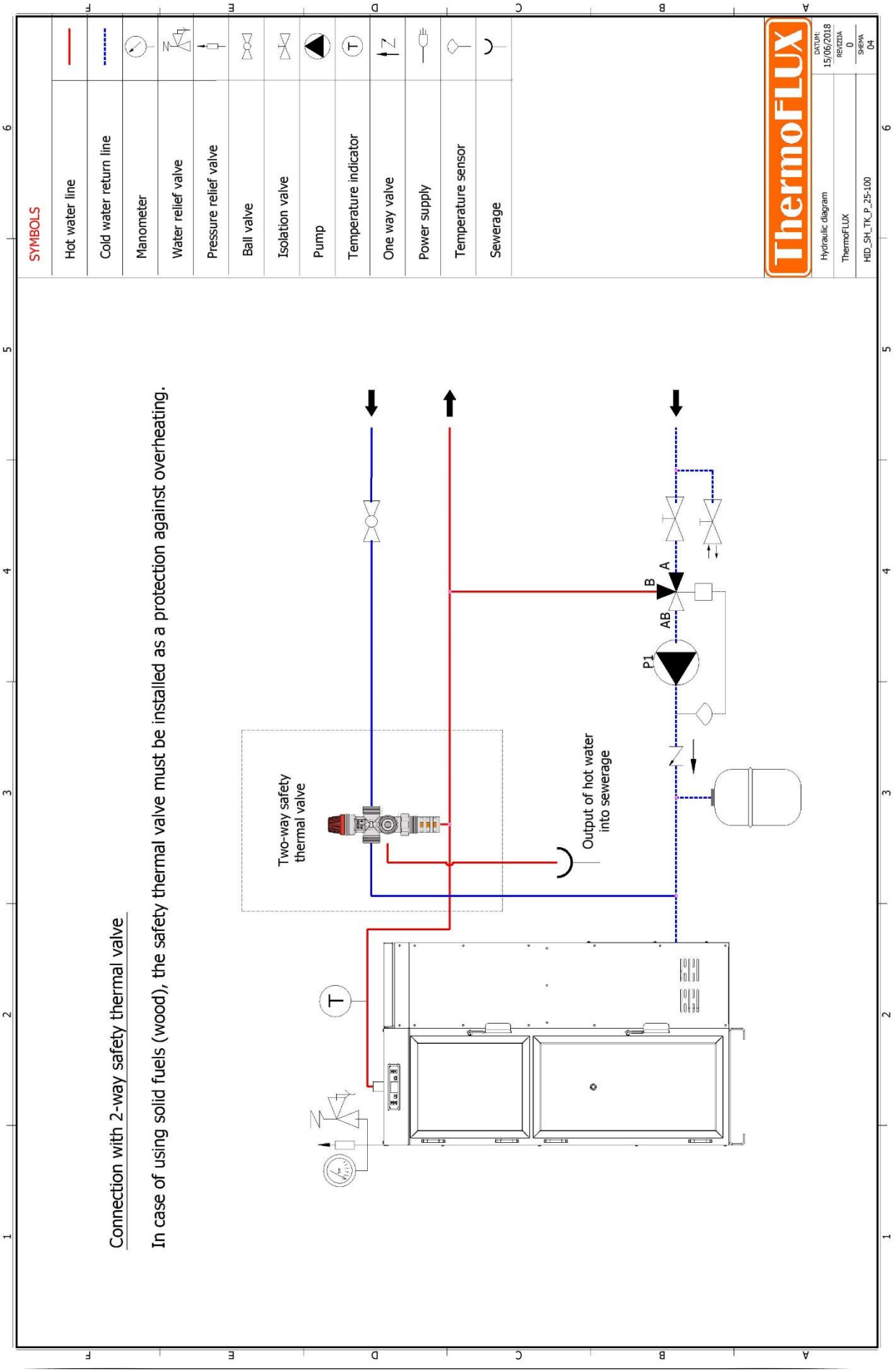
Optiuni conectare

Scheme hidarulice




SYMBOLS
Hot water line
Cold water return line
Manometer
Water relief valve
Pressure relief valve
Ball valve
Isolation valve
Pump
Temperature sensor
Temperature indicator
Motorized mix/div valve
One way valve
Adjustable immersion thermostat
ThermoFLUX
Hydraulic diagram
ThermoFLUX
HID_SH_TK_P_25-100
DATUM:
15/06/2018
REVIZIA
0
SHEMA
02
Heating circuit
P2
HC1
CN2-AUX 3x1mm2
Buffer tank
CN7-TCPM RELAY
P1
CN8-SCAM 3x1mm2
Boiler
Pump
Expansion tank
Pelling


Expansion tank
Boiler Pump
CN8-SCAM. 3x1mm2
P1
AB
B
A
CN7-TCPM. RELAY
UT
UT
Buffer tank
CN2-AUX 3x1mm2
P2
HCL
Heating circuit
Solar heating system
Expansion tank
LEGENDA
Hot water line
Cold water return line
Manometer
Water relief valve
Pressure relief valve
Isolation valve
Pump
Temperature sensor
Ball valve
Temperature indicator
Motorized mix/div valve
One way valve
Overflow container
Adjustable immersion thermostat
Power supply
ThermoFLUX
Hydraulic diagram
ThermoFLUX
HID_SH_TK_P_25-100
DATUM: 15/06/2018
REVIZIJA 0
SHEMA 03
Note
1. Solar heating system has its own control unit.


SYMBOLS
Hot water line
Cold water return line
Manometer
Water relief valve
Pressure relief valve
Ball valve
Isolation valve
Pump
Temperature indicator
One way valve
Power supply
Temperature sensor
Sewerage
ThermoFLUX
Hydraulic diagram
ThermoFLUX
HID_SH_TK_P_25-100
DATUM: 15/06/2018
REVIZIJA 0
SHEMA 04
Connection with 2-way safety thermal valve
In case of using solid fuels (wood), the safety thermal valve must be installed as a protection against overheating.
Two-way safety thermal valve
Output of hot water into sewerage
P1
A
B
AB
T