



THERMOROSSİ SKYLINE Wood Log Insert Instruction Manual

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THERMOROSSİ SKYLINE Wood Log Insert Instruction Manual



Must read! Important information for safety and correct operation.

EU Declaration of Conformity (DoC)

Company name:	THERMOROSI S.P.A.	Postal address:	VIA GRUMOLO, N° 4
Firma:		Adresse:	
Postcode and city:	36011 ARSIERO (VI)	Telephone number:	0445/741310
Postleitzahl und Stadt:		Telefonnummer:	
E-mail address:	INFO@THERMOROSI.IT		
E-Mail-Adresse:			

declare that the DoC is issued under our sole responsibility and belongs to the following product:
bestätigt, dass die Erklärung eigenverantwortlich abgegeben wird und sich auf das folgende Produkt bezieht:

Apparatus model / Product:	Wood log insert	Trademark:	THERMOROSI
Beschreibung:	Holzheizeinsatz	Marke:	

Models:	SKYLINE 490 8 – SKYLINE 490 9
Modelle:	SKYLINE 540 6 – SKYLINE 540 8 – SKYLINE 540 10 – SKYLINE 540 11
	PANORAMA 6 – PANORAMA 8 – PANORAMA 10 – PANORAMA 11
	MOONLIGHT 6 – MOONLIGHT 8 – MOONLIGHT 10 – MOONLIGHT 11
	TRILOGIE 6 – TRILOGIE 8 – TRILOGIE 10 – TRILOGIE 11

Die folgenden harmonisierten Normen und/oder Richtlinien wurden angewendet:

ERP – 2009/125/EC


The following harmonised standards and/or directives have been applied:

Arsiero, 25/10/2024


Unterschrift/Sign

THERMOROSI S.p.A.
Dir. Amministrativa


THERMOROSSI <i>The Experts</i>		DECLARATION OF PERFORMANCE IN ACCORDANCE WITH DIRECTIVE (UE) 305/2011 DECLARATION OF PERFORMANCE ACCORDING TO REGULATION (EU) 305/2011		N° 130	
1 Unique identification code of the product type: SKYLINE 490 8 Unique identification code of the product type:		2 Type, batch, series within the meaning of Article 11, paragraph 4: SKYLINE 490 8 Model, batch or serial number required under Article 11 (4):			
3 Intended uses of the construction product according to the relevant harmonised technical specification: Intended uses of the construction product, in accordance with the applicable harmonised technical specification: Residential space heating appliance without water fired by wood logs					
4 Registered trade name and contact address of the manufacturer within the meaning of Article 11, paragraph 5: Name and contact address of the manufacturer as required pursuant to Art. 11 (5): THERMOROSSI SPA Via Grumolo, n° 4 36011 Arsiero (VI)		5 Name and contact address of the authorized representative within the meaning of Article 12, paragraph 2: Name and address of the agent as required pursuant to Article 12 (2):			
6 System for assessing and controlling the constancy of performance of the construction product, see Annex V: System 3 System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V: System 3					
7 Notified Labor: Notified laboratory: KIWA CERMET ITALY SpA NO.0476		Test report number based on System 3: 2013248			
Declared performance					
Harmonized technical specification :		EN 13229			
Essential characteristics		performance			
Behavior in case of fire / Reaction to fire		A1			
distance from flammable materials Distance to combustible materials		Minimum distances (mm): Rear = 500 Sides = 500 Front = 1,500 Ceiling = 750 Floor = 1,500			
Risk of burning fuel falling out Surface temperature Electrical safety		Consistent / Compliant			
Cleanability Emission of combustion products		Consistent / Compliant			
Maximum operating pressure Flue gas temperature at nominal		Consistent / Compliant			
heat output T 221 °C		CO = 382 mg/m3 bei Nennwärmeleistung / CO at Nominal heat output - bar			
Mechanical resistance (to carry a chimney) NPD (No specific performance)					
Nennwärmeleistung / Nominal heat output		7,9 kW			
Room heating output		7,9 kW			
Heat output delivered to the water / Water heating output		~ kW			
Efficiency The performance		85,1% at nominal heat output			

of the product, see points 1 and 2, is in conformity with the performance declared in point 8. This declaration of performance is issued under the sole responsibility of the manufacturer, see point 4. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 8. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4. Archer, 10/25/2024		Signature:  THERMOROSSI SPA Via Grumolo, n° 4 36011 Arsiero (VI)	
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THERMOROSSI <i>The Experts</i>		DECLARATION OF PERFORMANCE IN ACCORDANCE WITH DIRECTIVE (UE) 305/2011 DECLARATION OF PERFORMANCE ACCORDING TO REGULATION (EU) 305/2011		N° 131	
1 Unique identification code of the product type: SKYLINE 490 9 Unique identification code of the product type:		2 Type, batch, series within the meaning of Article 11, paragraph 4: SKYLINE 490 9 Model, batch or serial number required under Article 11 (4):			
3 Intended uses of the construction product according to the relevant harmonised technical specification: Intended uses of the construction product, in accordance with the applicable harmonised technical specification: Residential space heating appliance without water fired by wood logs					
4 Registered trade name and contact address of the manufacturer within the meaning of Article 11, paragraph 5: Name and contact address of the manufacturer as required pursuant to Art. 11 (5): THERMOROSSI SPA Via Grumolo, n° 4 36011 Arsiero (VI)		5 Name and contact address of the authorized representative within the meaning of Article 12, paragraph 2: Name and address of the agent as required pursuant to Article 12 (2):			
6 System for assessing and controlling the constancy of performance of the construction product, see Annex V: System 3 System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V: System 3					
7 Notified Labor: Notified laboratory: KIWA CERMET ITALY SpA NO.0476		Test report number based on System 3: 2013248			
Declared performance					
Harmonized technical specification :		EN 13229			
Essential characteristics		performance			
Behavior in case of fire / Reaction to fire		A1			
distance from flammable materials Distance to combustible materials		Minimum distances (mm): Rear = 500 Sides = 500 Front = 1,500 Ceiling = 750 Floor = 1,500			
Risk of burning fuel falling out surface temperature		Consistent / Compliant			
Electrical safety		Consistent / Compliant			
cleaning / cleanability		Consistent / Compliant			
Emission of combustion products		CO = 295 mg/m3 bei Nennwärmeleistung / CO at Nominal heat output - bar			
Maximum operating pressure					

Flue gas temperature at nominal heat output / Flue gas temperature at nominal heat output T 235 °C			
Mechanical resistance (to carry a chimney) NPD (No specific performance)			
Nennwärmeleistung / Nominal heat output		9,3 kW	
Room heating output		9,3 kW	
Heat output delivered to the water / Water heating output		~ kW	
efficiency		85,3% at nominal heat output	
The performance of the product, see points 1 and 2, is in conformity with the performance declared in point 8. This declaration of performance is issued under the sole responsibility of the manufacturer, see point 4. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 8. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4. Archer, 10/25/2024		Signature:  THERMOROSSI SPA Via Grumolo, n° 4 36011 Arsiero (VI)	


THERMOROSSI <i>The Skies</i>		DECLARATION OF PERFORMANCE IN ACCORDANCE WITH DIRECTIVE (UE) 305/2011 DECLARATION OF PERFORMANCE ACCORDING TO REGULATION (EU) 305/2011		N° 132	
Unique identification code of the product type: SKYLINE 540 6 Unique identification code of the product type:		Type, batch, series within the meaning of Article 11, paragraph 4: SKYLINE 540 6 Model, batch or serial number required under Article 11 (4):			
Intended uses of the construction product according to the relevant harmonised technical specification: Intended uses of the construction product, in accordance with the applicable harmonised technical specification: Residential space heating appliance without water fired by wood logs					
Registered trade name and contact address of the manufacturer within the meaning of Article 11, paragraph 5: Name and contact address of the manufacturer as required pursuant to Art. 11 (5): THERMOROSSI SPA Via Grumolo, n° 4 36011 Arsiero (VI)		Name and contact address of the authorized representative within the meaning of Article 12, paragraph 2: Name and address of the agent as required pursuant to Article 12 (2):			
System for assessing and controlling the constancy of performance of the construction product, see Annex V: System 3 System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V: System 3					
Notified Labor: Notified laboratory: KIWA CERMET ITALY SpA NO.0476		Test report number based on System 3: 2013271			
Declared performance					
Harmonized technical specification:		EN 13229			
Essential characteristics		performance			
Behavior in case of fire / Reaction to fire		A1			
distance from flammable materials Distance to combustible materials		Minimum distances (mm): Rear = 500 Sides = 500 Front = 1,500 Ceiling = 750 Floor = 1,500			
Risk of burning fuel falling out Surface temperature Electrical safety		Consistent / Compliant			
Cleanability Emission of combustion products		Consistent / Compliant			
Maximum operating pressure Flue gas temperature at nominal		Consistent / Compliant			
heat output T 201 °C		CO = 348 mg/m3 bei Nennwärmeleistung / CO at Nominal heat output - bar			
Mechanical resistance (to carry a chimney)		NPD (No specific performance)			
Nennwärmeleistung / Nominal heat output		5,7 kW			
Room heating output		5,7 kW			
Heat output delivered to the water / Water heating output		- kW			
Efficiency The performance		83.9% at nominal heat output			

of the product, see points 1 and 2, is in conformity with the performance declared in point 8. This declaration of performance is issued under the sole responsibility of the manufacturer, see point 4. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 8. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4. Archer, 10/25/2024		Signature  THERMOROSSI S.p.A. Via Grumolo, n° 4 36011 Arsiero (VI)	
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THERMOROSSI <i>The Skies</i>		DECLARATION OF PERFORMANCE IN ACCORDANCE WITH DIRECTIVE (UE) 305/2011 DECLARATION OF PERFORMANCE ACCORDING TO REGULATION (EU) 305/2011		N° 133	
Unique identification code of the product type: SKYLINE 540 8 Unique identification code of the product type:		Type, batch, series within the meaning of Article 11, paragraph 4: SKYLINE 540 8 Model, batch or serial number required under Article 11 (4):			
Intended uses of the construction product in accordance with the relevant harmonised technical specification: Intended uses of the construction product, in accordance with the applicable harmonised technical specification: Residential space heating appliance without water fired by wood logs					
Registered trade name and contact address of the manufacturer within the meaning of Article 11, paragraph 5: Name and contact address of the manufacturer as required pursuant to Art. 11 (5): THERMOROSSI SPA Via Grumolo, n° 4 36011 Arsiero (VI)		Name and contact address of the authorized representative within the meaning of Article 12, paragraph 2: Name and address of the agent as required pursuant to Article 12 (2):			
System for assessing and controlling the constancy of performance of the construction product, see Annex V: System 3 System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V: System 3					
Notified Labor: Notified laboratory: KIWA CERMET ITALY SpA NO.0476		Test report number based on System 3: 2013271			
Declared performance					
Harmonized technical specification:		EN 13229			
Essential characteristics		performance			
Behavior in case of fire / Reaction to fire		A1			
distance from flammable materials Distance to combustible materials		Minimum distances (mm): Rear = 500 Sides = 500 Front = 1,500 Ceiling = 750 Floor = 1,500			
Risk of burning fuel falling out Surface temperature Electrical safety		Consistent / Compliant			
Cleanability Emission of combustion products		Consistent / Compliant			
Maximum operating pressure Flue gas temperature at nominal		Consistent / Compliant			
heat output T 203 °C		CO = 228 mg/m3 bei Nennwärmeleistung / CO at Nominal heat output - bar			

Mechanical resistance (to carry a chimney)		NPD (No specific performance)	
Nennwärmeleistung / Nominal heat output		7,9 kW	
Room heating output		7,9 kW	
Heat output delivered to the water / Water heating output		- kW	
Efficiency The performance		87.4% at nominal heat output	
of the product, see points 1 and 2, is in conformity with the performance declared in point 8. This declaration of performance is issued under the sole responsibility of the manufacturer, see point 4. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 8. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4. Archer, 10/25/2024			
Signature  THERMOROSSI S.p.A. Via Grumolo, n° 4 36011 Arsiero (VI)			


THERMOROSSI <i>The Heats</i>		DECLARATION OF PERFORMANCE IN ACCORDANCE WITH DIRECTIVE (UE) 305/2011 DECLARATION OF PERFORMANCE ACCORDING TO REGULATION (EU) 305/2011		N° 134	
Unique identification code of the product type: SKYLINE 540 10 Unique identification code of the product type:		Type, batch, series within the meaning of Article 11, paragraph 4: SKYLINE 540 10 Model, batch or serial number required under Article 11 (4):			
Intended uses of the construction product according to the relevant harmonised technical specification: Intended uses of the construction product, in accordance with the applicable harmonised technical specification: Residential space heating appliance without water fired by wood logs					
Registered trade name and contact address of the manufacturer within the meaning of Article 11, paragraph 5: Name and contact address of the manufacturer as required pursuant to Art. 11 (5): THERMOROSSI SPA Via Grumolo, n° 4 36011 Arsiero (VI)		Name and contact address of the authorized representative within the meaning of Article 12, paragraph 2: Name and address of the agent as required pursuant to Article 12 (2):			
System for assessing and controlling the constancy of performance of the construction product, see Annex V: System 3 System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V: System 3					
Notified Labor: Notified laboratory: KIWA CERMET ITALY SpA NO.0476		Test report number based on System 3: 2013271			
Declared performance					
Harmonized technical specification:		EN 13229			
Essential characteristics		performance			
Behavior in case of fire / Reaction to fire		A1			
distance from flammable materials Distance to combustible materials		Minimum distances (mm): Rear = 500 Sides = 500 Front = 1,500 Ceiling = 750 Floor = 1,500			
Risk of burning fuel falling out Surface temperature Electrical safety		Consistent / Compliant			
Cleanability Emission of combustion products		Consistent / Compliant			
Maximum operating pressure Flue gas temperature at nominal		Consistent / Compliant			
heat output T 240 °C		CO = 150 mg/m3 bei Nennwärmeleistung / CO at Nominal heat output - bar			
Mechanical resistance (to carry a chimney) NPD (No specific performance)					
Nennwärmeleistung / Nominal heat output		9,9 kW			
Room heating output		9,9 kW			
Heat output delivered to the water / Water heating output		- kW			
Efficiency The performance		86,0% at nominal heat output			

of the product, see points 1 and 2, is in conformity with the performance declared in point 8. This declaration of performance is issued under the sole responsibility of the manufacturer, see point 4. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 8. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4. Archer, 10/25/2024		Signature:  THERMOROSSI SPA Via Grumolo, n° 4 36011 Arsiero (VI)	
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THERMOROSSI <i>The Heats</i>		DECLARATION OF PERFORMANCE IN ACCORDANCE WITH DIRECTIVE (UE) 305/2011 DECLARATION OF PERFORMANCE ACCORDING TO REGULATION (EU) 305/2011		N° 135	
Unique identification code of the product type: SKYLINE 540 11 Unique identification code of the product type:		Type, batch, series within the meaning of Article 11, paragraph 4: SKYLINE 540 11 Model, batch or serial number required under Article 11 (4):			
Intended uses of the construction product in accordance with the relevant harmonised technical specification: Intended uses of the construction product, in accordance with the applicable harmonised technical specification: Residential space heating appliance without water fired by wood logs					
Registered trade name and contact address of the manufacturer within the meaning of Article 11, paragraph 5: Name and contact address of the manufacturer as required pursuant to Art. 11 (5): THERMOROSSI SPA Via Grumolo, n° 4 36011 Arsiero (VI)		Name and contact address of the authorized representative within the meaning of Article 12, paragraph 2: Name and address of the agent as required pursuant to Article 12 (2):			
System for assessing and controlling the constancy of performance of the construction product, see Annex V: System 3 System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V: System 3					
Notified Labor: Notified laboratory: KIWA CERMET ITALY SpA NO.0476		Test report number based on System 3: 2013271			
Declared performance					
Harmonized technical specification:		EN 13229			
Essential characteristics		performance			
Behavior in case of fire / Reaction to fire		A1			
distance from flammable materials Distance to combustible materials		Minimum distances (mm): Rear = 500 Sides = 500 Front = 1,500 Ceiling = 750 Floor = 1,500			
Risk of burning fuel falling out Surface temperature Electrical safety		Consistent / Compliant			
Cleanability Emission of combustion products		Consistent / Compliant			
Maximum operating pressure Flue gas temperature at nominal		Consistent / Compliant			
heat output T 254 °C		CO = 120 mg/m3 bei Nennwärmeleistung / CO at Nominal heat output - bar			
Mechanical resistance (to carry a chimney) NPD (No specific performance)					
Nennwärmeleistung / Nominal heat output		10,7 kW			
Room heating output		10,7 kW			
Heat output delivered to the water / Water heating output		- kW			
Efficiency The performance		85,5% at nominal heat output			

of the product, see points 1 and 2, is in conformity with the performance declared in point 8. This declaration of performance is issued under the sole responsibility of the manufacturer, see point 4. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 8. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4. Archer, 10/25/2024		Signature:  THERMOROSSI SPA Via Grumolo, n° 4 36011 Arsiero (VI)	
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THERMOROSSI <i>The Woods</i>		DECLARATION OF PERFORMANCE IN ACCORDANCE WITH DIRECTIVE (UE) 305/2011 DECLARATION OF PERFORMANCE ACCORDING TO REGULATION (EU) 305/2011		N° 136	
1 Unique identification code of the product type: PANORAMA 6 Unique identification code of the product type:		2 Type, batch, series within the meaning of Article 11, paragraph 4: PANORAMA 6 Model, batch or serial number required under Article 11 (4):			
3 Intended uses of the construction product according to the relevant harmonised technical specification: Intended uses of the construction product, in accordance with the applicable harmonised technical specification: Residential space heating appliance without water fired by wood logs					
4 Registered trade name and contact address of the manufacturer within the meaning of Article 11, paragraph 5: Name and contact address of the manufacturer as required pursuant to Art. 11 (5): THERMOROSSI SPA Via Grumolo, n° 4 36011 Arsiero (VI)		5 Name and contact address of the authorized representative within the meaning of Article 12, paragraph 2: Name and address of the agent as required pursuant to Article 12 (2):			
6 System for assessing and controlling the constancy of performance of the construction product, see Annex V: System 3 System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V: System 3					
7 Notified Labor: Notified laboratory: KIWA CERMET ITALY SpA NO.0476		Test report number based on System 3: 2013271			
Declared performance					
Harmonized technical specification:		EN 13229			
Essential characteristics		performance			
Behavior in case of fire / Reaction to fire		A1			
distance from flammable materials Distance to combustible materials		Minimum distances (mm): Rear = 500 Sides = 500 Front = 1,500 Ceiling = 750 Floor = 1,500			
Risk of burning fuel falling out Surface temperature Electrical safety		Consistent / Compliant			
Cleanability Emission of combustion products		Consistent / Compliant			
Maximum operating pressure Flue gas temperature at nominal		Consistent / Compliant			
heat output T 201 °C		CO = 348 mg/m3 bei Nennwärmeleistung / CO at Nominal heat output - bar			
Mechanical resistance (to carry a chimney)		NPD (No specific performance)			
Nennwärmeleistung / Nominal heat output		5,7 kW			
Room heating output		5,7 kW			
Heat output delivered to the water / Water heating output		--- kW			
Efficiency The performance		83.9% at nominal heat output			

of the product, see points 1 and 2, is in conformity with the performance declared in point 6. This declaration of performance is issued under the sole responsibility of the manufacturer, see point 4. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 6. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4. Archer, 10/25/2024		Signature:  THERMOROSSI SPA (by authorized representative)
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THERMOROSSI <i>The Woods</i>		DECLARATION OF PERFORMANCE IN ACCORDANCE WITH DIRECTIVE (UE) 305/2011 DECLARATION OF PERFORMANCE ACCORDING TO REGULATION (EU) 305/2011		N° 137	
1 Unique identification code of the product type: PANORAMA 8 Unique identification code of the product type:		2 Type, batch, series within the meaning of Article 11, paragraph 4: PANORAMA 8 Model, batch or serial number required under Article 11 (4):			
3 Intended uses of the construction product according to the relevant harmonised technical specification: Intended uses of the construction product, in accordance with the applicable harmonised technical specification: Residential space heating appliance without water fired by wood logs					
4 Registered trade name and contact address of the manufacturer within the meaning of Article 11, paragraph 5: Name and contact address of the manufacturer as required pursuant to Art. 11 (5): THERMOROSSI SPA Via Grumolo, n° 4 36011 Arsiero (VI)		5 Name and contact address of the authorized representative within the meaning of Article 12, paragraph 2: Name and address of the agent as required pursuant to Article 12 (2):			
6 System for assessing and controlling the constancy of performance of the construction product, see Annex V: System 3 System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V: System 3					
7 Notified Labor: Notified laboratory: KIWA CERMET ITALY SpA NO.0476		Test report number based on System 3: 2013271			
Declared performance					
Harmonized technical specification:		EN 13229			
Essential characteristics		performance			
Behavior in case of fire / Reaction to fire		A1			
distance from flammable materials Distance to combustible materials		Minimum distances (mm): Rear = 500 Sides = 500 Front = 1,500 Ceiling = 750 Floor = 1,500			
Risk of burning fuel falling out Surface temperature Electrical safety		Consistent / Compliant			
Cleanability Emission of combustion products		Consistent / Compliant			
Maximum operating pressure Flue gas temperature at nominal		Consistent / Compliant			
heat output T 203 °C		CO = 228 mg/m3 bei Nennwärmeleistung / CO at Nominal heat output - bar			

Mechanical resistance (to carry a chimney)		NPD (No specific performance)			
Nennwärmeleistung / Nominal heat output		7,9 kW			
Room heating output		7,9 kW			
Heat output delivered to the water / Water heating output		--- kW			
Efficiency The performance		87.4% at nominal heat output			
of the product, see points 1 and 2, is in conformity with the performance declared in point 6. This declaration of performance is issued under the sole responsibility of the manufacturer, see point 4. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 6. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4. Archer, 10/25/2024		Signature:  THERMOROSSI SPA (by authorized representative)			


THERMOROSI <i>The Experts</i>		DECLARATION OF PERFORMANCE IN ACCORDANCE WITH DIRECTIVE (UE) 305/2011 DECLARATION OF PERFORMANCE ACCORDING TO REGULATION (EU) 305/2011		N° 138	
Unique identification code of the product type: PANORAMA 10 Unique identification code of the product type:		Type, batch, series within the meaning of Article 11, paragraph 4: PANORAMA 10 Model, batch or serial number required under Article 11 (4):			
Intended uses of the construction product according to the relevant harmonised technical specification: Intended uses of the construction product, in accordance with the applicable harmonised technical specification: Residential space heating appliance without water fired by wood logs					
Registered trade name and contact address of the manufacturer within the meaning of Article 11, paragraph 5: Name and contact address of the manufacturer as required pursuant to Art. 11 (5): THERMOROSI SPA Via Grumolo, n° 4 36011 Arsiero (VI)		Name and contact address of the authorized representative within the meaning of Article 12, paragraph 2: Name and address of the agent as required pursuant to Article 12 (2):			
System for assessing and controlling the constancy of performance of the construction product, see Annex V: System 3 System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V: System 3					
Notified Labor: Notified laboratory: KIWA CERMET ITALY SpA NO.0476		Test report number based on System 3: 2013271			
Declared performance					
Harmonized technical specification:		EN 13229			
Essential characteristics		performance			
Behavior in case of fire / Reaction to fire		A1			
distance from flammable materials Distance to combustible materials		Minimum distances (mm): Rear = 500 Sides = 500 Front = 1,500 Ceiling = 750 Floor = 1,500			
Risk of burning fuel falling out Surface temperature Electrical safety		Consistent / Compliant			
Cleanability Emission of combustion products		Consistent / Compliant			
Maximum operating pressure Flue gas		Consistent / Compliant			
temperature at nominal		Consistent / Compliant			
heat output T 240 °C		CO = 150 mg/m3 bei Nennwärmeleistung / CO at Nominal heat output - bar			
Mechanical resistance (to carry a chimney) NPD (No specific performance)		9,9 kW 9,9 kW ~- kW			
Nennwärmeleistung / Nominal heat output Room heating output Heat output delivered to the water / Water heating output		86,0% at nominal heat output			

of the product, see points 1 and 2, is in conformity with the performance declared in point 8. This declaration of performance is issued under the sole responsibility of the manufacturer, see point 4. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 8. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4. Archer, 10/25/2024		Signature:  THERMOROSI S.p.A. (in accordance with)	
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THERMOROSI <i>The Experts</i>		DECLARATION OF PERFORMANCE IN ACCORDANCE WITH DIRECTIVE (UE) 305/2011 DECLARATION OF PERFORMANCE ACCORDING TO REGULATION (EU) 305/2011		N° 139	
Unique identification code of the product type: PANORAMA 11 Unique identification code of the product type:		Type, batch, series within the meaning of Article 11, paragraph 4: PANORAMA 11 Model, batch or serial number required under Article 11 (4):			
Intended uses of the construction product according to the relevant harmonised technical specification: Intended uses of the construction product, in accordance with the applicable harmonised technical specification: Residential space heating appliance without water fired by wood logs					
Registered trade name and contact address of the manufacturer within the meaning of Article 11, paragraph 5: Name and contact address of the manufacturer as required pursuant to Art. 11 (5): THERMOROSI SPA Via Grumolo, n° 4 36011 Arsiero (VI)		Name and contact address of the authorized representative within the meaning of Article 12, paragraph 2: Name and address of the agent as required pursuant to Article 12 (2):			
System for assessing and controlling the constancy of performance of the construction product, see Annex V: System 3 System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V: System 3					
Notified Labor: Notified laboratory: KIWA CERMET ITALY SpA NO.0476		Test report number based on System 3: 2013271			
Declared performance					
Harmonized technical specification:		EN 13229			
Essential characteristics		performance			
Behavior in case of fire / Reaction to fire		A1			
distance from flammable materials Distance to combustible materials		Minimum distances (mm): Rear = 500 Sides = 500 Front = 1,500 Ceiling = 750 Floor = 1,500			
Risk of burning fuel falling out Surface temperature Electrical safety		Consistent / Compliant			
Cleanability Emission of combustion products		Consistent / Compliant			
Maximum operating pressure Flue gas		Consistent / Compliant			
temperature at nominal		Consistent / Compliant			
heat output T 254 °C		CO = 120 mg/m3 bei Nennwärmeleistung / CO at Nominal heat output - bar			

Mechanical resistance (to carry a chimney) NPD (No specific performance)		10,7 kW 10,7 kW ~- kW	
Nennwärmeleistung / Nominal heat output Room heating output Heat output delivered to the water / Water heating output		85,5% at nominal heat output	
of the product, see points 1 and 2, is in conformity with the performance declared in point 8. This declaration of performance is issued under the sole responsibility of the manufacturer, see point 4. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 8. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4. Archer, 10/25/2024			
		Signature:  THERMOROSI S.p.A. (in accordance with)	


THERMOROSI <i>The Experts</i>		DECLARATION OF PERFORMANCE IN ACCORDANCE WITH DIRECTIVE (UE) 305/2011 DECLARATION OF PERFORMANCE ACCORDING TO REGULATION (EU) 305/2011		N° 140	
1 Unique identification code of the product type: MOONLIGHT 6 Unique identification code of the product type:		2 Type, batch, series within the meaning of Article 11, paragraph 4: MOONLIGHT 6 Model, batch or serial number required under Article 11 (4):			
3 Intended uses of the construction product according to the relevant harmonised technical specification: Intended uses of the construction product, in accordance with the applicable harmonised technical specification: Residential space heating appliance without water fired by wood logs					
4 Registered trade name and contact address of the manufacturer within the meaning of Article 11, paragraph 5: Name and contact address of the manufacturer as required pursuant to Art. 11 (5): THERMOROSI SPA Via Grumolo, n° 4 36011 Arsiero (VI)		5 Name and contact address of the authorized representative within the meaning of Article 12, paragraph 2: Name and address of the agent as required pursuant to Article 12 (2):			
6 System for assessing and controlling the constancy of performance of the construction product, see Annex V: System 3 System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V: System 3					
7 Notified Labor: Notified laboratory: KIWA CERMET ITALY SpA NO.0476		Test report number based on System 3: 2013271			
Declared performance					
Harmonized technical specification:		EN 13229			
Essential characteristics		performance			
Behavior in case of fire / Reaction to fire		A1			
distance from flammable materials Distance to combustible materials		Minimum distances (mm): Rear = 500 Sides = 500 Front = 1,500 Ceiling = 750 Floor = 1,500			
Risk of burning fuel falling out Surface temperature Electrical safety		Consistent / Compliant			
Cleanability Emission of combustion products		Consistent / Compliant			
Maximum operating pressure Flue gas temperature at nominal		Consistent / Compliant			
heat output T 201 °C		CO = 348 mg/m3 bei Nennwärmeleistung / CO at Nominal heat output - bar			
Mechanical resistance (to carry a chimney)		NPD (No specific performance)			
Nennwärmeleistung / Nominal heat output		5,7 kW			
Room heating output		5,7 kW			
Heat output delivered to the water / Water heating output		~ kW			
Efficiency The performance		83,9% at nominal heat output			

8 of the product, see points 1 and 2, is in conformity with the performance declared in point 8. This declaration of performance is issued under the sole responsibility of the manufacturer, see point 4. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 8. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4. Archer, 10/25/2024		Signature:  THERMOROSI SpA Via Grumolo, 4 36011 Arsiero (VI)
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THERMOROSI <i>The Experts</i>		DECLARATION OF PERFORMANCE IN ACCORDANCE WITH DIRECTIVE (UE) 305/2011 DECLARATION OF PERFORMANCE ACCORDING TO REGULATION (EU) 305/2011		N° 141	
1 Unique identification code of the product type: MOONLIGHT 8 Unique identification code of the product type:		2 Type, batch, series within the meaning of Article 11, paragraph 4: MOONLIGHT 8 Model, batch or serial number required under Article 11 (4):			
3 Intended uses of the construction product according to the relevant harmonised technical specification: Intended uses of the construction product, in accordance with the applicable harmonised technical specification: Residential space heating appliance without water fired by wood logs					
4 Registered trade name and contact address of the manufacturer within the meaning of Article 11, paragraph 5: Name and contact address of the manufacturer as required pursuant to Art. 11 (5): THERMOROSI SPA Via Grumolo, n° 4 36011 Arsiero (VI)		5 Name and contact address of the authorized representative within the meaning of Article 12, paragraph 2: Name and address of the agent as required pursuant to Article 12 (2):			
6 System for assessing and controlling the constancy of performance of the construction product, see Annex V: System 3 System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V: System 3					
7 Notified Labor: Notified laboratory: KIWA CERMET ITALY SpA NO.0476		Test report number based on System 3: 2013271			
Declared performance					
Harmonized technical specification:		EN 13229			
Essential characteristics		performance			
Behavior in case of fire / Reaction to fire		A1			
distance from flammable materials Distance to combustible materials		Minimum distances (mm): Rear = 500 Sides = 500 Front = 1,500 Ceiling = 750 Floor = 1,500			
Risk of burning fuel falling out Surface temperature Electrical safety		Consistent / Compliant			
Cleanability Emission of combustion products		Consistent / Compliant			
Maximum operating pressure Flue gas temperature at nominal		Consistent / Compliant			
heat output T 203 °C		CO = 228 mg/m3 bei Nennwärmeleistung / CO at Nominal heat output - bar			

Mechanical resistance (to carry a chimney)		NPD (No specific performance)			
Nennwärmeleistung / Nominal heat output		7,9 kW			
Room heating output		7,9 kW			
Heat output delivered to the water / Water heating output		~ kW			
Efficiency The performance		87,4% at nominal heat output			
8 of the product, see points 1 and 2, is in conformity with the performance declared in point 8. This declaration of performance is issued under the sole responsibility of the manufacturer, see point 4. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 8. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4. Archer, 10/25/2024		Signature:  THERMOROSI SpA Via Grumolo, 4 36011 Arsiero (VI)			

THERMOROSI <i>The Silence</i>		DECLARATION OF PERFORMANCE IN ACCORDANCE WITH DIRECTIVE (UE) 305/2011 DECLARATION OF PERFORMANCE ACCORDING TO REGULATION (EU) 305/2011		N° 142	
1 Unique identification code of the product type: MOONLIGHT 10 Unique identification code of the product type:		2 Type, batch, series within the meaning of Article 11, paragraph 4: MOONLIGHT 10 Model, batch or serial number required under Article 11 (4):			
3 Intended uses of the construction product according to the relevant harmonised technical specification: Intended uses of the construction product, in accordance with the applicable harmonised technical specification: Residential space heating appliance without water fired by wood logs					
4 Registered trade name and contact address of the manufacturer within the meaning of Article 11, paragraph 5: Name and contact address of the manufacturer as required pursuant to Art. 11 (5): THERMOROSI SPA Via Grumolo, n° 4 36011 Arsiero (VI)		5 Name and contact address of the authorized representative within the meaning of Article 12, paragraph 2: Name and address of the agent as required pursuant to Article 12 (2):			
6 System for assessing and controlling the constancy of performance of the construction product, see Annex V: System 3 System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V: System 3					
7 Notified Labor: Notified laboratory: KIWA CERMET ITALY SpA NO.0476		Test report number based on System 3: 2013271			
Declared performance					
Harmonized technical specification:		EN 13229			
Essential characteristics		performance			
Behavior in case of fire / Reaction to fire		AT			
distance from flammable materials Distance to combustible materials		Minimum distances (mm): Rear = 500 Sides = 500 Front = 1,500 Ceiling = 750 Floor = 1,500			
Risk of burning fuel falling out Surface temperature Electrical safety		Consistent / Compliant			
Cleanability Emission of combustion products		Consistent / Compliant			
Maximum operating pressure Flue gas temperature at nominal		-			
heat output T 240 °C		CO = 150 mg/m3 bei Nennwärmeleistung / CO at Nominal heat output - bar			
Mechanical resistance (to carry a chimney) NPD (No specific performance)					
Nennwärmeleistung / Nominal heat output		9,9 kW			
Room heating output		9,9 kW			
Heat output delivered to the water / Water heating output		- kW			
Efficiency The performance		86,0% at nominal heat output			

of the product, see points 1 and 2, is in conformity with the performance declared in point 8. This declaration of performance is issued under the sole responsibility of the manufacturer, see point 4. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 8. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4. Archer, 10/25/2024		Signature  THERMOROSI SPA Via Grumolo, n° 4 36011 Arsiero (VI)
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THERMOROSI <i>The Silence</i>		DECLARATION OF PERFORMANCE IN ACCORDANCE WITH DIRECTIVE (UE) 305/2011 DECLARATION OF PERFORMANCE ACCORDING TO REGULATION (EU) 305/2011		N° 143	
1 Unique identification code of the product type: MOONLIGHT 11 Unique identification code of the product type:		2 Type, batch, series within the meaning of Article 11, paragraph 4: MOONLIGHT 11 Model, batch or serial number required under Article 11 (4):			
3 Intended uses of the construction product according to the relevant harmonised technical specification: Intended uses of the construction product, in accordance with the applicable harmonised technical specification: Residential space heating appliance without water fired by wood logs					
4 Registered trade name and contact address of the manufacturer within the meaning of Article 11, paragraph 5: Name and contact address of the manufacturer as required pursuant to Art. 11 (5): THERMOROSI SPA Via Grumolo, n° 4 36011 Arsiero (VI)		5 Name and contact address of the authorized representative within the meaning of Article 12, paragraph 2: Name and address of the agent as required pursuant to Article 12 (2):			
6 System for assessing and controlling the constancy of performance of the construction product, see Annex V: System 3 System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V: System 3					
7 Notified Labor: Notified laboratory: KIWA CERMET ITALY SpA NO.0476		Test report number based on System 3: 2013271			
Declared performance					
Harmonized technical specification:		EN 13229			
Essential characteristics		performance			
Behavior in case of fire / Reaction to fire		AT			
distance from flammable materials Distance to combustible materials		Minimum distances (mm): Rear = 500 Sides = 500 Front = 1,500 Ceiling = 750 Floor = 1,500			
Risk of burning fuel falling out Surface temperature Electrical safety		Consistent / Compliant			
Cleanability Emission of combustion products		Consistent / Compliant			
Maximum operating pressure Flue gas temperature at nominal		-			
heat output T 254 °C		CO = 120 mg/m3 bei Nennwärmeleistung / CO at Nominal heat output - bar			

Mechanical resistance (to carry a chimney) NPD (No specific performance)		
Nennwärmeleistung / Nominal heat output	10,7 kW	
Room heating output	10,7 kW	
Heat output delivered to the water / Water heating output	- kW	
Efficiency The performance	85,5% at nominal heat output	
of the product, see points 1 and 2, is in conformity with the performance declared in point 8. This declaration of performance is issued under the sole responsibility of the manufacturer, see point 4. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 8. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4. Archer, 10/25/2024		Signature  THERMOROSI SPA Via Grumolo, n° 4 36011 Arsiero (VI)

THERMOROSI <i>The Others</i>		DECLARATION OF PERFORMANCE IN ACCORDANCE WITH DIRECTIVE (UE) 305/2011 DECLARATION OF PERFORMANCE ACCORDING TO REGULATION (EU) 305/2011		N° 144	
1 Unique identification code of the product type: TRILOGIE 6 Unique identification code of the product type:		2 Type, batch, series within the meaning of Article 11, paragraph 4: TRILOGY 6 Model, batch or serial number required under Article 11 (4):			
3 Intended uses of the construction product according to the relevant harmonised technical specification: Intended uses of the construction product, in accordance with the applicable harmonised technical specification: Residential space heating appliance without water fired by wood logs					
4 Registered trade name and contact address of the manufacturer within the meaning of Article 11, paragraph 5: THERMOROSI SPA Via Grumolo, n° 4 36011 Arsiero (VI)		5 Name and contact address of the authorized representative within the meaning of Article 12, paragraph 2: Name and address of the agent as required pursuant to Article 12 (2):			
6 System for assessing and controlling the constancy of performance of the construction product, see Annex V: System 3 System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V: System 3					
7 Notified Labor: Notified laboratory: KIWA CERMET ITALY SpA NO.0476		Test report number based on System 3: 2013271			
Declared performance					
Harmonized technical specification :		EN 15229			
Essential characteristics		performance			
Behavior in case of fire / Reaction to fire		A1			
distance from flammable materials Distance to combustible materials		Minimum distances (mm): Rear = 500 Sides = 500 Front = 1,500 Ceiling = 750 Floor = 1,500			
Risk of burning fuel falling out Surface temperature Electrical safety		Consistent / Compliant			
Cleanability Emission of combustion products		Consistent / Compliant			
Maximum operating pressure Flue gas temperature at nominal		Consistent / Compliant			
heat output T 201 °C		CO = 348 mg/m ³ bei Nennwärmeleistung / CO at Nominal heat output - bar			
Mechanical resistance (to carry a chimney)		NPD (No specific performance)			
Nennwärmeleistung / Nominal heat output Room heating output Heat output delivered to the water / Water heating output		5,7 kW 5,7 kW --- kW			
Efficiency The performance		83,9% at nominal heat output			
8 of the product, see points 1 and 2, is in conformity with the performance declared in point 8. This declaration of performance is issued under the sole responsibility of the manufacturer, see point 4. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 8. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4. Archer, 10/25/2024					

Signature:

THERMOROSI SPA
SA Representative

THERMOROSI <i>The Others</i>		DECLARATION OF PERFORMANCE IN ACCORDANCE WITH DIRECTIVE (UE) 305/2011 DECLARATION OF PERFORMANCE ACCORDING TO REGULATION (EU) 305/2011		N° 145	
1 Unique identification code of the product type: TRILOGIE 8 Unique identification code of the product type:		2 Type, batch, series within the meaning of Article 11, paragraph 4: TRILOGY 8 Model, batch or serial number required under Article 11 (4):			
3 Intended uses of the construction product according to the relevant harmonised technical specification: Intended uses of the construction product, in accordance with the applicable harmonised technical specification: Residential space heating appliance without water fired by wood logs					
4 Registered trade name and contact address of the manufacturer within the meaning of Article 11, paragraph 5: THERMOROSI SPA Via Grumolo, n° 4 36011 Arsiero (VI)		5 Name and contact address of the authorized representative within the meaning of Article 12, paragraph 2: Name and address of the agent as required pursuant to Article 12 (2):			
6 System for assessing and controlling the constancy of performance of the construction product, see Annex V: System 3 System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V: System 3					
7 Notified Labor: Notified laboratory: KIWA CERMET ITALY SpA NO.0476		Test report number based on System 3: 2013271			
Declared performance					
Harmonized technical specification :		EN 15229			
Essential characteristics		performance			
Behavior in case of fire / Reaction to fire		A1			
distance from flammable materials Distance to combustible materials		Minimum distances (mm): Rear = 500 Sides = 500 Front = 1,500 Ceiling = 750 Floor = 1,500			
Risk of burning fuel falling out Surface temperature Electrical safety		Consistent / Compliant			
Cleanability Emission of combustion products		Consistent / Compliant			
Maximum operating pressure Flue gas temperature at nominal		Consistent / Compliant			
heat output T 203 °C		CO = 228 mg/m ³ bei Nennwärmeleistung / CO at Nominal heat output - bar			
Mechanical resistance (to carry a chimney)		NPD (No specific performance)			
Nennwärmeleistung / Nominal heat output Room heating output Heat output delivered to the water / Water heating output		7,9 kW 7,9 kW --- kW			
Efficiency The performance		87,4% at nominal heat output			
8 of the product, see points 1 and 2, is in conformity with the performance declared in point 8. This declaration of performance is issued under the sole responsibility of the manufacturer, see point 4. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 8. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4. Archer, 10/25/2024					

Signature:

THERMOROSI SPA
SA Representative

THERMOROSSI <i>The Experts</i>		DECLARATION OF PERFORMANCE IN ACCORDANCE WITH DIRECTIVE (UE) 305/2011 DECLARATION OF PERFORMANCE ACCORDING TO REGULATION (EU) 305/2011		N° 146	
1 Unique identification code of the product type: TRILOGIE 10 Unique identification code of the product type:		2 Type, batch, series within the meaning of Article 11, paragraph 4: TRILOGY 10 Model, batch or serial number required under Article 11 (4):			
3 Intended uses of the construction product according to the relevant harmonised technical specification: Intended uses of the construction product, in accordance with the applicable harmonised technical specification: Residential space heating appliance without water fired by wood logs					
4 Registered trade name and contact address of the manufacturer within the meaning of Article 11, paragraph 5: Name and contact address of the manufacturer as required pursuant to Art. 11 (5): THERMOROSSI SPA Via Grumolo, n° 4 36011 Arsiero (VI)		5 Name and contact address of the authorized representative within the meaning of Article 12, paragraph 2: Name and address of the agent as required pursuant to Article 12 (2):			
6 System for assessing and controlling the constancy of performance of the construction product, see Annex V: System 3 System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V: System 3					
7 Notified Labor: Notified laboratory: KIWA CERMET ITALY SpA NO.0476		Test report number based on System 3: 2013271			
Declared performance					
Harmonized technical specification :		EN 15229			
Essential characteristics		performance			
Behavior in case of fire / Reaction to fire		A1			
distance from flammable materials Distance to combustible materials		Minimum distances (mm): Rear = 500 Sides = 500 Front = 1,500 Ceiling = 750 Floor = 1,500			
Risk of burning fuel falling out Surface temperature Electrical safety		Consistent / Compliant			
Cleanability Emission of combustion products		Consistent / Compliant			
Maximum operating pressure Flue gas temperature at nominal		Consistent / Compliant			
heat output T 240 °C		CO = 150 mg/m3 bei Nennwärmeleistung / CO at Nominal heat output - bar			
Mechanical resistance (to carry a chimney) NPD (No specific performance)					
Nennwärmeleistung / Nominal heat output		9,9 kW			
Room heating output		9,9 kW			
Heat output delivered to the water / Water heating output		~ kW			
Efficiency The performance		86,0% at nominal heat output			
8 of the product, see points 1 and 2, is in conformity with the performance declared in point 8. This declaration of performance is issued under the sole responsibility of the manufacturer, see point 4. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 8. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4. Archer, 10/25/2024					

Signature:

THERMOROSSI S.p.A.
 Via Grumolo, 4 - 36011 Arsiero (VI)

THERMOROSSI <i>The Experts</i>		DECLARATION OF PERFORMANCE IN ACCORDANCE WITH DIRECTIVE (UE) 305/2011 DECLARATION OF PERFORMANCE ACCORDING TO REGULATION (EU) 305/2011		N° 147	
1 Unique identification code of the product type: TRILOGIE 11 Unique identification code of the product type:		2 Type, batch, series within the meaning of Article 11, paragraph 4: TRILOGY 11 Model, batch or serial number required under Article 11 (4):			
3 Intended uses of the construction product according to the relevant harmonised technical specification: Intended uses of the construction product, in accordance with the applicable harmonised technical specification: Residential space heating appliance without water fired by wood logs					
4 Registered trade name and contact address of the manufacturer within the meaning of Article 11, paragraph 5: Name and contact address of the manufacturer as required pursuant to Art. 11 (5): THERMOROSSI SPA Via Grumolo, n° 4 36011 Arsiero (VI)		5 Name and contact address of the authorized representative within the meaning of Article 12, paragraph 2: Name and address of the agent as required pursuant to Article 12 (2):			
6 System for assessing and controlling the constancy of performance of the construction product, see Annex V: System 3 System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V: System 3					
7 Notified Labor: Notified laboratory: KIWA CERMET ITALY SpA NO.0476		Test report number based on System 3: 2013271			
Declared performance					
Harmonized technical specification :		EN 15229			
Essential characteristics		performance			
Behavior in case of fire / Reaction to fire		A1			
distance from flammable materials Distance to combustible materials		Minimum distances (mm): Rear = 500 Sides = 500 Front = 1,500 Ceiling = 750 Floor = 1,500			
Risk of burning fuel falling out Surface temperature Electrical safety		Consistent / Compliant			
Cleanability Emission of combustion products		Consistent / Compliant			
Maximum operating pressure Flue gas temperature at nominal		Consistent / Compliant			
heat output T 254 °C		CO = 126 mg/m3 bei Nennwärmeleistung / CO at Nominal heat output - bar			
Mechanical resistance (to carry a chimney) NPD (No specific performance)					
Nennwärmeleistung / Nominal heat output		10,7 kW			
Room heating output		10,7 kW			
Heat output delivered to the water / Water heating output		~ kW			
Efficiency The performance		85,5% at nominal heat output			
8 of the product, see points 1 and 2, is in conformity with the performance declared in point 8. This declaration of performance is issued under the sole responsibility of the manufacturer, see point 4. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 8. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4. Archer, 10/25/2024					

Signature:

THERMOROSSI S.p.A.
 Via Grumolo, 4 - 36011 Arsiero (VI)

EN - PRODUCT DATA SHEET (EU 2013/118) EN - PRODUCT SHEET (EU 2013/118) EN - PRODUCT DATA SHEET (EU 2013/118) EN - PRODUCT DATA SHEET (EU 2013/118) EN - PRODUCT SHEET (EU 2013/118)		EN - BRAND EN - FIRE EN - BRAND NL - BRAND DE - BRAND EN - BRAND		THERMOROSI S.P.A.		
EN - MODEL EN - MODEL FR - MODEL NL - MODEL EN - MODEL EN - MODEL	SKYLINE 400 8	SKYLINE 400 9	SKYLINE 540 6 PANORAMA 6 MOONLIGHT 6 TRILOGY 6	SKYLINE 540 8 PANORAMA 8 MOONLIGHT 8 TRILOGY 8	SKYLINE 540 10 PANORAMA 10 MOONLIGHT 10 TRILOGY 10	SKYLINE 540 11 PANORAMA 11 MOONLIGHT 11 TRILOGY 11
EN - ENERGY EFFICIENCY CLASS EN - ENERGY EFFICIENCY CLASS EN - ENERGY EFFICIENCY CLASS NL - ENERGY EFFICIENCY CLASS DE - ENERGY EFFICIENCY CLASS EN - ENERGY EFFICIENCY CLASS	A +	A +	A +	A +	A +	A +
EN - DIRECT THERMAL POWER EN - DIRECT HEAT OUTPUT EN - DIRECT THERMAL POWER NL - DIRECT HEAT OUTPUT DE - DIRECT HEAT OUTPUT EN - DIRECT CALORIFIC POWER	7.9 kW 9.3 kW 5.7 kW 7.9 kW 9.9 kW 10.7 kW					
EN - INDIRECT THERMAL POWER EN - INDIRECT HEAT OUTPUT EN - INDIRECT THERMAL POWER NL - INDIRECT HEAT RELEASE DE - INDIRECT HEAT OUTPUT EN - INDIRECT CALORIFIC POWER						
EN - ENERGY EFFICIENCY INDEX EN - ENERGY EFFICIENCY INDEX EN - ENERGY EFFICIENCY INDEX NL - ENERGY EFFICIENCY INDEX DE - ENERGY EFFICIENCY INDEX EN - ENERGY EFFICIENCY INDEX	113	114	112	117	115	114
EN - USEFUL EFFICIENCY AT NOMINAL THERMAL POWER EN - USEFUL ENERGY EFFICIENCY AT NOMINAL HEAT OUTPUT EN - USEFUL EFFICIENCY AT NOMINAL THERMAL POWER NL - USEFUL RETURN AT NOMINAL POWER DE - FUEL ENERGY EFFICIENCY AT NOMINAL HEAT OUTPUT EN - USABLE ENERGY EFFICIENCY AT NOMINAL HEAT OUTPUT	85,1 % 85,3 % 83,9 % 87,4 % 86,0 % 85,5 %					
EN - USEFUL EFFICIENCY AT MINIMUM LOAD EN - USEFUL ENERGY EFFICIENCY AT MINIMUM LOAD EN - USEFUL EFFICIENCY AT MINIMUM LOAD NL - USEFUL EFFICIENCY WITH MINIMAL HEAT OUTPUT DE - FUEL ENERGY EFFICIENCY AT MINIMUM LOAD EN - USABLE ENERGY EFFICIENCY AT MINIMUM LOAD						
EN - FOLLOW ALL INSTRUCTIONS IN THE INSTALLATION, USE AND MAINTENANCE MANUAL EN - ALWAYS FOLLOW THE INSTRUCTIONS PROVIDED IN THE OPERATING AND MAINTENANCE MANUAL EN - FOLLOW ALL INSTRUCTIONS GIVEN IN THE INSTALLATION, USE AND MAINTENANCE MANUAL EN - RESPECT ALL INSTRUCTIONS CONTAINED IN THE MANUAL FOR INSTALLATION, USE AND MAINTENANCE EN - FOLLOW THE INSTALLATION, USE AND MAINTENANCE INSTRUCTIONS CONTAINED IN THE INSTRUCTION MANUAL EN - RESPECT THE INSTRUCTIONS REPORTED IN THE USE AND MAINTENANCE MANUAL						

1 – INTRODUCTION

1.1 SAFETY INSTRUCTIONS

This installation, operating and maintenance manual is an essential part of the product and must be kept by the operator. This manual must be read carefully before installing, operating and maintaining the product. All local, national and European standards must be complied with when installing and using the device. The customer and operator are recommended to carry out all maintenance listed in this manual.

This device may only be used for its intended purpose. Any other use is considered improper and therefore dangerous. The operator is fully liable for any improper use of the product. Installation, maintenance and any repairs must be carried out by professionally trained personnel in accordance with Decree No. 37 of January 22nd, 2008 and in accordance with the relevant regulations. Only original spare parts supplied by the manufacturer may be used for repairs. Installation errors or poor maintenance may cause personal injury or damage to property. In this case, the manufacturer is exempt from all liability. Any access to any system, component, internal or external part of the device or to any special accessories supplied without the express authorization of Thermorossi SpA will void the warranty and exclude the manufacturer's liability in accordance with Presidential Decree DPR 224 of May 24th, 1988, art. 6/b. Handle this manual with care and keep it in a place that is easily and quickly accessible. If it is lost or damaged, the user must request a copy from the manufacturer. If the device is sold or transferred to another user, it must always be ensured that it remains together with the instructions. The images and illustrations in this manual are for illustrative purposes only and may differ from reality. Thermorossi also reserves the right to modify the contents of this manual at any time and without prior notice.

Thermorossi SpA holds the copyright to this manual. The information contained herein may not be reproduced, made available to third parties or used for other purposes without permission.

1.2 SAFETY REGULATIONS

**PERSONAL INJURY**

This safety symbol marks important information within the manual. The note following the symbol must be read carefully, as failure to observe it could result in serious harm to the user of the device.

**PROPERTY DAMAGE**

This safety symbol indicates notes or instructions which, if observed, are essential for the correct operation of the device. Failure to follow these instructions carefully may result in serious damage to the device.

**INFORMATION**

This symbol indicates important instructions for the correct operation of the device. If they are not followed exactly, satisfactory performance cannot be expected.

1.3 RECOMMENDATIONS



Before using the appliance, this User and Maintenance Manual must be read carefully in its entirety, as knowledge of the information and instructions contained in this document is essential for the correct use of the appliance.

No liability is accepted - including towards third parties - for damages if the instructions for installation, use and maintenance of the device are not followed. The operator assumes full responsibility for any changes that he carries out himself or has carried out by his authorized representatives. The operator is responsible for all activities before and during operation that are necessary to keep the device functional.



If you notice a large build-up of smoke in the combustion chamber, move away from the appliance immediately. In particular, please move away from the glass pane of the combustion chamber door. Too high a concentration of unburned gases can lead to a deflagration and cause the glass to shatter. Under no circumstances should you open the loading door or approach the product as long as there is no flame. Please then contact your customer service department to determine the cause. Under no circumstances should the appliance be lit afterwards.

1.4 GENERAL INFORMATION

The product must not be used by children under 8 years of age, people with reduced mental, sensory or physical skills or by people who are not familiar with the instructions for operating and maintaining the product (the instructions are included in this manual). Children must not play with the appliance.

ATTENTION: Before lighting the stove, make sure that the combustion chamber grate and the ash pan are clean.

ATTENTION: It is strictly forbidden to open the door when the flame is still burning. During operation, the smoke exhaust pipes, door, handles and some parts of the appliance can reach very high temperatures. Please be careful not to touch them. Please teach your children to be aware of these dangers. Do not expose your body to hot air for long periods of time and do not overheat the room in which the appliance is located: such behavior can cause health problems. Do not expose plants or animals directly to the hot air stream as this could have a harmful effect on them. Do not place non-heat-resistant, flammable or combustible objects near the appliance: they must remain at a reasonable distance from the oven. Do not use the product as a drying rack for clothes. Drying racks for laundry must remain at a reasonable distance from the oven.



Caution: the device must not get wet. Do not vacuum up hot ash: this could damage the vacuum cleaner used. All cleaning procedures described in this manual must be carried out when the device is cold.



Attention! Note for customers from Switzerland.

Please observe the applicable cantonal regulations of the fire brigade (obligation to report and safety distances) and the information leaflet on the installation of stoves published by the Association of Fire Insurance Institutes (VKF - AEAI).

1.5 TRANSPORT AND STORAGE

TRANSPORT AND TRANSPORTATION

The appliance body must only be moved using a trolley. Particular attention must be paid to protecting the glass panel and all sensitive parts from mechanical shocks that could damage the appliance and affect its correct operation.

STORAGE

The appliance should be stored in a dry place, where it is not exposed to the elements. It is not advisable to place the appliance directly on the floor. The manufacturer is not liable for damage to floors made of wood or other materials. It is not advisable to keep the product in the warehouse for a very long time.

1.6 INFORMATION ON CORRECT PRODUCT DISPOSAL



At the end of its useful life, the product must not be disposed of as municipal waste, but in an environmentally friendly manner and in accordance with the relevant regulations. It must be handed over to the waste collection points set up by local authorities. Correct disposal not only prevents pollution of the environment, but also allows the materials to be collected and recycled.

2 – TECHNICAL CHARACTERISTICS

	SKYLINE	SKYLINE	SKYLINE	SKYLINE	SKYLINE	SKYLINE	PANORAMA	PANORAMA	PANORAMA	PANORAMA
Height (mm)	100	100	100	100	100	100	100	100	100	100
depth (mm)	100	100	100	100	100	100	100	100	100	100
Width (mm)	100	100	100	100	100	100	100	100	100	100
Weight (kg)	100	100	100	100	100	100	100	100	100	100
Diameter of smoke outlet (mm)	100	100	100	100	100	100	100	100	100	100
minimum draft (Pa)	12	12	12	12	12	12	12	12	12	12
Maximum hourly consumption (Kg/h)	100	100	100	100	100	100	100	100	100	100
Average duration of a fuel filling (Min) **	47	48	50	49	51	51	50	49	51	51
Heat load (kW) **	9,3	10,9	9,0	11,5	9,0	11,5	12,5	6,8		
Nominal heat output (kW) **	7,9	9,3	7,9	9,0	10,7	9,9	10,7	5,7		
Efficiency (%) **	85,1	85,3	83,9	87,4	86,0	85,5	83,9	87,4	86,0	85,5

CO emissions (mg/m³ at 13% O₂)	382	295	348	228	150		120	348	228	150	120
Room heating capacity (m²) *	210	250	150	210	260	285	150	210	260	285	
Average smoke temperature (°C) **	221	235	201	203	240	254	201	203	240	254	
Abgasmassenstrom (g/s) **	5,9	6,3	5,4	5,2	6,0	6,4	5,4	5,2	6,0	6,4	
Dimensions of fire opening (mm) (LxH)	557x253		557x302				557x302				
Firebox dimensions (mm) (L x H x D)	557x222x342		557x271x342				557x271x342				

	MOONLIGHT		MOONLIGHT		MOONLIGHT		TRILOGY		TRILOGY		TRILOGY	
Height (mm)	---				1.528							
depth (mm)	---				495							
Width (mm)	---				690							
Weight (kg)	---				207							
Diameter of smoke outlet (mm)	---				130							
minimum draft (Pa)	12				12							
Maximum hourly consumption (Kg/h) ***	1,5 6	2,0 7	2,6 6	2,8 4	1,5 6	2,0 7	2,6 6	2,8 4				
Average duration of a fuel filling (Min) **	50 49 51			51 50 49			51	51				
Heat load (kW) **	6,8 9,0		11, 5	12, 5	6,8 9,0		11, 5	12, 5				
Nominal heat output (kW) **	5,7 7,9 9,9			10, 7	5,7 7,9 9,9			10, 7				
Efficiency (%) **	83, 9	87, 4	86, 0	85, 5	83, 9	87, 4	86, 0	85, 5				
CO emissions (mg/m³ at 13% O2) **	348 228	150 120	348 228	150 120								

Room heating capacity (m³) *	150 210	260 285	50 210 260 285				
Average smoke temperature (°C) **	201 203	240 254	201 203 240 254				
Abgasmassenstrom (g/s) **	5,4 5,2	6,0 6,4 5,4	5,2 6,0 6,4				
Dimensions of fire opening (mm) (LxH)	557x302			557x302			
Firebox dimensions (mm) (L x H x D)	557x271x342			557x271x342			

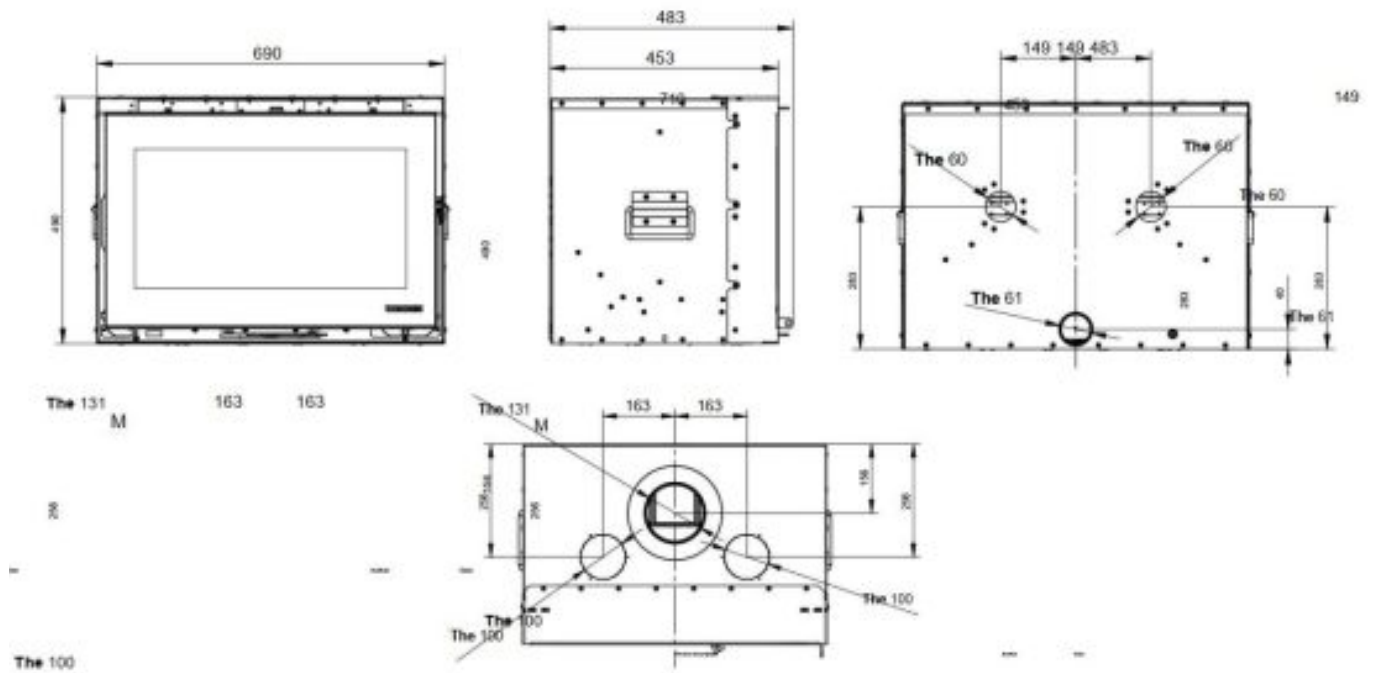
* IMPORTANT: It should be noted that the room heating capacity depends to a large extent on the thermal insulation of the apartment (energy class of the property) and on where the appliance is located in the apartment. The values indicated can therefore be subject to considerable changes.

** NOTE: the values given were determined using beech logs (2 logs) with a lower calorific value of 15,604 kJ/kg and a moisture content of less than 15%. If wood is burned whose properties are less favorable than these values, the consequences are lower efficiency, less power and more residual ash. In addition, the glass pane of the loading door becomes more dirty. ***

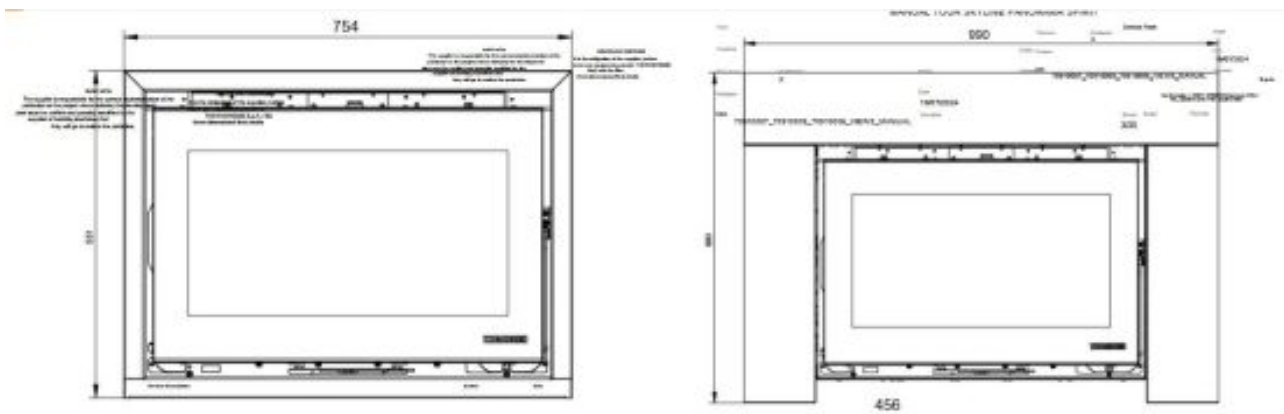
It is strictly forbidden to add more fuel than that indicated in the table. Damage resulting from the appliance being exposed to high temperatures for a long period of time is not covered by the warranty.

2.1 DIMENSIONS

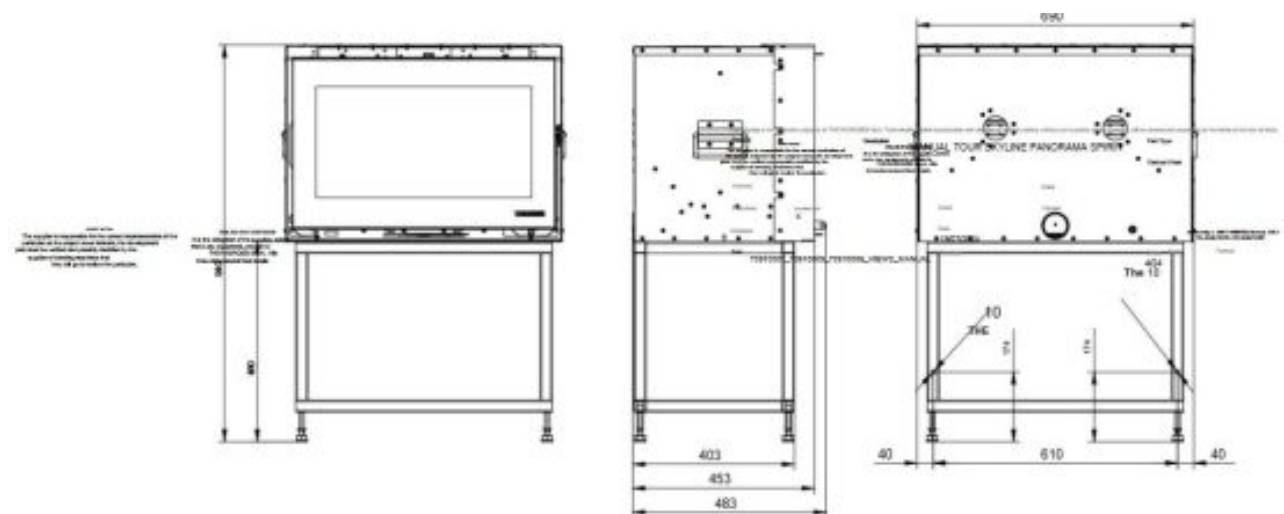
-SKYLINE 490 8 – SKYLINE 490 9 -



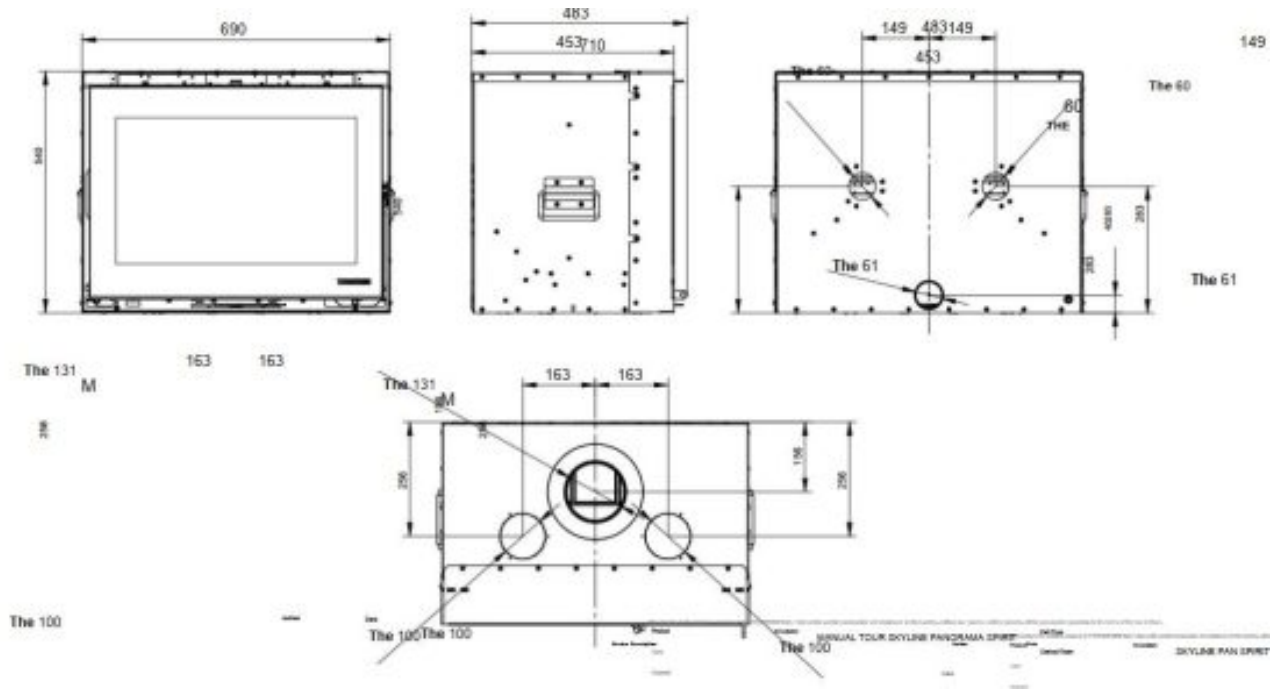
with end frame (optional) with compensation profiles (optional)



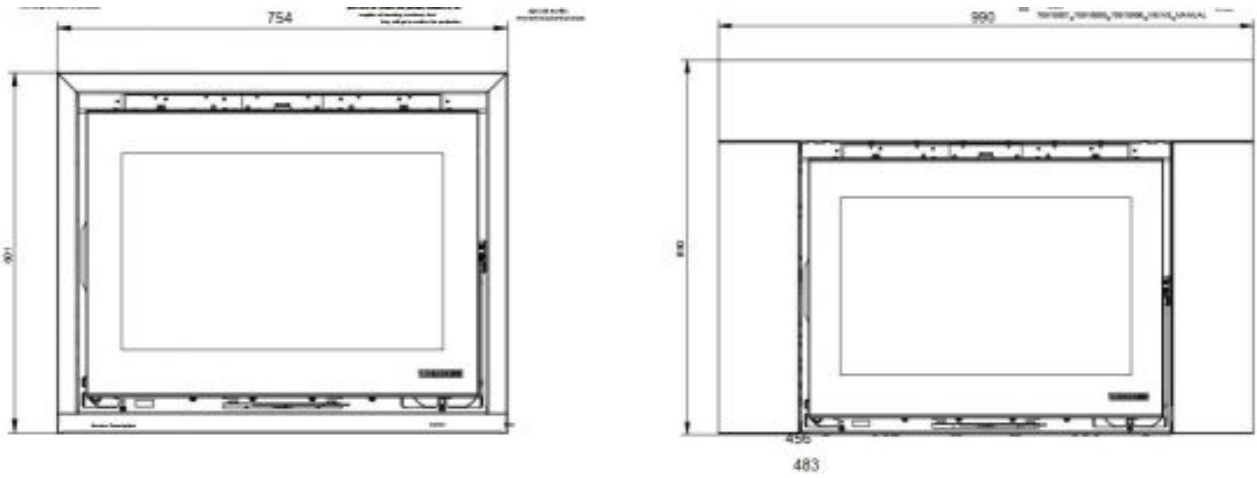
with adjustable base (optional extra)



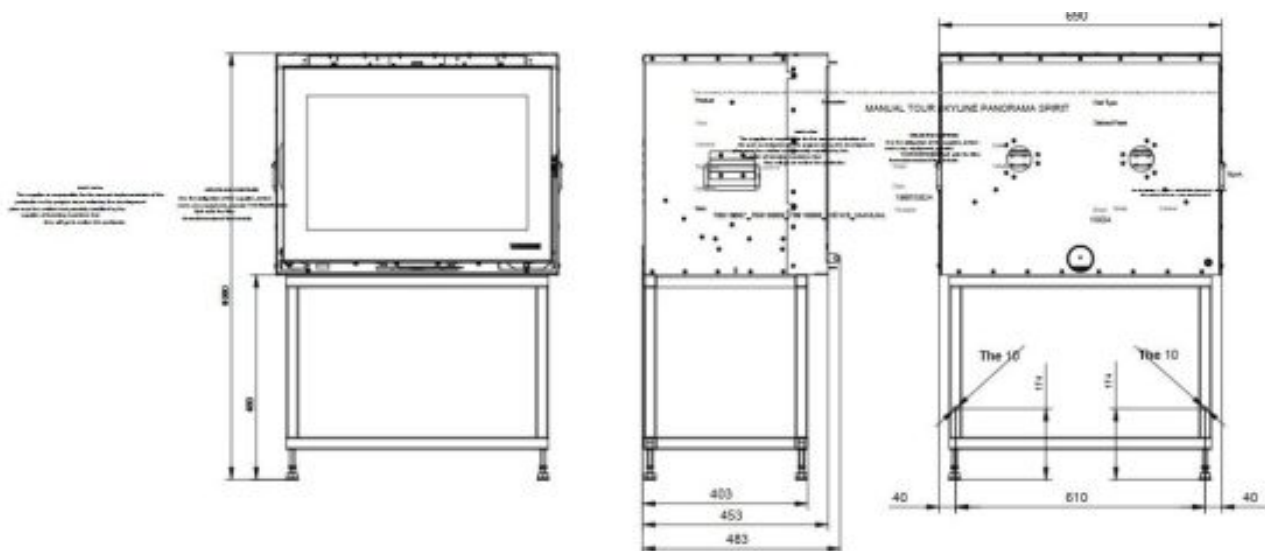
SKYLINE 540 6 – SKYLINE 540 8 – SKYLINE 540 10 – SKYLINE 540 11



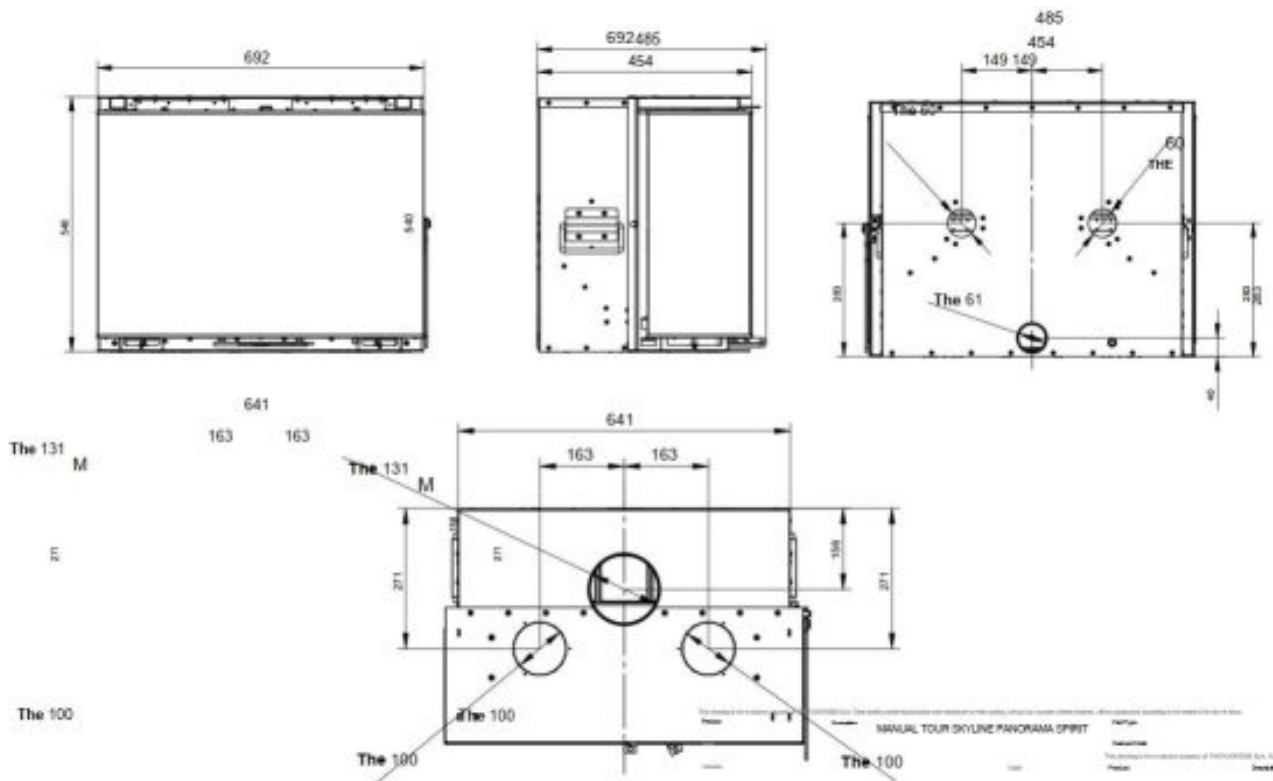
With end frame (optional) with compensation profiles (optional)



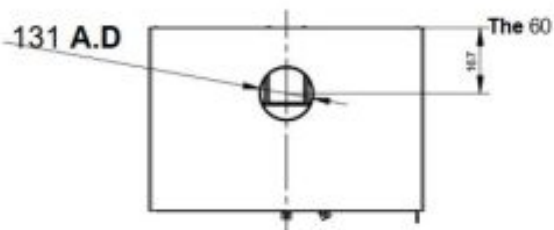
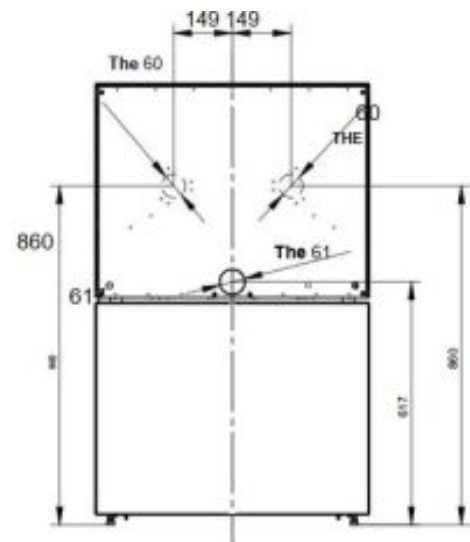
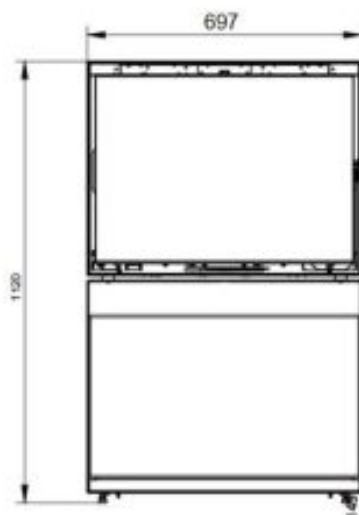
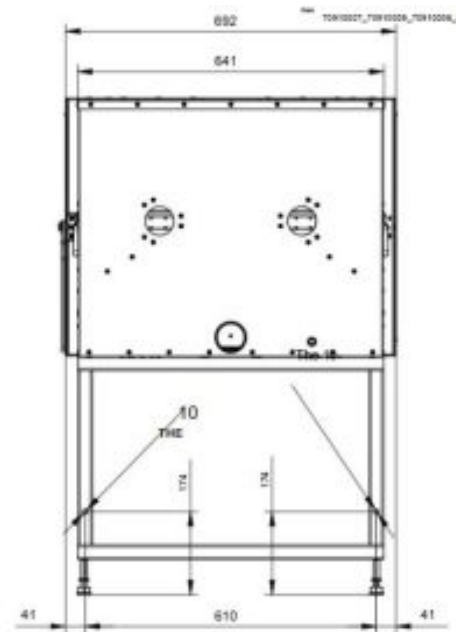
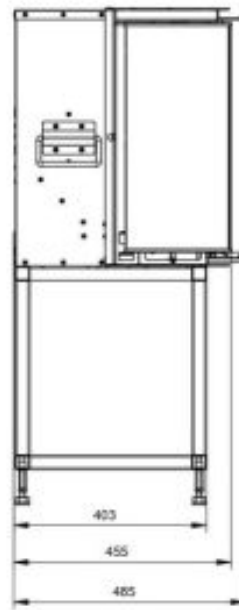
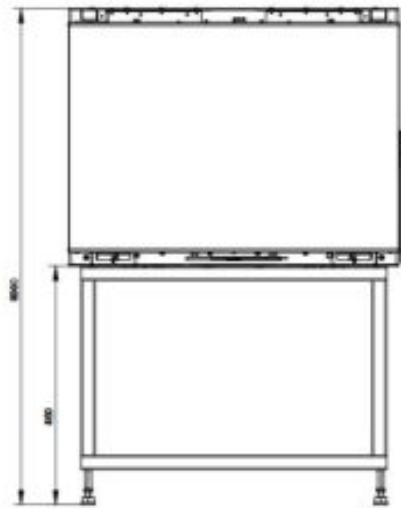
with adjustable base (optional extra)



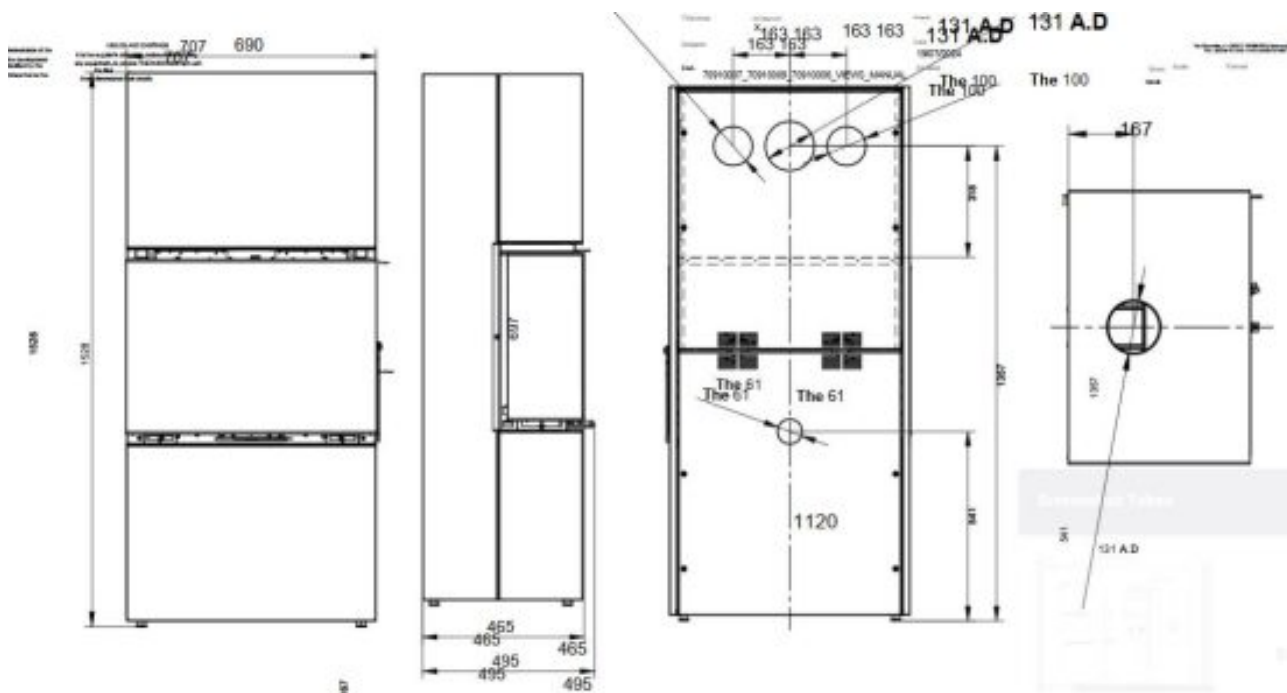
PANORAMA 6 – PANORAMA 8 – PANORAMA 10 – PANORAMA 11



with adjustable base (optional extra)



860



3 – GENERAL DESCRIPTION

3.1 THE FUEL

Normal logs with a moisture content between 10 and 20% and a calorific value of 10,400 to 16,400 KJ/kg should be used as fuel. Beech or hornbeam wood is recommended. If wood with a lower moisture content or a higher calorific value is used, the stove will produce more heat.

Knowing and using the right fuel is one of the most important aspects to consider for the correct and long-lasting operation of the appliance. In this regard, it is recommended to use only dry, well-seasoned wood. We advise against using wet wood or wood that has been stored for less than 18-20 months. This could lead to malfunctions and the formation of tar, which permanently blackens the walls of the combustion chamber.

We recommend using logs with a maximum length of 330 mm (recommended maximum cross-section Ø 80 mm). A maximum of 2 to 3 logs may be loaded at the same time. Alternatively, it is possible to load a 500 mm long log (recommended maximum cross-section Ø 80 mm).

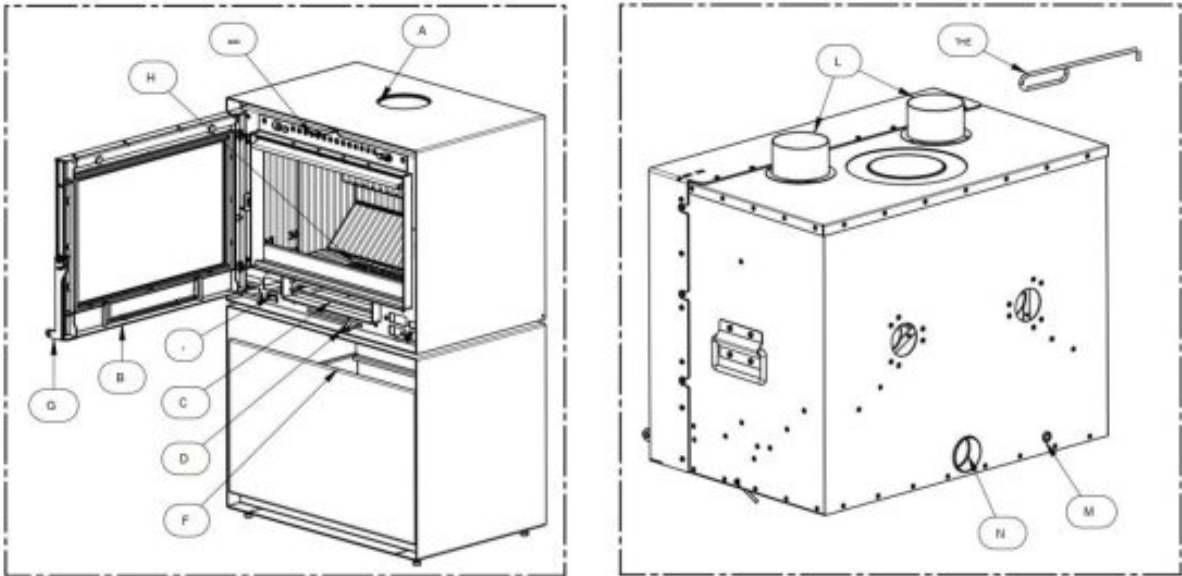
MAXIMUM PERMISSIBLE LOAD:

Kg	Model
2,15	SKYLINE 490 8
2,55	SKYLINE 490 9
1,56	SKYLINE 540 6 – PANORAMA 6 – MOONLIGHT 6 – TRILOGIE 6
2,07	SKYLINE 540 8 – PANORAMA 8 – MOONLIGHT 8 – TRILOGIE 8
2,66	SKYLINE 540 10 – PANORAMA 10 – MOONLIGHT 10 – TRILOGIE 10
2,84	SKYLINE 540 11 – PANORAMA 11 – MOONLIGHT 11 – TRILOGIE 11

THERE MUST BE NO LESS THAN 1 HOUR BETWEEN TWO FIREWOOD TASKS
 ADDITION OF HIGHER FUEL AMOUNTS OR MORE FUEL LOADS IN ONE HOUR EXPOSES THE APPLIANCE TO VERY HIGH TEMPERATURES. FOR THIS REASON, THE WARRANTY WILL NOT COVER ANY DAMAGE RESULTING FROM EXPOSURE TO SUCH HIGH TEMPERATURES FOR A PROLONGED PERIOD OF TIME.

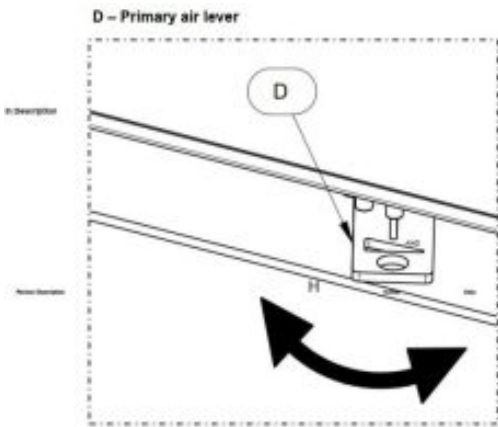
If fuel that does not comply with the above specifications is used, or if other substances or fuels are used, the warranty for the device will immediately expire. The device must not be used to incinerate waste. The use of all liquid and gaseous fuels is prohibited. The device must not be overloaded with excessive amounts of fuel. The specified maximum consumption must be strictly adhered to.

3.2 MAIN COMPONENTS



LEGEND

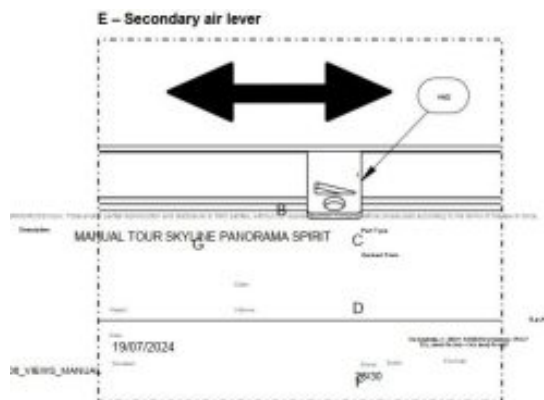
A	smoke extractor	H	Feuerrost
B	Feuerraumtür	-	fan switch (optional equipment)
C	ash pan	L	collars for the sewers
D	primary air lever	M	hole for fan cable (optional extra)
140	secondary air lever	N	pipe for combustion air intake
F	wooden drawer (Moonlight only)	110	poker
G	door opening handle		



It is used to regulate the primary air flow. As it flows through the grate of the combustion chamber, the primary air feeds the combustion and determines its performance and speed. If the lever is moved to the left, the air flow increases. If the control is moved to the right, the air flow is reduced.



ATTENTION: the temperature of the primary air regulator is very high during operation. Therefore, be careful not to touch it. It must only be operated using the poker provided.



They regulate the flow of secondary air, which has the task of flowing over the glass pane and keeping it clean. If the lever is moved to the left, the air flow increases. If it is moved to the right, the air flow is reduced.



ATTENTION: The secondary air lever reaches a very high temperature during operation. Therefore, be careful not to touch it. It may only be operated using the poker provided.



Allows the door to be opened to refill fuel. Additional wood may only be added when the previous wood has burned up or turned to embers. The firing door of the

Open the firebox slowly and place the wood slowly on the bed of embers. Place a bed of embers. Finally, slowly close the door.



ATTENTION: The handle has a very high temperature. Therefore, be careful not to touch it. It may only be operated with the poker provided.



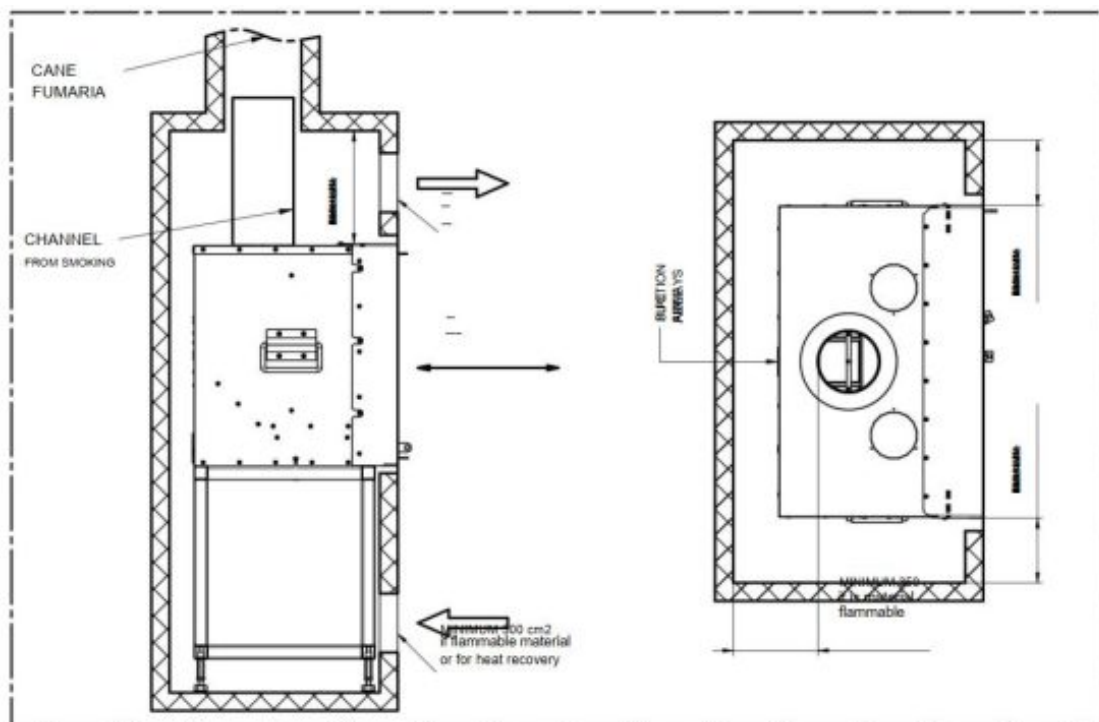
4 – INSTALLATION

4.1 SETTING UP THE DEVICE

It is recommended that you carefully follow the general instructions given in section 1.1. First of all, remember that the floor of the room where the appliance is installed must be able to support the weight of the appliance.

ATTENTION: The room in which the device is operated must be sufficiently ventilated and free from moisture and salty air.

Increased humidity or a high salt content in the room air can lead to rust or corrosion processes, which are not recognized under the warranty. If there are easily flammable objects near the device such as wood paneling, furniture, curtains, paintings or sofas, it is essential that the minimum distances shown in the figure below are respected. **WARNING:** The niche in which the insert is installed must be provided with the minimum ventilation openings shown in the figure below. In addition, the minimum distances must be respected.



LEGEND	LEGEND
CHIMNEY	SMOKE CHANNEL
SMOKE CHANNEL	SMOKE CHANNEL
MINIMUM 500 if flammable material	AT LEAST 500 for flammable material
MINIMUM 1000 if flammable material	AT LEAST 1000 for flammable material
MINIMUM 500 cm2 if flammable material or for heat recovery	At least 500 cm2 for flammable material or for heat recovery
SUCTION PIPE ALWAYS FREE	INTAKE PIPE ALWAYS CLEAR
MINIMUM 350 if flammable material	AT LEAST 350 for flammable material

Installation near heat-sensitive materials is permitted provided that suitable protection made of heat-insulating and fire-retardant material is interposed (Uni 10683). If the base is made of wood or flammable material, suitable fire-resistant floor protection must be installed between the appliance and the base. Failure to comply with these requirements will immediately void the warranty on the appliance. It is recommended to leave 250 mm free space to the right and left of the insert for scheduled and unscheduled maintenance.

The customer who operates the stove must obtain the certificate of conformity of the system from the installer (including plan). The following documents must be attached:

- Report specifying the type of materials used.
- Plan pursuant to Article 5 of Ministerial Decree No 37 of 22 January 2008.
- Diagram of the constructed facility.
- Reference to fully or partially existing declarations of conformity (e.g. electrical installation).
- Copy of the certificate of recognition of the professional requirements.

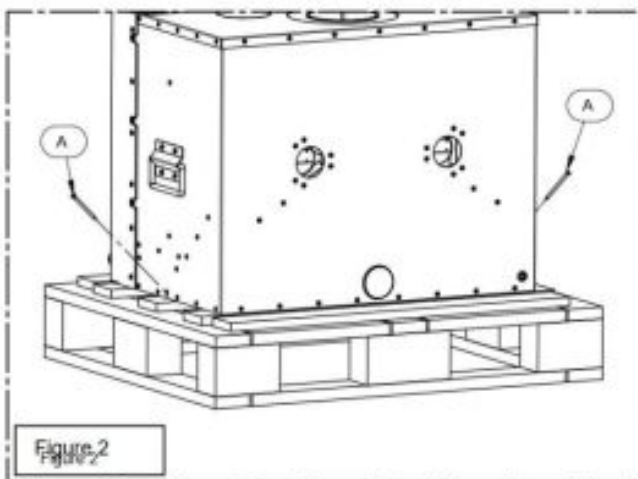
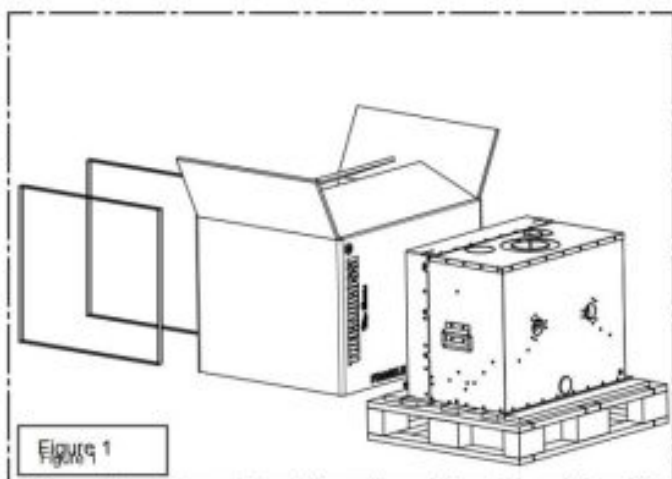
By law, these documents must be kept together with the operating and maintenance instructions. The customer who operates the oven must check himself or through a third party whether the installation has been carried out correctly in accordance with the relevant regulations in force. The device must not be installed in unsuitable rooms such as bedrooms, bathrooms, showers or garages or carports. The device must not be set up in an explosive atmosphere. **ATTENTION**, the device is not a household appliance: If the information in this booklet is not observed, the installation is not carried out correctly or the relevant regulations are not followed, dangerous situations can arise for people and property.

The operator is responsible for checking whether the room has a suitable ventilation grille for supplying the oxygen required by the heat generator. The installer must verbally instruct the end user on how to use the device correctly when it is used for the first time.

4.2 REMOVING THE TRANSPORT PACKAGING OF THE DEVICE

The device is delivered packed on a pallet. The device may only be transported using a trolley and only in an upright position. Before setting up and installing the device, it must be removed from the pallet as follows:

- Remove the strapping and the cardboard box (Figure 1).
- Remove the screws (A) that secure the insert to the pallet (Figure 2).
- Check that all moving components are in place. Labels and other self-adhesive material must also be removed from the windows.



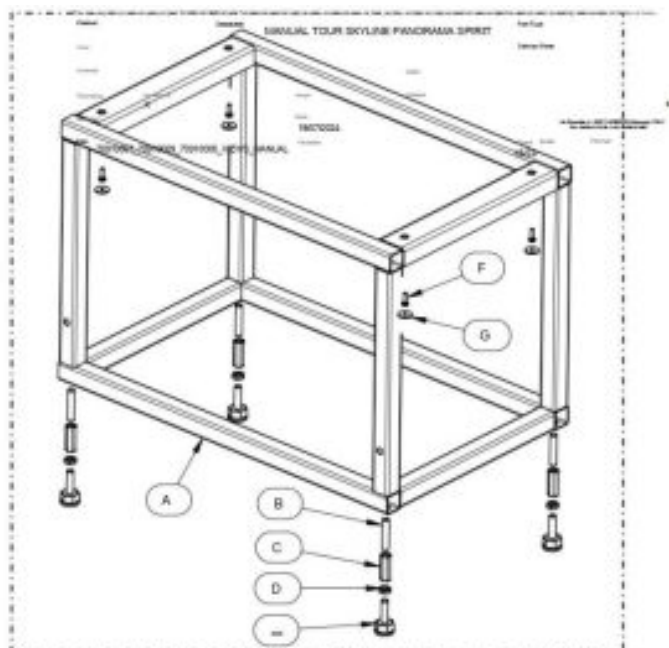
IMPORTANT: THE DEVICE MUST BE HANDLED WITH CARE WHEN UNPACKING. ANY DAMAGE CAUSED WHILE UNPACKING IS NOT COVERED BY THE WARRANTY.

4.3 INSTALLATION OF THE ADJUSTABLE BASE (OPTIONAL EQUIPMENT)

- 1) Attach the feet (E) to the adjustable base (A) and screw them in until the desired height is reached. If it is necessary to adjust the height of the device, the grub screw (B), spacer (C) and nut (D) are added.
- 2) Place the insert on the adjustable base (A) and secure it with the bolts (F) and washers (G).
- 3) Fasten the base to a stable surface using suitable anchors that can definitely support the total weight of the appliance.

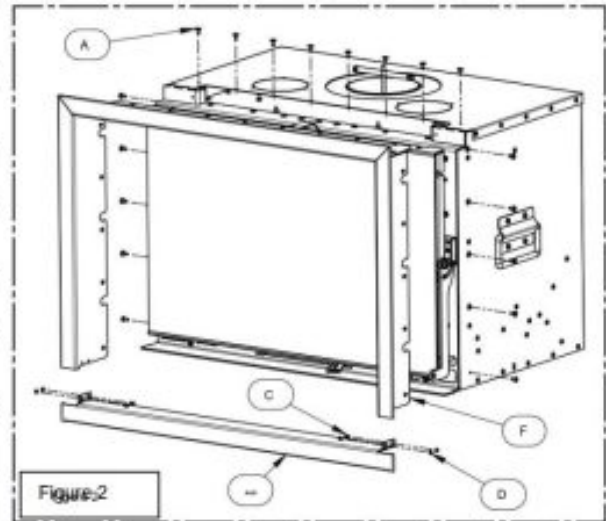
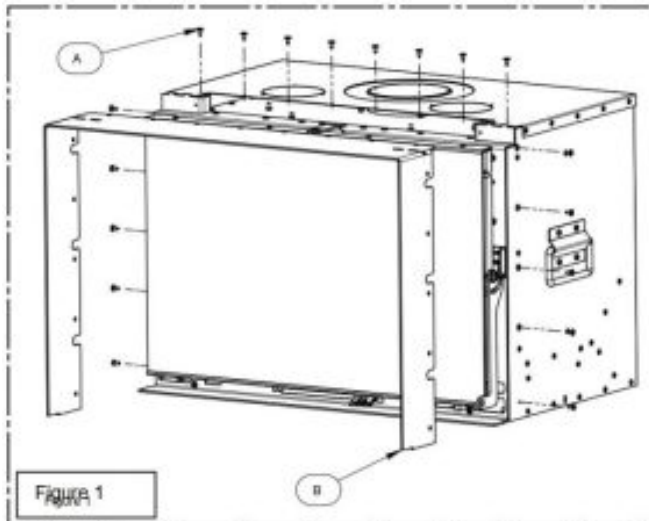


Make sure the floor and supporting surface are compact and can support the weight of the product and all accessories.



4.4 INSTALLATION OF THE CLOSING FRAME (OPTIONAL EQUIPMENT)

- 1) Remove the frame (B) mounted on the insert by loosening the screws (A) (see Figure 1).
- 2) Attach the end frame (F) using the screws (A) previously removed, see Figure 2.
- 3) Install the lower profile (E) onto the end frame (F) using the bolts (C) and nuts (D), see Figure 2.



4.5 INSTALLATION OF THE COMPENSATION PROFILES (OPTIONAL EQUIPMENT)

- 1) Remove the screws (A) of the frame mounted on the insert.
- 2) Install the bracket (B) using the screws (A) previously removed. Repeat the same operation on the other side.
- 3) Cut the compensation profiles (E, F, G) to the required dimensions and attach them with the screws (D) provided.
- 4) Hang the resulting frame on the bracket (B).

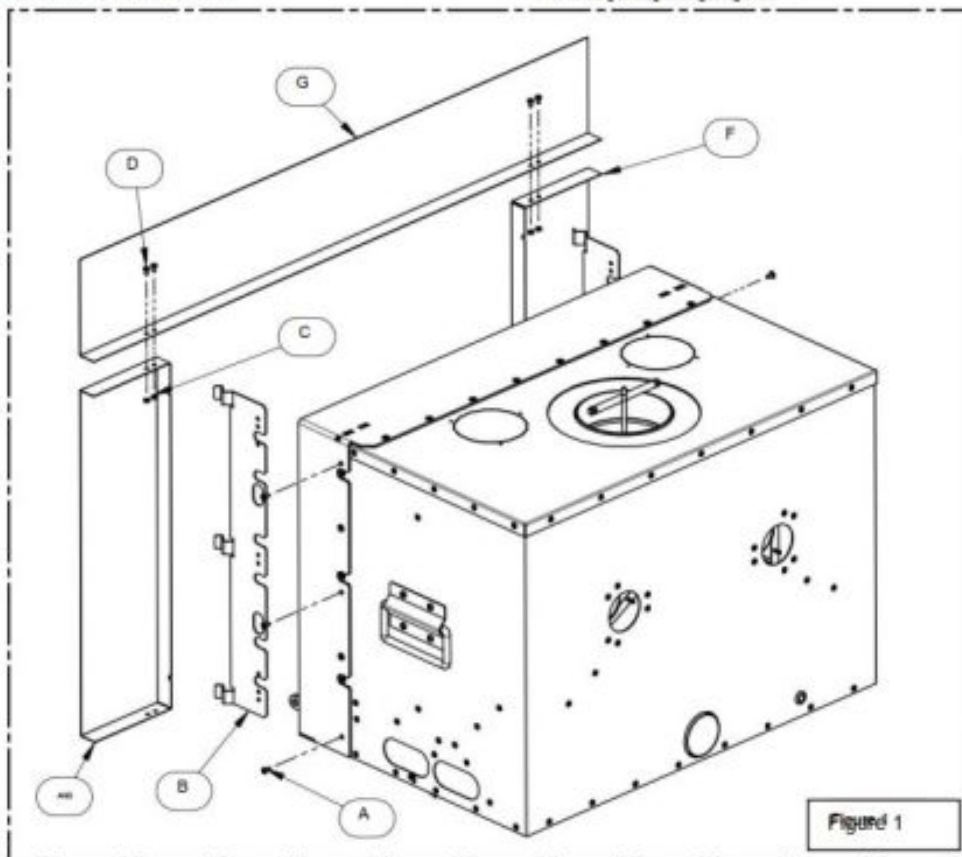
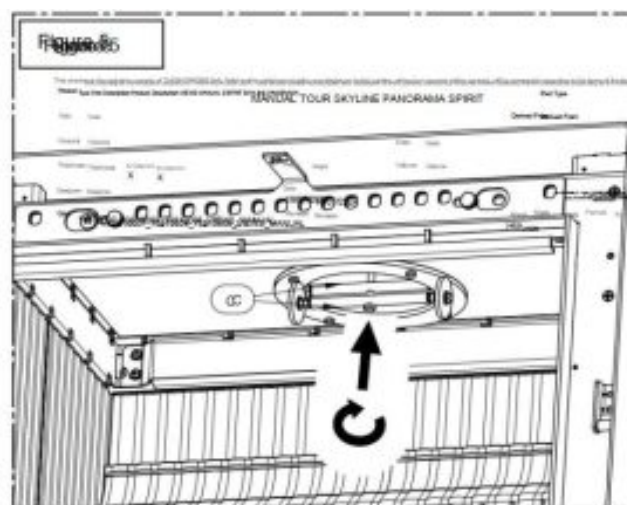
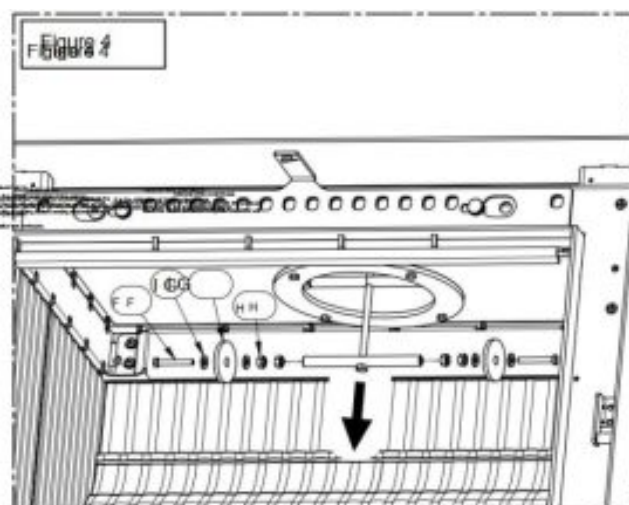
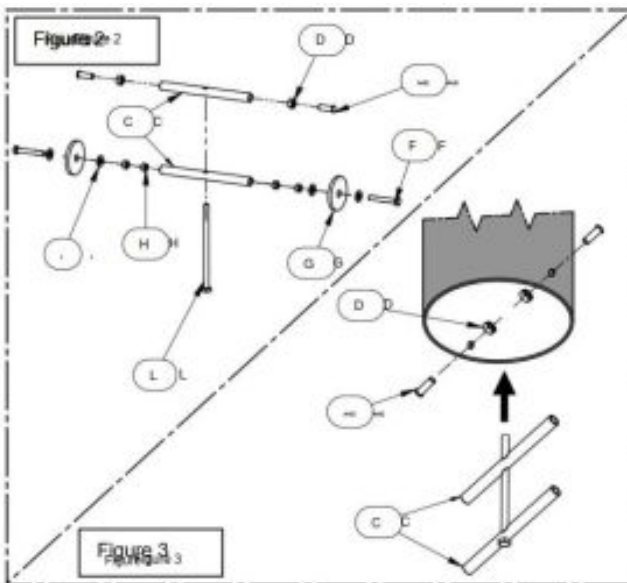
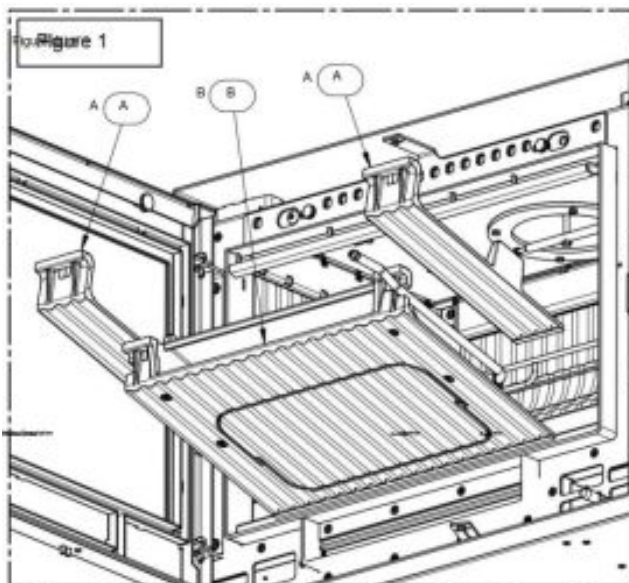


Figure 1

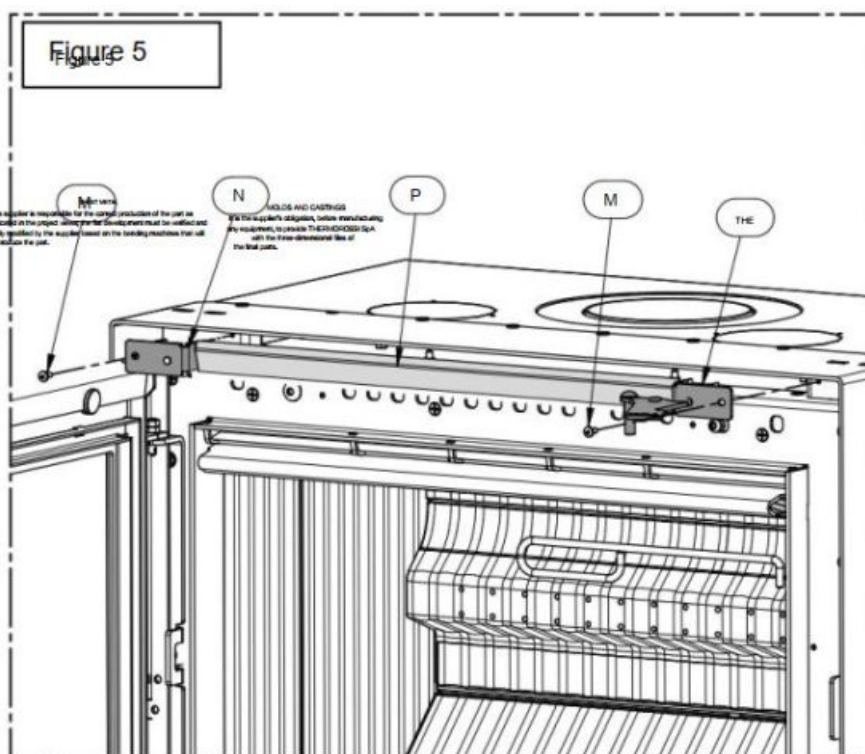
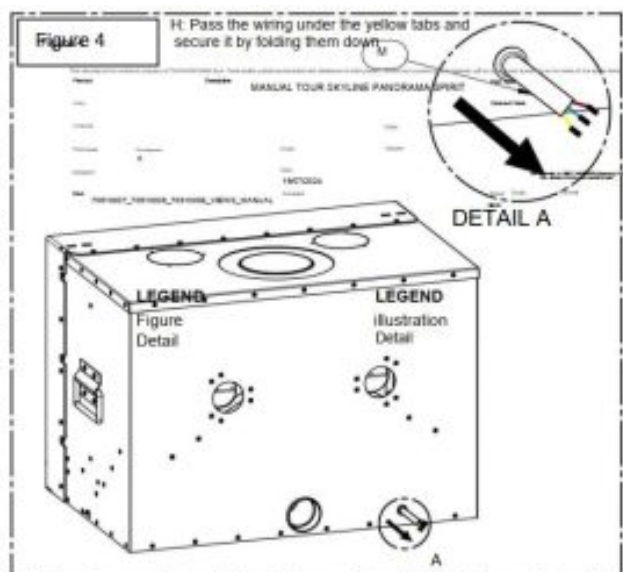
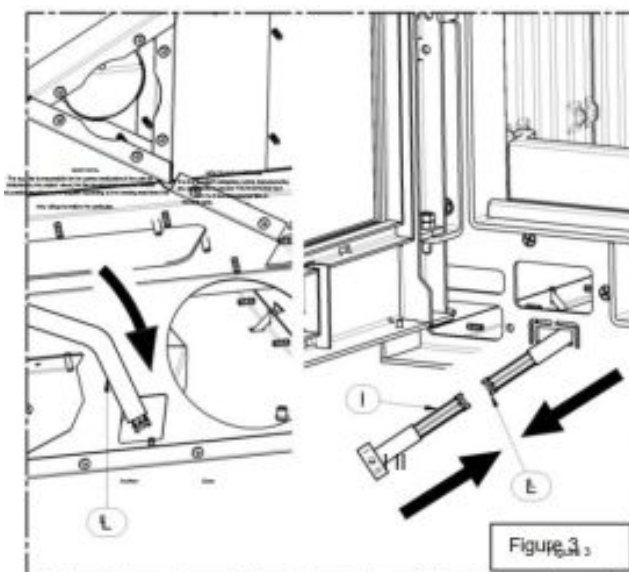
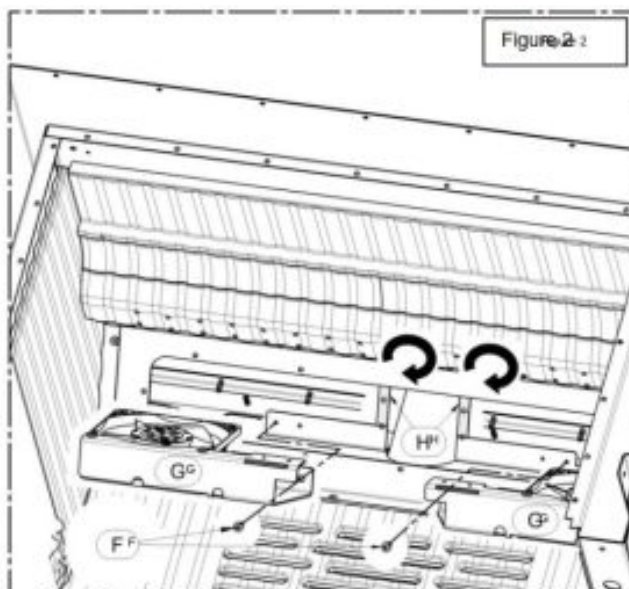
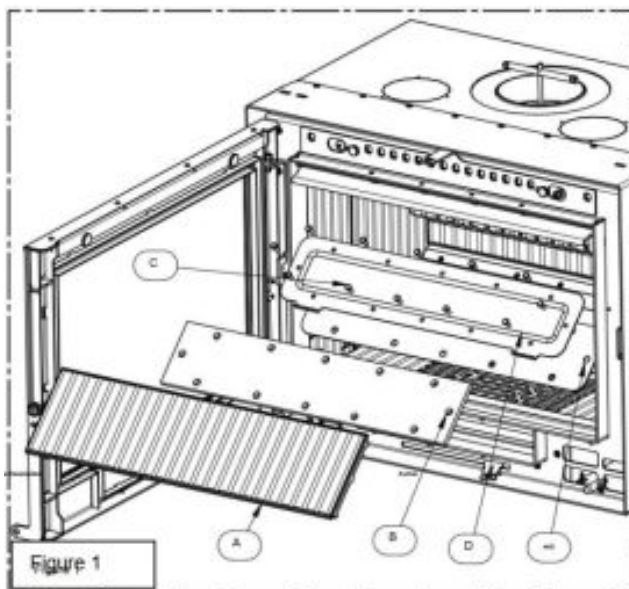
4.6 INSTALLATION OF THE SMOKE EXHAUST PIPE MOUNTING KIT

- 1) Remove the cast irons (A) and (B) from the top of the insert, see Figure 1.
- 2) Drill the flue pipe at the optimum height and fix the upper threaded bar (C) in it using the nuts (D) and bolts (E), then screw the bolt Author Author Data with the lower unthreaded bar onto the upper Data threaded bar (C), see figures 2 and 3.
- 3) Pull the resulting assembly downwards and tighten the bolts (F), washers (I) and (G) and nuts (H) on the lower Attach the bridge, see Figures 2 and 3.
- 4) Tighten the bolt (L) until the smoke channel is firmly and tightly attached to the insert's exhaust pipe, see figures 4 and 5. Then refit the cast irons previously removed.



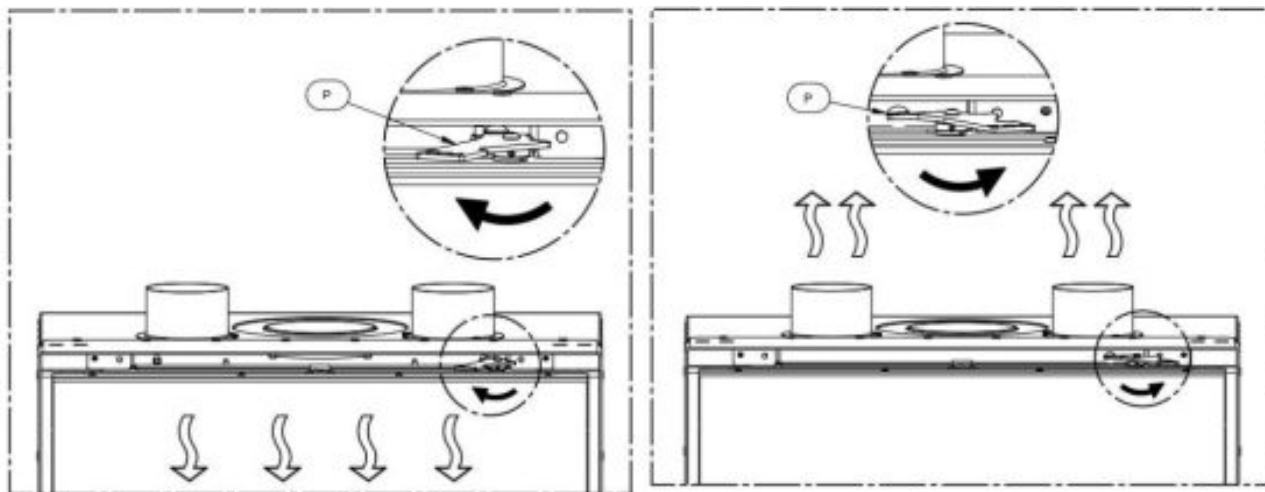
4.7 INSTALLATION OF THE AIRBOX4 KIT (OPTIONAL EQUIPMENT)

- 1) Remove cast iron (A), insulation (B), bolt (C), cover (D) and gasket (E), see Figure 1.
- 2) Insert the two fans (G) into the fan compartments and secure them with the screws (F), see Figure 2.
CAUTION: Route all electrical cables behind the blades (H) and bend them downwards to avoid contact with the fans and/or the cast iron parts of the appliance, see Figure 2.
- 3) Route the switch cable (L) through the cable channel on the front. Connect the wires to the wires in the order shown. of the switch and then press it until it clicks into place, see figure (3).
- 4) Lead the power cable (M) of the fan through the rear opening (A) and connect it to the 230V - 50Hz power supply, see Figure 4.
- 5) Mount the ventilation strip (P) with the 2 screws (M), see Figure 5. Then reinstall the previously removed components attach.



4.8 REGULATION OF THE AIRFLOW WITH THE AIRBOX4 KIT (OPTIONAL EQUIPMENT)

As shown in the following figures, you can select where you want the warm air flow to be redirected by operating the ventilation lever (P).

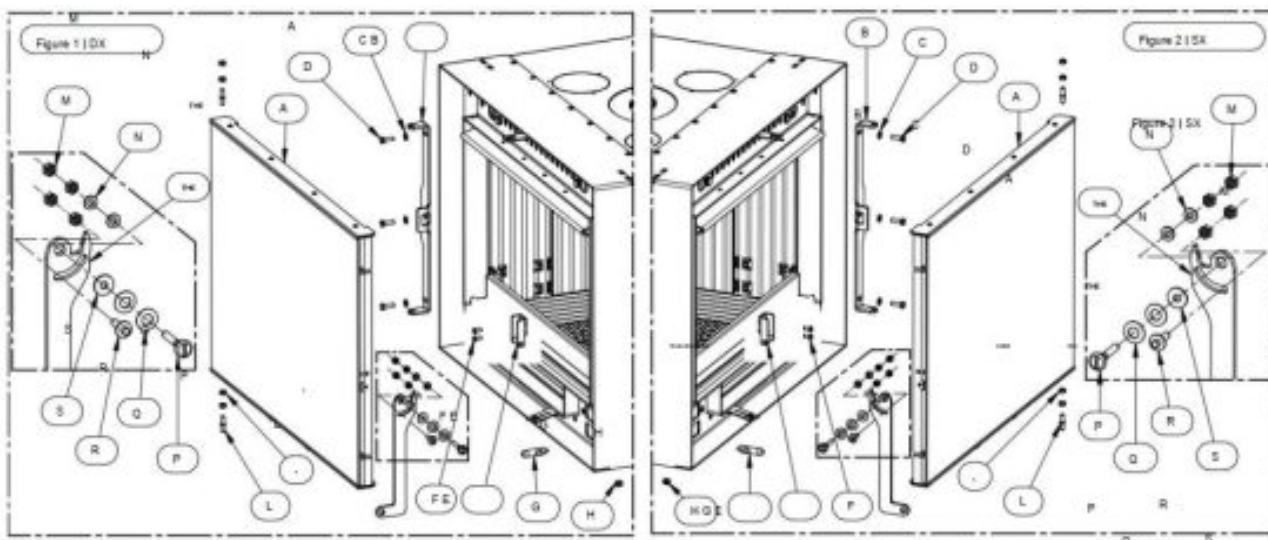


CAUTION: The ventilation lever becomes very hot during operation and must therefore not be touched. It may only be operated with the corresponding poker included in delivery.

4.9 REVERSING THE OPENING DIRECTION OF THE FIREBOX DOOR

The opening direction of the door can be reversed using the following procedure

- 1) Pull off the door and remove the pins (L) and nuts (I), see Figure 1.
- 2) Remove the hinge (B) by removing the screws (D) and washers (C), see Figure 1.
- 3) Remove the hook (E) by loosening the screws (F), see Figure 1.
- 4) Remove the handle (O) by removing the screw (P), the washers (Q, S and N) and the nuts (M), see Figure 1.
- 5) Remove pin (G) by loosening nut (H), see Figure 1.
- 6) Reassemble all parts on the opposite side, see Figure 2.



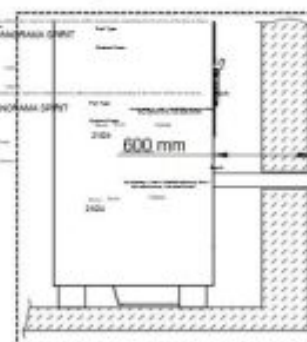
LEGEND	LEGEND
Figure 1 (DX)	Figure 2 (RIGHT)
Figure 2 (SX)	Figure 2 (LEFT)

4.10 SUBSCRIPTION OF COMBUSTION AIR FROM OUTSIDE

The device is equipped with an inlet for the water taken directly from outside the building. Combustion air. The air inlet of the device must be connected to the Connect pipes that must be resistant to high temperatures to the air outside the building. The pipe length must not exceed 600 mm.



ATTENTION: The suction guide must be protected with a grid and must never become blocked. The protective grid must be checked and cleaned monthly. In addition, there is an obligation to install a suitable wind deflector at the end of the guide.



5 – USE OF THE DEVICE

The appliance, particularly the combustion chamber door, becomes hot during use: be careful not to touch any surface. Your appliance has been given the EC marking. The product must not be used by children, people with reduced mental or physical abilities and people who are not informed about the use and maintenance of the product (the instructions are contained in this installation, use and maintenance manual). During the heating and cooling phases, the appliance expands or contracts due to heat, which may cause slight noises. This is a normal process and in no way represents a defect in the product.

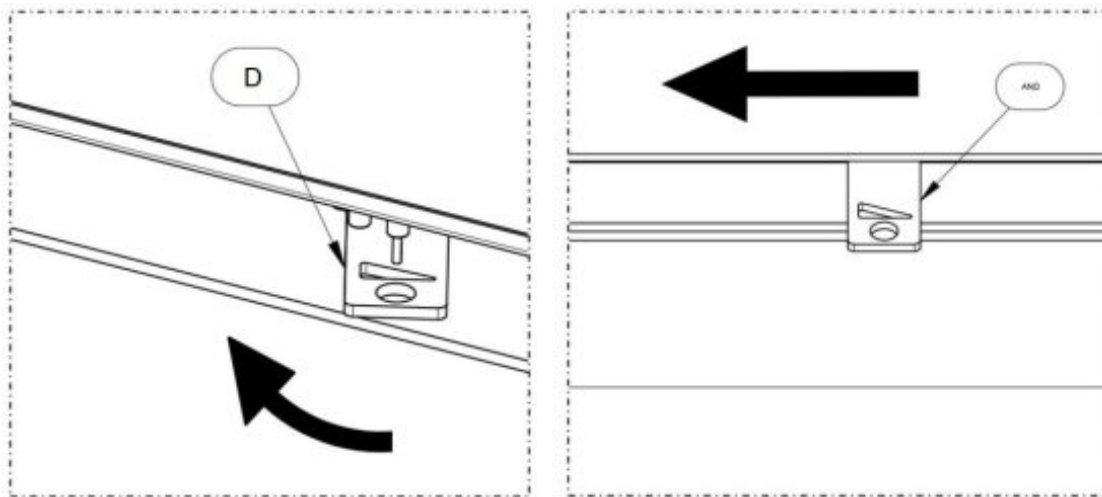
WARNING: The door must remain completely closed during operation. During operation, the smoke pipes can reach high temperatures. Be careful, do not touch them. It is strictly forbidden to use liquid or gaseous fuel to light the appliance. Do not place any non-heat-resistant, flammable or combustible objects near the appliance: they must remain at a reasonable distance from the stove.

Do not use the product as a drying rack for clothes. Drying racks must be kept at a reasonable distance from the oven. When the product is first switched on, the varnish will dry, so it is normal for a slight odor to be present. It is recommended to ventilate the room until it is completely dry.

5.1 TURN ON

The following procedure applies to firing up the device:

1. Fully open the primary air by moving the lever (D) all the way to the left (see figure below).
2. Fully open the secondary air by moving the lever (E) all the way to the left (see figure below).



ATTENTION: BEFORE LIGHTING THE FIRE, ALWAYS ENSURE THAT THE FIREBOX GRATE IS FREE OF ASH AND COMBUSTION RESIDUES.

3. Open the firebox door and add small wooden strips, which can then be lit using paper or other commercially available ignition materials (see illustration below).

THE USE OF LIQUID OR GASEOUS SUBSTANCES SUCH AS ALCOHOL, PETROL OR SIMILAR TO LIGHT OR RELIGHT THE FIRE IS PROHIBITED.



4. The oven must not be left unattended until it is fully lit (which takes about 30 minutes) and when there are numerous embers present.

5. After the ignition phase is complete, close the combustion chamber door.

ATTENTION: THE COMBUSTION CHAMBER DOOR MUST ONLY BE OPENED FOR LIGHTING THE FIRE, ADD FIREWOOD AND REMOVE RESIDUES. DURING NORMAL OPERATION THE COMBUSTION CHAMBER DOOR MUST REMAIN FIRMLY CLOSED.

ATTENTION: THE FIREBOX DOOR REACHES A VERY HIGH TEMPERATURE DURING OPERATION.

THEREFORE, BE CAREFUL NOT TO TOUCH IT. IT MUST ONLY BE USED WITH THE CORRESPONDING POKER INCLUDED IN THE DELIVERY.

5.2 REFILLING FUEL

It is an intermittent combustion appliance that must be fed by adding wood. When there is embers in the combustion chamber, i.e. when combustion is in full swing, the first filling is carried out as follows:

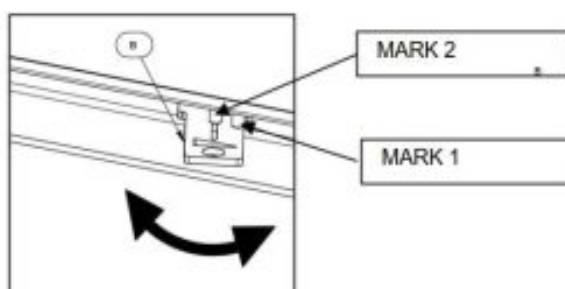
1) Open the firebox door slowly to avoid the escape of smoke. Then extinguish the embers with the appropriate Distribute pokers.

Please note: It is forbidden to light the fire or add fuel when the fire bed is thicker than 3 cm, as this would prevent the appliance from being used correctly.

2) Place one or two logs parallel to each other as shown in the figures below. Their weight must not exceed the value shown in the table below. They must be placed in the middle of the grate of the combustion chamber.

3) Slowly close the firebox door using the poker provided.

4) Adjust the primary and secondary air levers according to the table below:



Maximal fuel charge (kg)	Anz. logs	Model	OPENING PRIMARY AIR	OPENING SECONDARY AIR
2,15	2	SKYLINE 490 8	marker 1	Fully open
2,55	2	SKYLINE 490 9	marker 2	Fully open
1,56	2	SKYLINE 540 6 – PANORAMA 6 – MOONLIGHT 6 – TRILOGY 6	marker 1	Complete open
2,07	2	SKYLINE 540 8 – PANORAMA 8 – MOONLIGHT 8 – TRILOGY 8	marker 1	Fully open
2,66	2	SKYLINE 540 10 – PANORAMA 10 – MOONLIGHT 10 – TRILOGY 10	marker 2	Fully open
2,84	2	SKYLINE 540 11 – PANORAMA 11 – MOONLIGHT 11 – TRILOGY 11	marker 2	Fully open

5) To rekindle the fire, clear the air flow openings of ash. This improves combustion. Add more wood only when the previous wood has burned up or turned to embers. Slowly open the fire door of the firebox and place the logs in an orderly manner on the bed of embers.

Finally, close the door slowly.



5.3 RULES FOR SATISFACTION

The maximum consumption specified must be observed. The stove must not be overloaded by using too much fuel, as this could result in damage.

THERE MUST BE NO LESS THAN 1 HOUR BETWEEN TWO FIREWOOD TASKS

ADDITION OF HIGHER FUEL AMOUNTS OR MORE FUEL LOADS IN ONE HOUR EXPOSES THE APPLIANCE TO VERY HIGH TEMPERATURES.

FOR THIS REASON, THE WARRANTY WILL NOT COVER ANY DAMAGE RESULTING FROM EXPOSURE TO SUCH HIGH TEMPERATURES FOR A PROLONGED PERIOD OF TIME.

THE WOOD MUST NOT BE THROWN INTO THE COMBUSTION CHAMBER, BUT MUST BE PLACED SLOWLY. IF THE WOOD IS THROWN, PARTS MAY BE DAMAGED, WHICH IN THIS CASE IS NOT COVERED BY THE WARRANTY.

- The device must not be used for waste incineration. The use of liquid and gaseous fuels is prohibited.
- Strictly follow the operating instructions in this manual.
- Always check that the fuel introduced into the combustion chamber ignites as intended. Always make sure that to avoid the build-up of unburned gases. Larger quantities of such built-up gases can develop a pressure that overcomes the mechanical resistance of the glass and the oven components. In this case, no liability is accepted.
- In adverse weather conditions such as low pressure, windy or rainy weather, as well as in high outside temperatures, the draught may decrease or a reverse draught may occur in the chimney. In these cases, the exhaust gases cannot be completely extracted. In this case, the primary air supply must be increased. In addition, smaller quantities and smaller pieces of fuel must be added to get the draught in the smoke channel going again. If you smell smoke in the room or notice that the smoke gases are accumulating in the combustion chamber, you must not use the appliance.

6 – CLEANING AND MAINTENANCE

6.1 PRELIMINARY REMARKS

To ensure that the device always works properly and is at its best, the steps described below must be carried out. It is recommended that you follow the prescribed schedule.

If the product is not used for a long time, it is mandatory to check that the smoke duct and the entire chimney are free before using it again. The following instructions must be followed precisely: Failure to do so could cause serious damage to the product, the system, property and the users of the device.

Warning: Do not allow the device to get wet or touch it with wet hands. Do not vacuum up hot ash: this could damage the vacuum cleaner used. All cleaning operations described in this manual must be carried out when the device is cold.

The operator must clean the appliance himself or have it cleaned by an authorized service center at regular intervals, as described in this manual. It is also advisable to have the functional status of the smoke duct checked annually.

6.2 CLEANING AND MAINTENANCE

EVERY TIME YOU ADD FUEL:

Allow the ash to fall through the holes in the grate. The combustion chamber grate must be carefully cleaned by allowing the ash to fall through its openings; air must always be able to flow freely through the grate of the combustion chamber.

Use the poker included in delivery for support.

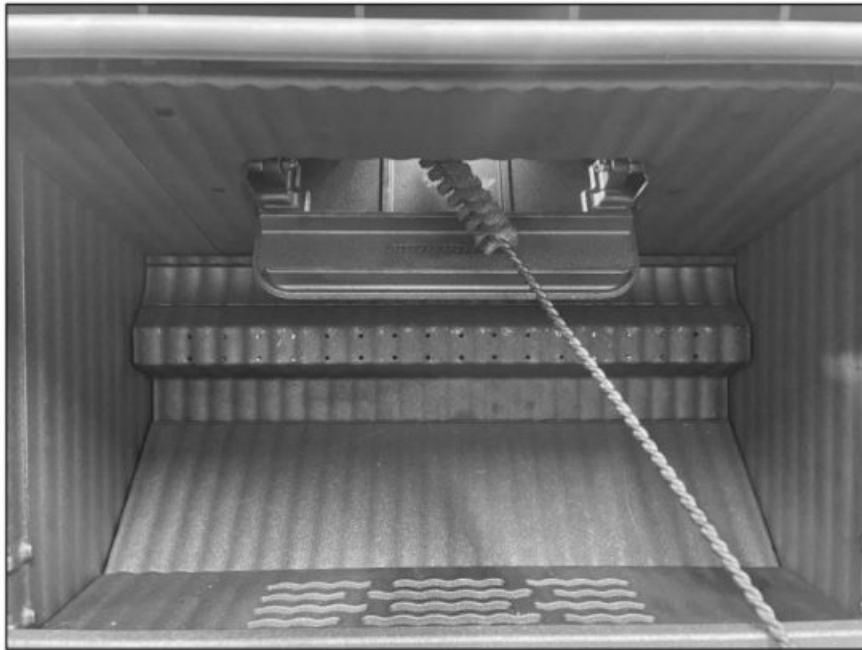
EVERY TWO DAYS or WHEN NEEDED:

- Empty the ash pan. It is recommended to empty the pan regularly and avoid letting it become completely full. Vacuum the combustion chamber with an ash vacuum.



EVERY 6 MONTHS:

Activate the Smoke By-Pass device and clean the smoke duct with a cleaning brush as shown in the photo below:



– Clean the smoke circulation thoroughly with an ash vacuum cleaner.

AT LEAST ONCE A YEAR:

- The smoke channel must be cleaned. If there are horizontal sections, ash and soot deposits must be identified and removed before they block the flue.

6.3 CLEANING THE GLASS

The glass panel may only be cleaned when the device has cooled down, using dry, non-abrasive cloths and gentle cleaning agents.

7 – FLUE GAS DUCT

7.1 PRELIMINARY REMARKS



Due to the numerous accidents that occur due to the poor condition of smoke exhaust systems in private homes, we have included the following section to help the installer in his task of checking all the elements designed to eliminate combustion gases.



The smoke extractor must be designed in accordance with UNI7129, UNI 10683 standards. The guidelines of the standard must be observed. In particular, the extractor must comply with fire safety regulations.

The following instructions must be followed precisely: failure to comply with them may cause serious damage to the product, the system, property and the users of the device.

7.2 VENTILATION OF THE ROOMS

CAUTION: If induced draft fans or other equipment are operated in the same room as the product, problems with the operation of the product may occur.

CAUTION: Neither the ventilation openings nor the air inlets of the device must be closed.

It is essential that the room in which the appliance is installed has a sufficient amount of air to ensure the supply of

combustion air to the heat generator and ventilation of the room. The natural air supply must be provided directly through permanent openings in the external walls or through individual or shared ventilation ducts.

The ventilation air must be taken away from sources of pollution.

The wall openings must meet the following requirements:

- they must have a free flow cross-section of at least 6cm² per kW of installed heat load, the minimum cross-section is 100cm²;
- they must be designed in such a way that the opening entrances, both inside and outside the wall, cannot be blocked;
- they must be protected by grilles or similar systems without reducing the open cross-section;
- they must be located close to the floor in a place where they do not interfere with the correct operation of the devices responsible for the evacuation of combustion products. I
- the openings cannot be located in such a place, the open ventilation cross-section must be increased by at least 50%.

The previous chapter should not be understood as replacing standards UNI 7129, UNI 10683 and EN13240. The professional installer must in any case be in possession of the above standards in their most recent version.

7.3 SMOKE EXHAUST



The smoke duct, smoke outlet, chimney and flue (defined as the system for the evacuation of combustion products) are part of the heating system and must comply with the legal provisions (DM 37/08 - former Law 46/90) and the specific installation regulations for the fuel used. Fireplaces, stoves and grills must not be installed in rooms where there are functioning type A and B gas appliances (for classification see UNI 10642 and UNI 7129). The connection between the appliance requiring air supply and the smoke outlet must only receive flue gas from a heat generator.

The installer must provide one or more access points to the smoke duct to check emissions after the appliance has been installed. These access points must be designed to be able to be closed tightly to prevent the escape of exhaust gases.

It is recommended to insulate the smoke extractor and to dimension it optimally so that the formation of condensation is excluded.

7.3.1 CHIMNEY TYPES

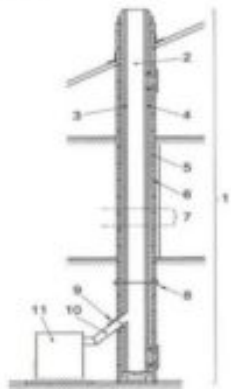
The following definitions apply to the construction of the chimneys:

- System: chimney with a combination of coordinated components (inner pipe, insulation, outer casing, etc.) manufactured or specified by a single manufacturer and CE certified in accordance with the relevant standard;
- Composite chimney: Chimney installed or built on site from a combination of coordinated components such as inner pipe (wall in direct contact with the flue gases), possible insulation and outer casing (wall), which can be supplied by different manufacturers or from a single source.
- Intubation: A specific smoke duct made of non-combustible material is inserted into an existing duct (even if it is of recent construction), which is free and used exclusively for this function.

7.3.2 COMPONENTS OF SMOKE CHANNEL / SMOKE GAS SYSTEM

Components and minor elements of a fireplace

- 1 Fireplace
- 2 outflow path
- 3 smoke duct
- 4 Thermal insulation
- 5 exterior wall
- 6 Coat or covering
- 7 fireplace elements
- 8 Multi-walled fireplace
- 9 Connecting piece of the fireplace
- 10 smoke channel
- 11 heat generator



Each chimney must consist of at least the components specified by the UNI EN 1443 standard, which are also shown in the figure opposite.



ATTENTION: In any case, it is forbidden to discharge smoke through the wall, i.e. through the facade of the building wall without a chimney / smoke extractor / smoke duct, through which the combustion products are led to the roof.

7.3.3 CHECKS BEFORE INSTALLING THE DEVICE

The customer operating the stove must have a "Certificate of Conformity of the Smoke Channel" (Ministerial Decree No. 37 of January 22, 2008).

The smoke channel must be constructed in accordance with UNI 10683.

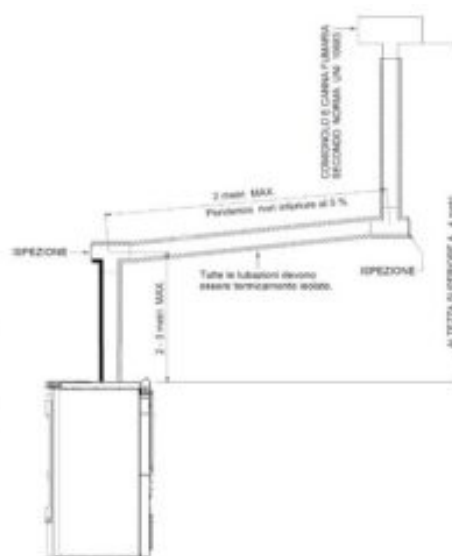
The smoke extractor shown in the adjacent figure is the best solution required to ensure the evacuation of smoke gases.

If the flue gases are to be discharged over the roof, a T-piece with an inspection cap, connecting brackets adapted to the height of the exhaust pipe, a chimney guard that runs through the roof and a smoke channel as weather protection are required.

For a traditional brick chimney, a T-piece with inspection cap and appropriate support brackets are required. If the smoke channel is too large, it must be retrofitted by inserting a pipe made of porcelain-enamelled steel or stainless steel of the appropriate diameter.

The smoke outlet must be properly sealed at its inlet and outlet to the brickwork. It is strictly forbidden to attach a net to the end of the exhaust pipe, as this could affect the operation of the appliance.

If the flue gas duct is permanently installed, it is advisable to install inspection openings so that it can be cleaned inside - especially in the horizontal sections.



LEGEND	LEGEND
CHIMNEY AND SMOKE DUCT ACCORDING TO STANDARD UNI 10683	CHIMNEY AND SMOKE DUCT ACCORDING TO STANDARD UNI 10683
2 -3 meters MAX	2 -3 Meter MAX
2 meters MAX	MAX. 2 Meter
Slope not less than 5%	gradient not less than 5%
HEIGHT EXCEEDING 4 m	HEIGHT OVER 4 m
All pipes must be thermally insulated	All pipes must be thermally insulated
INSPECTION	INSPECTION BODY

To do this, follow the diagram. The above is essential to remove ash and unburned components that may accumulate along the flue. The various connectors are with red silicone (which can withstand temperatures up to 350°C).

The duct must be lined with heat-insulating material (rock wool, ceramic fibers). Alternatively, pre-insulated pipes can be used.

THE SMOKE EXHAUST MUST ONLY BE USED BY THE APPLIANCE.

All sections of the flue gas duct must be inspectable and removable for internal cleaning.

ATTENTION: If the flue is not sufficiently insulated or is too long, condensation may form. It is recommended that a condensate drain be installed near the smoke outlet on the appliance. The appliance must only be connected to a single flue system that serves only this appliance.

If the heat generator is connected to a smoke duct system that does not comply with standards, there is a possibility that the device will quickly become damaged due to constant overheating: in this case, the defective components are not covered by the warranty.

IN THE EVENT OF A CHIMNEY FIRE, WE RECOMMEND THAT YOU IMMEDIATELY CLOSE THE PRIMARY AND SECONDARY AIR LEVERS AND CALL THE

8 – FAULT, CAUSES AND REMEDY

DISTURBANCE	CAUSES	REMEDY
Difficulty with firing.	The rust is blocked.	Clean rust.
	Firewood too wet or too thick.	Use firewood that is smaller in size and has been aged for longer.
	Too weak draft.	Clean the ash pan. Clean the smoke duct and the smoke channel carefully. Check the smoke extractor: • Narrow spots in the chimney? • too many curves • poor thermal insulation? • cross-section too small?
Smoke in the area. Difficulty keeping the fire burning. Difficulties with heating. The flame does not react to a change in draft.	Too weak draft.	Clean the ash pan and all inspection boxes. Clean the smoke duct carefully. Clean the flue (or have it cleaned). Check smoke extractor: • Narrow spots in the chimney? • too many curves • poor thermal insulation? • cross-section too small?

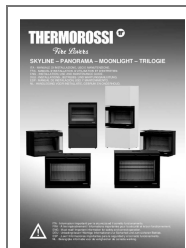
Deflagrations during operation.	Lack of air in the environment.	A suitable opening for air supply create.
	Firewood too wet or too thick.	Use firewood that is smaller in size and has been aged for longer.
The fuel burns too quickly, uncontrolled combustion.	Too much draft.	Reduce the draft through the smoke channel with an appropriate device (e.g. draft regulator)
Breakage of parts in the combustion chamber.	Higher wood consumption than specified in this manual. Improper use of the device. No or inadequate cleaning of the device.	Please contact a service center to have the device repaired at your expense. Then use the device in accordance with all instructions and as described in this manual.

IF THE PROPOSED CORRECTIVE MEASURES DO NOT RESOLVE THE PROBLEM, WE RECOMMEND THAT YOU CONTACT A PROFESSIONAL SERVICE CENTRE.

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SKYLINE 490 8, SKYLINE 490 9, SKYLINE Wood Log Insert, SKYLINE, Wood Log Insert, Log Insert, Insert

References

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