

**Report No. K 1353 2014 Z1**  
Residential space heating appliances  
Initial type test

-Renaming-

DIN EN 14785  
Type: **Mon Amour**

Company: Thermorossi S.p.A.



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Publication of page 2 is permitted.**

**The test results presented in this report refer solely to the test object stated.**

**Initial Type Testing**  
**Residential space heating appliances fired by wood pellets**  
**-Pellet stove-**  
**DIN EN 14785: September 2006**  
**Correction for DIN EN 14785: 10.2007**

Applicant/contractor:	<b>Thermorossi S.p.A.</b> Via Grumolo, 4 I-36011 (VI)
Trademark:	-
Type designation:	<b>Mon Amour</b>
Type of appliance:	Residential space heating appliance fired by wood pellets without water heat exchanger with fan assisted flue discharge with internal fuel hopper
Total heat input:	<b>3,2 kW – 7,7 kW</b>
Space heat output:	<b>2,8 kW – 6,7 kW</b>
Water heat output:	Not applicable
Fuels:	Wood pellets

**Remarks:** For more information see Basic report K 918 2012 T1.

**Test results:**

The technical requirements cl. 4-8 of the above mentioned standard are fulfilled. The local applicable installation conditions are to be observed.

The electrical safety cl. 5.9. of the standard was not a part of this initial type testing.

The presumption of conformity with the relevant European Directives could only be confirmed by full compliance with Annex ZA.

Additional details are documented in the initial report K 918 2012 T1.

Dated in Cologne, 18.07.2014  
432/mc

Inspector



Dipl.-Ing. M. Ciccarelli

TÜV Rheinland Energie und Umwelt GmbH  
Test Centre according to Construction Product  
Regulation 305/2011(CPR)  
Notified Body: 2456  
Dep. Head of Test Centre



Dipl.-Ing. R. Verbert

Residential space heating appliances fired by wood pellets, Initial Type Test in accordance with the regulation 305/2011  
conformity certification system no. 3

## 1. Task

The Test Centre for Energy Appliances was instructed to execute a renaming on the above mentioned pellet stoves.

<b>Basic</b> <b>Thermorossi S.p.A.</b> Via Grumolo, 4 I-36011 (VI)	<b>New</b> <b>Thermorossi S.p.A.</b> Via Grumolo, 4 I-36011 (VI)
Report K 918 2012 T1	Report K 1353 2014 Z1
<b>Ciao, 2000</b>	<b>Mon Amour</b>

## 2. Testing

The practical tests were carried out in Thiene on the 6<sup>th</sup> and 7<sup>th</sup> of August 2012 on the stove Ciao, 2000 by Thermorossi S.p.A. (report K 918 2012 T1). Thermorossi S.p.A. confirm that modifications on the above mentioned products were not carried out.

### 2.1 Resume of test results

Type designation		Mon Amour (see report K 918 2012 T1)		
		Full load	Partial load	
Test fuel		Pellets		
Mass of the test fuel fired hourly	kg/h	1,59	0,65	-
Flue gas mass flow	g/s	6,0	4,3	-
Flue gas temperature	°C	177,8	98,2	-
Flue draught	mbar	0,10	0,10	0,12/0,10 +/-0,02
CO <sub>2</sub> -Content	Vol.-%	8,58	4,69	-
O <sub>2</sub> -Content	Vol.-%	12,07	16,11	-
CO-emission	ppm	96,3	270,3	-
CO-emission (at 13%-O <sub>2</sub> )	mg/m <sup>3</sup>	106,8	553,2	500/750
NOx-content	ppm	93,3	49,8	-
NOx-content (at 13%-O <sub>2</sub> )	mg/m <sup>3</sup>	171,6	167,0	-
Dust content (at 13%-O <sub>2</sub> )	mg/m <sup>3</sup>	13,9	11,2	-
Total heat output	kW	6,7	2,8	-
Water heat output	kW	---	---	-
Space heat output	kW	6,7	2,8	-
Efficiency	%	87,63	89,5	75/70 (EN) - 80**
Maximum temperatures at trihedron:				
- Right side	°C	70,2		65K over tambient
- Back side	°C	41,8		65K over tambient
- Front side 80 cm	°C	67,0		65K over tambient
- Front side bottom	°C	46,3		65K over tambient
Distances:				
- Backside-Pelletstove	mm	200		
- Side-Pelletstove	mm	200		
Ambient temperature	°C	20,3		
Temp. in fuel hopper	°C	71,1		65K over tambient
Temp. operating tools 1	°C	59,8		60K over tambient
Temp. operating tools 2	°C	54,2		60K over tambient

\*) Valid values from 01.01.2015

### **3. Statement of the test results**

The appliance

**Mon Amour**

of

Thermorossi S.p.A.

complies with the requirements acc. DIN EN 14785: September 2006. The results of the basic initial type test (see report K 918 2012 T1) are not affected by the renaming.

The electrical safety cl. 5.9. of the standard was not a part of this initial type testing.

The presumption of conformity with the relevant European Directives could only be confirmed by full compliance with Annex ZA.

Additional details are documented in the initial report K 918 2012 T1.

#### **4 Test documents**

A 01	Type Label	26.06.2014
A 02	Declaration of conformity	24.06.2014
A 03	Declaration of equivalence	24.06.2014
A 04	DOP Declaration	24.06.2014
A 05	Manual	---
A 06	Drawing	70015308