# barbas.

# User manual

BOX 20 75



Serial number: Production date:

#### © Barbas Bellfires BV

This document or parts thereof may not be reproduced, stored in a retrieval system, or transmitted, in any form or by any means, electronic, mechanical, photocopying, recording, nor otherwise, without the prior written permission of Barbas Bellfires BV. This document could contain technical inaccuracies or typographical errors. Barbas Bellfires BV reserves the right to revise this document from time to time in the contents thereof.

#### **Contact information**

Barbas Bellfires BV Hallenstraat 17, 5531 AB Bladel, The Netherlands Phone: +31 49 733 9200 E-mail: info@barbas.com

## Contents

1	Declaration of Performance.		
	1.1	BOX 20 75 with wood log storage module	
2	Abo	out this document	6
	2.1	How to work with this document	6
	2.2	Warnings and cautions used in this document	6
	2.3	Related documentation	6
3	De	scription	7
	3.1	Overview of the BOX 20 75	
	3.2	Overview of the BOX 20 75 with wood log storage module	
	3.3	Intended use	
4	Sat	fety	
-	4.1	Safety instructions for operation	
	4.2	Safety instructions with regard to the environment	
5	Fue	el	15
U	5.1	Fuel types	
	5.2	Fuel amount	
6	Op	eration	
Ŭ	6.1	Preparation before first use	
	6.2	First use of the appliance	
	6.3	Firing the appliance	
		6.3.1 First load and ignition	
		6.3.2 Reload with fuel	
		6.3.3 Control the burn process	21
		6.3.4 Increase the flue draught	
		6.3.5 General firing tips	23
7	Ма	intenance	24
	7.1	Maintenance schedule	24
	7.2	Remove the ashes	
	7.3	Clean the glass	24
8	Tro	oubleshooting	25
9	Teo	chnical data	27
40	\A/-		00
10	vva	arranty Terms	

1 Declaration of Performance

1.1 BOX 20 75

# barbas bellfires.

#### Declaration of Performance

According to regulation (EU) 305/2011

#### No. 1.814.081-3 - CPR-2013/07/01

1.		
	Unique identification code of the product-type	BOX 20 75
2.	Intended use or uses of the construction product, in	Room heater without hot water supply
	accordance with the applicable harmonised technical specification, as foreseen by the manufacturer	
3.	Name, registered trade name or registered trade mark	Barbas Bellfires BV; Hallenstraat 17; 5531 AB Bladel; The Netherlands
	and contact address of the manufacturer as required pursuant to Article 11(5)	
4.	Where applicable, name and contact address of the authorised representative whose mandate covers the	Not applicable
	tasks specified in Article 12(2)	
5.	System or systems of assessment and verification of	System 3
	constancy of performance of the construction product as set out in Annex V	
6.	In case of the declaration of performance concerning a	The notified laboratory SGS Nederland BV, No. 0608 performed the
	construction product covered by a harmonised standard	determination of the product type on the basis of type testing under system and issued test report EZKA/2016-07/00008-1 & EZKA-2020-11-030-1
7.	Declared performance	
	nized technical specification	EN13240:2001/A2:2004/AC:2007
	al characteristics	Performance
Fire sa		Pass
Distan	e to combustible materials	Minimum distances, in mm
		Rear = 300
		Sides = 300
		Ceiling = -
		Front = 1800
Diel	huming fuel felling out	Floor = 30
	burning fuel falling out	Pass CO = 0.06 vol%
	on of combustion products e temperature	CO = 0.06 V01% Pass
	cal safety	
Cleana		Pass Pass
	e of dangerous substances	NPD
	um operating pressure	Not applicable
	s temperature at nominal heat output	T = 330 °C
-	nical resistance (to carry a chimney/flue)	NPD
Therm	al output	Pass
	al heat output	13 kW
Room	neating output	13 kW
	heating output	- kW
Energy	efficiency	75 %
8.		in conformity with the declared performance in point 7. e responsibility of the manufacturer identified in point 3.
Signed	for and on behalf of the manufacturer by:	
Danny	for and on behalf of the manufacturer by: Baijens, CEO and function)	

# barbas.

## 1.2 BOX 20 75 with wood log storage module

standard     and issued test report EZKA/2016-07/00008-1 & EZKA-2020-11-030-1       7.     Declared performance       Harmonized technical specification     EN13240:2001/A2:2004/AC:2007       Essential characteristics     Performance       Fire safety     Pass       Distance to combustible materials     Minimum distances, in mm       Rear =     300       Sides =     300       Celling =     -       Front =     1800       Floor =     -       Front =     1800       Floor =     -       Front =     1800       Floor =     -       Surface temperature     Pass       Cleanability     Pass       Release of dangerous substances     NPD       Maximum operating pressure     Not applicable       Flue gas temperature at nominal heat output     T = 330 °C       Maximum operating pressure     Not applicable       Flue gas temperature at nominal heat output     T = 330 °C       Mechanical resi	A. Unique identification code of the product-type       BOX 20 75 with wood log storage module         1. Unique identification code of the product-type       BOX 20 75 with wood log storage module         2. Initended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as forescene by the manufacturer as required pursuant to Article 11(5)       Boom heater without hot water supply         3. Name, registered trade name or registered trade mark and contact address of the anufacturer as required pursuant to Article 11(5)       Boom heater without hot water supply         4. Where applicable, name and contact address of the authorised representative whose mandate covers the tasks specified in Article 12(2)       Not applicable         5. System or systems of assessment and verification of construction product as even out in Annex V       Not applicable         6. In case of the deciration of performance concerning a tand to reproduct toyee on the basis of type testing under system and sould test report EXA/QUE NO MOORD 1 & EXA-2020 1: 0.00-1         7. Declared performance       Thuramonized testing specification         Free reformance       Huranonized testing specification         Rear Performance       Not applicable         Distance to combustible materials       Minimum distances, in mm Mean         Rear Performance       Pass         Extend durant fuel falling out       Pass         Foot a       1800         Foot a       1800 </th <th>A. D. 1.814.082-3 - CPR-2013(D7/D1         1. Unique identification code of the product-type       BOX 20 7s with wood log storage module         1. Unique identification code of the product-type       BOX 20 7s with wood log storage module         1. Intended use or uses of the construction product, in accordance with the applicable harmonised technical operation to Article 11(5)       Room heater without hot water supply         1. Name, registered trade name or registered trade mark and contact address of the manufacturer as required pursuant to Article 11(5)       Not applicable         1. Where applicable, name and contact address of the authorised representative whose manufact covers the tasks specified in Article 21(2)       Not applicable         2. System or systems of assessment and verification of constancy of performance of the construction product as et out in Annex V       System 3         3. In case of the declaration of performance the construction product standing beneficiation       System 3         3. Nearmonized technical specification       Performance of the product type on the basis of type testing under system 3 and issued test report EXA/D216 07/00008 1 &amp; EXA/D201 1030-1         7. Beclared performance       Performance in the second standing specification       Performance in the second standing specification         7. Beclared performance       Pass       Stora = 300       Stora = 300       Stora = 300         Stora = 1       Pass       Stora = 300       Store = 300       Stora = 300       Stora = 300<th>A. Druge identification code of the product-type       BOX 20 75 with wood log storage module         1. Include identification code of the product-type       BOX 20 75 with wood log storage module         1. Include identification code of the product-type       Box 20 75 with wood log storage module         1. Include identification code of the product-type       Box 20 75 with wood log storage module         1. Include identification code of the product-type       Box 20 75 with wood log storage module         1. Include identification code of the product-type       Box 20 75 with wood log storage module         1. Include identification code of the manufacturer as required pursuant to Article 11(5)       Not applicable         1. In case of the declaration of performance concerning at standard       Not applicable         1. In case of the declaration of performance concerning at standard       The notified laboratory SGS Nederland BV, No. 0608 performed the determination of the product type on the basis of type testing under system at standard         1. Declared performance       Performance         Particular testification       Performance test report EXAUDIE 07/00008-1 &amp; EZAL-2020-11/030-1         1. Declared performance       Performance         Post of the fulling out       Performance for a store of the product tower by a harmonised         Busine to combustible materials       Performance for a store of the product tower by the store of the product tower by the store of the product tower by the store of the produc</th><th>Declara</th><th>tion of Performance</th></th>	A. D. 1.814.082-3 - CPR-2013(D7/D1         1. Unique identification code of the product-type       BOX 20 7s with wood log storage module         1. Unique identification code of the product-type       BOX 20 7s with wood log storage module         1. Intended use or uses of the construction product, in accordance with the applicable harmonised technical operation to Article 11(5)       Room heater without hot water supply         1. Name, registered trade name or registered trade mark and contact address of the manufacturer as required pursuant to Article 11(5)       Not applicable         1. Where applicable, name and contact address of the authorised representative whose manufact covers the tasks specified in Article 21(2)       Not applicable         2. System or systems of assessment and verification of constancy of performance of the construction product as et out in Annex V       System 3         3. In case of the declaration of performance the construction product standing beneficiation       System 3         3. Nearmonized technical specification       Performance of the product type on the basis of type testing under system 3 and issued test report EXA/D216 07/00008 1 & EXA/D201 1030-1         7. Beclared performance       Performance in the second standing specification       Performance in the second standing specification         7. Beclared performance       Pass       Stora = 300       Stora = 300       Stora = 300         Stora = 1       Pass       Stora = 300       Store = 300       Stora = 300       Stora = 300 <th>A. Druge identification code of the product-type       BOX 20 75 with wood log storage module         1. Include identification code of the product-type       BOX 20 75 with wood log storage module         1. Include identification code of the product-type       Box 20 75 with wood log storage module         1. Include identification code of the product-type       Box 20 75 with wood log storage module         1. Include identification code of the product-type       Box 20 75 with wood log storage module         1. Include identification code of the product-type       Box 20 75 with wood log storage module         1. Include identification code of the manufacturer as required pursuant to Article 11(5)       Not applicable         1. In case of the declaration of performance concerning at standard       Not applicable         1. In case of the declaration of performance concerning at standard       The notified laboratory SGS Nederland BV, No. 0608 performed the determination of the product type on the basis of type testing under system at standard         1. Declared performance       Performance         Particular testification       Performance test report EXAUDIE 07/00008-1 &amp; EZAL-2020-11/030-1         1. Declared performance       Performance         Post of the fulling out       Performance for a store of the product tower by a harmonised         Busine to combustible materials       Performance for a store of the product tower by the store of the product tower by the store of the product tower by the store of the produc</th> <th>Declara</th> <th>tion of Performance</th>	A. Druge identification code of the product-type       BOX 20 75 with wood log storage module         1. Include identification code of the product-type       BOX 20 75 with wood log storage module         1. Include identification code of the product-type       Box 20 75 with wood log storage module         1. Include identification code of the product-type       Box 20 75 with wood log storage module         1. Include identification code of the product-type       Box 20 75 with wood log storage module         1. Include identification code of the product-type       Box 20 75 with wood log storage module         1. Include identification code of the manufacturer as required pursuant to Article 11(5)       Not applicable         1. In case of the declaration of performance concerning at standard       Not applicable         1. In case of the declaration of performance concerning at standard       The notified laboratory SGS Nederland BV, No. 0608 performed the determination of the product type on the basis of type testing under system at standard         1. Declared performance       Performance         Particular testification       Performance test report EXAUDIE 07/00008-1 & EZAL-2020-11/030-1         1. Declared performance       Performance         Post of the fulling out       Performance for a store of the product tower by a harmonised         Busine to combustible materials       Performance for a store of the product tower by the store of the product tower by the store of the product tower by the store of the produc	Declara	tion of Performance
1.         Unique identification code of the product-type         BOX 20 75 with wood log storage module           2.         Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer         Room heater without hot water supply           3.         Name, registered trade name or registered trade mark and contact address of the manufacturer as required pursuant to Article 11(5)         Not applicable           4.         Where applicable, name and contact address of the authorised representative whose mandate covers the task specified in Article 12(2)         Not applicable           5.         System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V         The notified laboratory SGS Nederland BV, No. 0008 performed the determination of the product type on the basis of type testing under system and issued test report EZKA/2016-07/0008-1 & EZKA-2020-11-030-1           7.         Declared performance         Performance           Insumoid Education product system         300         Sides =           Sides =         300         Celling =         -           Front =         1800         Front =         1800	1.         Unique identification code of the product-type         BOX 20 75 with wood log storage module           2.         Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer         Room heater without hot water supply           3.         Name, registered trade name or registered trade mark and contact address of the manufacturer as required pursuant to Article 11(5)         Not applicable           4.         Where applicable, name and contact address of the authorised representative whose mandate covers the task specified in Article 21(2)         Not applicable           5.         System of assessment and verification of constancy of performance oncerning a time notified laboratory SGS Nederland BV, No. 0608 performed the determination of the product type on the basis of type festing under system and issued test report EZKA/2016-07/0008-1 & EZKA-2020-11-030-1           7.         Declared performance         Performance           #momined technical specification         EN13240.2001/AZ:2004/AC:2007           Essential characteristics         Performance           Pais         Soldes =         300           Sides =         300           Cell and performance         Pais           Pais         Pais           Pais         Pais           Bottone to combustible materials         Minimum distances, in mm           Rear =         300 <th>1.       Unique identification code of the product-type       BOX 20.75 with wood log storage module         2.       Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer       Room heater without hot water supply         3.       Name, registered trade name or registered trade mark and contact address of the manufacturer as required pursuant to Article 11(5)       Room heater without hot water supply         4.       Where applicable, name and contact address of the authorised representative whose mandate covers the traks specified in Article 12(7)       Not applicable         5.       System or systems of assessment and verification of constancy of performance other construction product as set out in Annex V       System 3         6.       In case of the declaration of performance concerning a threamonized technical specification       The notified laboratory SGS Nederland BV, No. 0608 performed the decomposition of the product type on the basis of type testing under system 3 and issued test report EZKA/2016-07/0008-1 &amp; EZKA-2020-11-030-1         7.       Declared performance       Performance         Performance       Performance       Sol Sides = 3000         Celling = -       -       -         Front = 1800       Reor = -       -         Reise of combustible materials       Minimum distances, in mm       Reor = -         Rest of combustible products       CD = 0.06 kV/M       -</th> <th>1.       Unique identification code of the product-type       BOX 20 75 with wood log storage module         2.       Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer       Room heater without hot water supply         3.       Name, registered trade name or registered trade mark pursuant to Article 11(5)       Room heater without hot water supply         4.       Where applicable, name and contact address of the tasks specified in Article 12(2)       Not applicable         5.       System or systems of assessment and verification of constanct of the construction product as set out in Annex V       Not applicable         6.       In case of the declaration of performance concerning a The notified laboratory SGS Nederland BV, No. 0608 performed the determination of the product type on the basis of type testing under system and issued test report EZKA/2016-07/00000 ± &amp; EZKA-2020-11-030-1         7.       Declared performance       FM132402001/A2:2001/AC:2007         Fire safety       Pass         Distance to combustible materials       Minimum distances, in mm         Rear =       300         Side of dangerous substances       NPD         Mainum operature       Pass         Distance to combustion products       CO = 0.06 vol%.         Single of dangerous substances       NPD         Misk of burning fuel failing out       Pass</th> <th>•</th> <th></th>	1.       Unique identification code of the product-type       BOX 20.75 with wood log storage module         2.       Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer       Room heater without hot water supply         3.       Name, registered trade name or registered trade mark and contact address of the manufacturer as required pursuant to Article 11(5)       Room heater without hot water supply         4.       Where applicable, name and contact address of the authorised representative whose mandate covers the traks specified in Article 12(7)       Not applicable         5.       System or systems of assessment and verification of constancy of performance other construction product as set out in Annex V       System 3         6.       In case of the declaration of performance concerning a threamonized technical specification       The notified laboratory SGS Nederland BV, No. 0608 performed the decomposition of the product type on the basis of type testing under system 3 and issued test report EZKA/2016-07/0008-1 & EZKA-2020-11-030-1         7.       Declared performance       Performance         Performance       Performance       Sol Sides = 3000         Celling = -       -       -         Front = 1800       Reor = -       -         Reise of combustible materials       Minimum distances, in mm       Reor = -         Rest of combustible products       CD = 0.06 kV/M       -	1.       Unique identification code of the product-type       BOX 20 75 with wood log storage module         2.       Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer       Room heater without hot water supply         3.       Name, registered trade name or registered trade mark pursuant to Article 11(5)       Room heater without hot water supply         4.       Where applicable, name and contact address of the tasks specified in Article 12(2)       Not applicable         5.       System or systems of assessment and verification of constanct of the construction product as set out in Annex V       Not applicable         6.       In case of the declaration of performance concerning a The notified laboratory SGS Nederland BV, No. 0608 performed the determination of the product type on the basis of type testing under system and issued test report EZKA/2016-07/00000 ± & EZKA-2020-11-030-1         7.       Declared performance       FM132402001/A2:2001/AC:2007         Fire safety       Pass         Distance to combustible materials       Minimum distances, in mm         Rear =       300         Side of dangerous substances       NPD         Mainum operature       Pass         Distance to combustion products       CO = 0.06 vol%.         Single of dangerous substances       NPD         Misk of burning fuel failing out       Pass	•	
2.       Intended use or uses of the construction product, in specification, as foreseen by the manufacturer as required pursuant to Article 11(5)       Room heater without hot water supply         3.       Name, registered trade name or registered trade mark pursuant to Article 11(5)       Barbas Bellfires BV, Hallenstraat 17; 5531 AB Bladel; The Netherlands pursuant to Article 11(5)         4.       Where applicable, name and contact address of the authorised representative whose mandate covers the task specified in Article 12(2)       Not applicable         5.       System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V       Not applicable         6.       In case of the declaration of performance concerning a task of the product (over of by a harmonised standard)       The notified laboratory SGS Nederland BV, No. 0608 performed the determination of the product covered by a harmonised standard         7.       Declared performance       NI32402001/A22001/A22004/AC2007         Harmonized technical specification       EN132402001/A22004/AC2007         Exercised performance       Perior         Harmonized technical specification       EN132402001/A22004/AC2007         Exercised performance       Perior         Harmonized technical specification       EN132402001/A22004/AC2007         Exercised advances       Prodomance         Rear =       300         Softer =       1800	2.       Intended use or uses of the construction product, in specification, as foreseen by the manufacturer       Room heater without hot water supply         3.       Name, registered trade name or registered trade mark particular specification, as foreseen by the manufacturer as required pursuant to Article 11(5)       Barbas Bellfires BV, Hallenstraat 17, 5531 AB Bladel; The Netherlands on the state specification of the construction product as the specification of the construction product as specification of performance of the construction product as set out in Annex V         3.       Not applicable, name and contact address of the authorised representative whose mandate covers the task specified in Article 12(2)       System 3         5.       system or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V       The notified laboratory SGS Nederland BV, No. 0608 performed the determination of the product tower of the product tower of the product tower of the set report EZKA/2016-07/0008-1 & EZKA-2020-11-030-1         7.       Declared performance       Performance in the product type on the basis of type testing under system is already and issued test report EZKA/2016-07/0008-1 & EZKA-2020-11-030-1         8.       In case of the declaration of performance concerning a timum distances, in mm         Harmonided teshical specification       PN1340-2001/A22004/AC2007         Exercical system of assess the construction products       CO = 0.06 kol%         Strate temperature       Pass         Bistance to combustilop roducts       CO = 0.06 kol%	2.       Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer as required pursuant to Article 11(5)       Room heater without hot water supply         3.       Name, registered trade name or registered trade mark and contact address of the manufacturer as required pursuant to Article 11(5)       Room heater without hot water supply         4.       Where applicable, name and contact address of the authorised representative whose mandate covers the task specified in Article 12(2)       Not applicable         5.       System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V       Room heater report EZK/2016-07/0008-1 & EZK-2020-11-030-1         6.       In case of the declaration of performance concerning a task of the reduct covered by a harmonised standard       The notified laboratory SGS Nederland BV, No. 0608 performed the determination of the product toper on the basis of type testing under system 3 as to ut in Annex V         7.       Declared performance       Performance or registeristics         Particle standard       System 3       Social Standard         8.       In case of the declaration of performance concerning a task of type testing under system 3       Social specification         9.       Not applicable, name of the construction product social specification       EXI32402001/A:2001/A:2001-A	2. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer       Reom heater without hot water supply         3. Name, registered trade name or registered trade mark and contact address of the manufacturer as required pursuant to Article 11(5)       Barbas Belffires BV; Hallenstraat 17; 5531 AB Bladel; The Netherlands of the subhristed representative whose mandate covers the tasks specified in Article 12(2)         5. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V       System 3         6. In case of the declaration of performance concerning a construction product covered by a harmonized standard       The notified laboratory SGS Nederland BV, No. 6608 performed the determination of the product type on the basis of type testing under system and issued test report EZAV/2016/07/00008-1 & EZAV-2020-11-030-1         7. Declared performance       FM13240-2001/A2-2004/A2-2004/AC-2007         The notified laboratory SGS Nederland BV, No. 6608 performed the determination of the product type on the basis of type testing under system and issued test report EZAV/2016-07/00008-1 & EZAV-2020-11-030-1         7. Declared performance       FM13240-2001/A2-2004/AC-2007         Sesential characteristics       Performance         The safety       Pass         Distance to combustible materials       Minimum distances, in mm         Review addity       Pass         Exercise of dangerous subtances       NPD         Minimum di	No. 1.814.0	082-3 - CPR-2013/07/01
accordance with the applicable harmonised technical specification, as foreseen by the manufacturer         a. Name, registered trade name or registered trade mark and contact address of the manufacturer as required pursuant to Article 11(5)         a. Where applicable, name and contact address of the authorised representative whose manufact covers the tasks specified in Article 12(2)         b. System or systems of assessment and verification of constancy of performance of the construction product covered by a harmonised technical specification of the product type on the basis of type testing under system and to the construction product covered by a harmonised technical specification in Annex V         c. In case of the declaration of performance concernings construction product covered by a harmonised technical specification in Annex V       The notified laboratory SGS Nederland BV, No. 0608 performed the determination of the product type on the basis of type testing under system and state test report EXV/2016-07/0008-1 & EXX-2020 1-030-1         p. Declared performance       Performance <b>Parsonized technical specification</b> Peri3240-2001/A2-2004/AC-2007         Stearle to combustible materials       Minimum distances, in mm         Rear = 300       Celling = 300         Sides = 300       Celling = 1800         Fifte = 1800       Fifte = 1800 <td>accordance with the applicable harmonised technical specification, as foreseen by the manufacturer of a second state address of the manufacturer as required pursuant to Article 11(5)  4. Where applicable, name and contact address of the authorised representative whose manufact covers the tasks specified in Article 12(2)  5. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V  6. In case of the declaration of performance concerning a constancy of performance of the construction product as set out in Annex V  7. Declared performance of the construction product as extra to in Annex V  8. The notified laboratory 5GS Nederland BV, No. 0608 performed the determination of the product type on the basis of type testing under system a distribution product covered by a harmonised test report EXA/2016-07/00008-1 &amp; EZA-2020-11-020-1  7. Declared performance   ***********************************</td> <td>accordance with the applicable harmonised technical specification, as foreseen by the manufacturer of a separation of the product address of the manufacturer as required pursuant to Article 11(5)  4. Where applicable, name and contact address of the authorised representative whose manufacturers as required pursuant to Article 12(2)  5. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V  6. In case of the declaration of performance of the construction product as set out in Annex V  7. Declared performance of the construction product Section 1 (2000)  7. Declared performance of the construction product section 1 (2000)  7. Declared performance Technical Section 1 (2000)  7. Section 1 (2000)  7. Declared performance 1 (2000)  7. Declared per</td> <td>accordance with the applicable harmonised technical specification, as foreseen by the manufacturer       Barbas Bellfires BV; Hallenstraat 17; 5531 AB Bladel; The Netherlands and contact address of the manufacturer as required pursuant to Article 11[5]         4.       Where applicable, name and contact address of the authorised representative whose mandate covers the tasks specified in Article 12[2]       Not applicable         5.       System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V       System 3         6.       In case of the declaration of performance concerning a construction product covered by a harmonised standard       The notified laboratory SGS Nederland BV, No. 0608 performed the determination of the product type on the basis of type testing under system and issued test report EZM/2016-07/00008-1 &amp; EZM-2020-11-030-1         7.       Declared performance       Ferformance Performance Performance Networks         7.       Declared performance       Pass         8.       Ninimum distances, in mm       Rear = 300         Sides = 3000       Celling = -         9.       Foort = 1800         Foort = 1800       Foort = 1800         Foort = 200       Pass         Surface to combustible materials       Not applicable         Maximum operating pressure       Not applicable         Pass       Not applicable         Bread of angreous substances       NPD</td> <td>1. Unique identification code of the product-type</td> <td>BOX 20 75 with wood log storage module</td>	accordance with the applicable harmonised technical specification, as foreseen by the manufacturer of a second state address of the manufacturer as required pursuant to Article 11(5)  4. Where applicable, name and contact address of the authorised representative whose manufact covers the tasks specified in Article 12(2)  5. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V  6. In case of the declaration of performance concerning a constancy of performance of the construction product as set out in Annex V  7. Declared performance of the construction product as extra to in Annex V  8. The notified laboratory 5GS Nederland BV, No. 0608 performed the determination of the product type on the basis of type testing under system a distribution product covered by a harmonised test report EXA/2016-07/00008-1 & EZA-2020-11-020-1  7. Declared performance   ***********************************	accordance with the applicable harmonised technical specification, as foreseen by the manufacturer of a separation of the product address of the manufacturer as required pursuant to Article 11(5)  4. Where applicable, name and contact address of the authorised representative whose manufacturers as required pursuant to Article 12(2)  5. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V  6. In case of the declaration of performance of the construction product as set out in Annex V  7. Declared performance of the construction product Section 1 (2000)  7. Declared performance of the construction product section 1 (2000)  7. Declared performance Technical Section 1 (2000)  7. Section 1 (2000)  7. Declared performance 1 (2000)  7. Declared per	accordance with the applicable harmonised technical specification, as foreseen by the manufacturer       Barbas Bellfires BV; Hallenstraat 17; 5531 AB Bladel; The Netherlands and contact address of the manufacturer as required pursuant to Article 11[5]         4.       Where applicable, name and contact address of the authorised representative whose mandate covers the tasks specified in Article 12[2]       Not applicable         5.       System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V       System 3         6.       In case of the declaration of performance concerning a construction product covered by a harmonised standard       The notified laboratory SGS Nederland BV, No. 0608 performed the determination of the product type on the basis of type testing under system and issued test report EZM/2016-07/00008-1 & EZM-2020-11-030-1         7.       Declared performance       Ferformance Performance Performance Networks         7.       Declared performance       Pass         8.       Ninimum distances, in mm       Rear = 300         Sides = 3000       Celling = -         9.       Foort = 1800         Foort = 1800       Foort = 1800         Foort = 200       Pass         Surface to combustible materials       Not applicable         Maximum operating pressure       Not applicable         Pass       Not applicable         Bread of angreous substances       NPD	1. Unique identification code of the product-type	BOX 20 75 with wood log storage module
and contact address of the manufacturer as required pursuant to Article 11(5)  4. Where applicable, mane and contact address of the authorised representative whose mandate covers the tasks specified in Article 12(2)  5. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V  6. In case of the declaration of performance concerning a tand issued test report EZKA/2016-07/00008-1 & EZKA-2020-11-030-1  7. Declared performance Harmonized technical specification  7. Declared performance Harmonized technical specification  8. The combustible materials  8. Minimum distances, in mm Rear = 300 Ceiling = - Sistance to combustible materials  8. Minimum distances, in mm Rear = 300 Ceiling set = - Emission of conbustion products  9. Pass 19. Constructive Pass 19.	and contact address of the manufacturer as required pursuant to Article 11(5)  4. Where applicable, mane and contact address of the authorised representative whose mandate covers the tasks specified in Article 12(2)  5. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V  6. In case of the declaration of performance concerning a the notified laboratory SGS Nederland BV, No. 0608 performed the construction product covered by a harmonised standard  7. Declared performance  Harmonized technical specification  7. Declared performance  Fise adety  Pass  Fise adety  Pass  Fise adety  Pass  Fise of combustible materials  Minimum distances, in mm Rear = 300 Sides = 300 Ceiling = -, Fint = 1800 Fior = -, Fint = 1800 Fior = -, Fint = 1800 Fior = -, Fiss of combustibule materials  NPD  Maximum operature  Pass  Fise adety  Pass  Fise adety  Pass  Fise adety  Pass  Relaxes of dangerous substances NPD  Maximum distances in product  Pass  Combustion product corry a chimey/flue) NPD  Thermal output  Pass  Relaxes of dangerous substances NPD  Maximum distance in product identified in point 1 is in conformity with the declared performance in point 7. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 3.  Signed for and on behalf of the manufacturer by: Dany Baijens, CEO Nume and function	and contact address of the manufacturer as required pursuant to Article 11(5)  4. Where applicable, name and contact address of the authorised representative whose mandate covers the tasks specified in Article 12(2)  5. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V  6. In case of the declaration of performance concerning at the notified laboratory SGS Nederland BV, No. 6089 performed the determination of the product type on the basis of type testing under system 3 and issued test report EZKA/2016-07/00008-1 & EZKA-2020-11-030-1  7. Declared performance Harmonized technical specification Fersorieux Essential characteristics Ferformance Rear = 300 Sides = 300 Ceiling = - Fass Ensistion of combustible materials Minimum distances, in mm Rear = 300 Sides = 300 Ceiling = - Ensistion of combustibule materials CO = 0.06 vol% Sides = 300 Ceiling as the set of the construction Pass Electrical selecty Pass Electrical selecty Pass Relaxe of dangerous substances NPD Harmal output 13 NW Not applicable NPD Harmal output 13 NW Not applicable Signed for and on behalf of the manufacturer by: Dany Balgiers, CEO NPD	and contract address of the manufacturer as required pursuant to Article 11(5)  4. Where applicable, name and contact address of the authorised representative whose mandate covers the tasks specified in Article 12(2)  5. System or systems of assessment and verification of constanct of performance of the construction product as set out in Annex V  6. In case of the declaration of performance concerning a construction product covered by a harmonised standard  7. Declared performance  1. Declared performance  2. Define performance  2. Define performance  2. Define performance  2. Define performance  3. Define performance	accordance with the applicable harmonised tech	
authorised representative whose mandate covers the tasks specified in Article 12(2)         5.       System or systems of assessment and verification of constance of the construction product as set out in Annex V       System 3         6.       In case of the declaration of performance concerning a construction product tope on the basis of type testing under system and issued test report EZKA/2016-07/00008-1 & EZKA-2020-11-030-1         7.       Declared performance         Harmonized technical specification       EN13240:2001/A2:2004/AC:2007         Essential characteristics       Performance         Fire safety       Pass         Distance to combustible materials       Ninimum distances, in mm         Rear =       300         Ceiling =       -         File safety       Pass         Distance to combustion products       CO = 0.06 vol%         Surface temperature       Pass         Emission of combustion products       CO = 0.06 vol%         Surface temperature at nominal heat output       Pass         Rease of dangerous substances       NPD         Maximum operating pressure       Not applicable         Pike gas temperature at nominal heat output       13 kW         Rease of dangerous substances       NPD         Maximum operating ressure       Not applicable         Pike gas temperature at no	authorised representative whose mandate covers the tasks specified in Article 12(2)         5.       System or systems of assessment and verification of constance of the construction product as set out in Annex V         6.       In case of the declaration of performance concerning a the notified laboratory SGS Nederland BV, No. 0608 performed the determination of the product type on the basis of type testing under system is and issued test report EZKA/2016-07/00008-1 & EZKA-2020-11-030-1         7.       Declared performance         Harmonized technical specification       EN13240-2001/A2-2004/AC-2007         Essential characteristics       Performance         Fire safety       Pass         Distance to combustible materials       Nininium distances, in mm         Rear =       300         Ceiling =       -         -       Pass         Entission of combustion products       CO = 0.06 vol%         Surface temperature       Pass         Entission of combustion products       CO = 0.06 vol%         Surface targerous substances       NPD         Maximum operating pressure       Not applicable         Place as temperature at nominal heat output       T = 330 °C         Mechanical resistance (to carry a chimeny/flue)       NPD         Themal output       Pass         Nominal heat output       13 kW         Noo	authorised representative whose mandate covers the tasks specified in Article 12(2)       Signed for and on behalf of the manufacturer by:         5.       System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V       System or systems of assessment and verification of constancy of performance concerning a the notified laboratory SGS Nederland BV, No. 0608 performed the construction product covered by a harmonised at test report EZKA/2016-07/0008-1 & EZKA-2020-11-030-1         7.       Declared performance         Harmonized technical specification       EN13240-2001/A2-2004/AC-2007         Sestential characteristics       Performance         Harmonized technical specification       EN13240-2001/A2-2004/AC-2007         Sestential characteristics       Performance         Fire safety       Pass         Distance to combustible materials       Minimum distances, in mm         Rear =       300         Ceiling =       -         Front =       1800         Eloor =       -         Risk of burning fuel falling out       Pass         Release of dangerous substances       NPD         Maximu operating pressure       Not applicable         Pice gast temperature       Pass         Release of dangerous substances       NPD         Maximu operating pressure       Not applicable <td>authorised representative whose mandate covers the tasks specified in Article 12(2)         5. System or systems of assessment and verification of construction product as set out in Annex V         6. In case of the declaration of performance of performance concerning a construction product covered by a harmonised standard       The notified laboratory SGS Nederland BV, No. 0608 performed the determination of the product type on the basis of type testing under system and issued test report EXCM/2016-07/00008-1.8 EZCM-2020-11-030-1         7. Declared performance       EN13240:2001/A2:2004/AC:2007         Essential characteristics       Performance         Harmonized technical specification       EN13240:2001/A2:2004/AC:2007         Essential characteristics       Performance         Fire safety       Pass         Distance to combustible materials       Minimum distances, in mm         Rear =       300         Sides =       300         Sides =       300         Sides =       300         Sides =       300         Surface temperature       Pass         Electrical safety       Pass         Ceanability       Pass         Rebase of dangerous substances       NPD         Maximum operating pressure       Not applicable         Retase of dangerous substances       NPD         Theman output       13 kW     &lt;</td> <td>and contact address of the manufacturer as requ</td> <td></td>	authorised representative whose mandate covers the tasks specified in Article 12(2)         5. System or systems of assessment and verification of construction product as set out in Annex V         6. In case of the declaration of performance of performance concerning a construction product covered by a harmonised standard       The notified laboratory SGS Nederland BV, No. 0608 performed the determination of the product type on the basis of type testing under system and issued test report EXCM/2016-07/00008-1.8 EZCM-2020-11-030-1         7. Declared performance       EN13240:2001/A2:2004/AC:2007         Essential characteristics       Performance         Harmonized technical specification       EN13240:2001/A2:2004/AC:2007         Essential characteristics       Performance         Fire safety       Pass         Distance to combustible materials       Minimum distances, in mm         Rear =       300         Sides =       300         Sides =       300         Sides =       300         Sides =       300         Surface temperature       Pass         Electrical safety       Pass         Ceanability       Pass         Rebase of dangerous substances       NPD         Maximum operating pressure       Not applicable         Retase of dangerous substances       NPD         Theman output       13 kW     <	and contact address of the manufacturer as requ	
constancy of performance of the construction product as set out in Annex V         6. in case of the declaration of performance concerning construction product covered by a harmonised standard       The notified laboratory SGS Nederland BV, No. 0608 performed the determination of the product type on the basis of type testing under system and issued test report EZKA/2016-07/00008-1 & EZKA-2020-11-030-1         7. Declared performance       EN13240-2001/A2-2004/AC-2007         Essential characteristics       Performance         Fire safety       Pass         Distance to combustible materials       Minimum distances, in mm Rear = 300 Sides = 300         Risk of burning fuel falling out       Pass         Electrical safety       Pass         Surface temperature       Pass         Electrical safety       Pass         Release of dangerous substances       NPD         Maximum operating pressure       Not applicable         Flue gas temperature at nominal heat output       T = 330 °C         Maximum operating pressure       NPD         Thermal output       Pass         Real couput       13 kW         Water heating output       13 kW         Water heating output       13 kW         Maximum operating pressure       75 %         8. The performance of the product identified in point 1 is in conformity with the declared performance in point 7. This d	constancy of performance of the construction product as set out in Annex V         6. in case of the declaration of performance concerning a standard       The notified laboratory SGS Nederland BV, No. 0608 performed the determination of the product type on the basis of type testing under system and issued test report EZKA/2016-07/0008-1 & EZKA-2020-11-030-1         7. Declared performance       EN13240:2001/A2:2004/AC:2007         Barmonized technical specification       EN13240:2001/A2:2004/AC:2007         Sestial characteristics       Performance         Fire safety       Pass         Distance to combustible materials       Minimum distances, in mm         Rear =       300         Sides =       300         Ceiling =       -         Front =       1000         Filoor =       -         Bission of combustion products       CO = 0.06 vol%         Surface temperature       Pass         Cleanability       Pass         Release of dangerous substances       NPD         Maximum operating pressure       Not applicable         Flue gas temperature at nominal heat output       T = 330 °C         Maximum operating pressure       NPD         Thermal output       13 kW         Muster heating output       13 kW         Muster heating output       13 kW <t< td=""><td>constancy of performance of the construction product as set out in Annex V         6. In case of the declaration of performance concerning a construction product covered by a harmonised standard       The notified laboratory SGS Nederland BV, No. 0608 performed the determination of the product type on the basis of type testing under system 3 and issued test report EZKA/2016-07/00008-1 &amp; EZKA-2020-11-030-1         7. Declared performance       EN13240-2001/A2:2004/AC:2007         Reserved testing appecification       EN13240-2001/A2:2004/AC:2007         Sestential characteristics       Performance         Rear =       300         Science to combustible materials       Minimum distances, in mm         Rear =       300         Science =       -         Front =       1000         Floor =       -         Front =       1000         Floor =       -         Risk of burning fuel falling out       Pass         Canability       Pass         Canability       Pass         Canability       Pass         Canability       Pass         Release of dangerous substances       NPD         Thermal output       T = 330 °C         Mechanical resistance (to carry a chimney/flue)       NPD         Thermal output       13 kW         Mater heating output</td><td>constancy of performance of the construction product as set out in Annex V         6. In case of the declaration of performance concerning a standard       The notified laboratory SGS Nederland BV, No. 0608 performed the determination of the product type on the basis of type testing under system and issued test report EZKA/2016-07/00008-1 &amp; EZKA-2020-11-030-1         7. Declared performance       EN13240:2001/A2:2004/AC:2007         Essential characteristics       Performance         Fire safety       Pass         Distance to combustible materials       Minimum distances, in mm Rear = 300         Sides = 300       Ceiling = -         Front = 1800       Floor = -         Floor = -       -         Risk of burning fuel falling out       Pass         Emission of combustion products       CO = 0.06 vol%         Surface temperature       Pass         Electrical safety       Pass         Release of dangerous substances       NPD         Maximum operating ressure       Not applicable         Rue gas temperature at nominal heat output       T = 330 ° C         Mechanical resistance (to carry a chimney/flue)       NPD         Themal output       13 kW         Room heating output       - KW         Energy efficiency       75 %         8.       Nederatin no performance is issued under the sole responsibili</td><td>authorised representative whose mandate cover</td><td></td></t<>	constancy of performance of the construction product as set out in Annex V         6. In case of the declaration of performance concerning a construction product covered by a harmonised standard       The notified laboratory SGS Nederland BV, No. 0608 performed the determination of the product type on the basis of type testing under system 3 and issued test report EZKA/2016-07/00008-1 & EZKA-2020-11-030-1         7. Declared performance       EN13240-2001/A2:2004/AC:2007         Reserved testing appecification       EN13240-2001/A2:2004/AC:2007         Sestential characteristics       Performance         Rear =       300         Science to combustible materials       Minimum distances, in mm         Rear =       300         Science =       -         Front =       1000         Floor =       -         Front =       1000         Floor =       -         Risk of burning fuel falling out       Pass         Canability       Pass         Canability       Pass         Canability       Pass         Canability       Pass         Release of dangerous substances       NPD         Thermal output       T = 330 °C         Mechanical resistance (to carry a chimney/flue)       NPD         Thermal output       13 kW         Mater heating output	constancy of performance of the construction product as set out in Annex V         6. In case of the declaration of performance concerning a standard       The notified laboratory SGS Nederland BV, No. 0608 performed the determination of the product type on the basis of type testing under system and issued test report EZKA/2016-07/00008-1 & EZKA-2020-11-030-1         7. Declared performance       EN13240:2001/A2:2004/AC:2007         Essential characteristics       Performance         Fire safety       Pass         Distance to combustible materials       Minimum distances, in mm Rear = 300         Sides = 300       Ceiling = -         Front = 1800       Floor = -         Floor = -       -         Risk of burning fuel falling out       Pass         Emission of combustion products       CO = 0.06 vol%         Surface temperature       Pass         Electrical safety       Pass         Release of dangerous substances       NPD         Maximum operating ressure       Not applicable         Rue gas temperature at nominal heat output       T = 330 ° C         Mechanical resistance (to carry a chimney/flue)       NPD         Themal output       13 kW         Room heating output       - KW         Energy efficiency       75 %         8.       Nederatin no performance is issued under the sole responsibili	authorised representative whose mandate cover	
construction product covered by a harmonised standard       determination of the product type on the basis of type testing under system and issued test report EZKA/2016-07/00008-1 & EZKA-2020-11-030-1         7.       Declared performance         Harmonized technical specification       EN13240:2001/A2:2004/AC:2007         Essential characteristics       Performance         Fire safety       Pass         Distance to combustible materials       Minimum distances, in mm         Rear =       300         Sides =       300         Fire safety       Pass         Electrical safety       Pass         Electrical safety       Pass         Cleanability       Pass         Release of dangerous substances       NPD         Maximum operating pressure       Not applicable         Flue gas temperature       Pass         Release of dangerous substances       NPD         Mechanical resistance (to carry a chinney/flue)       NPD         Thermal output       13 kW         Room heating output       13 kW         Mater heating output       13 kW         Mater heating output       14 kW         Energy efficiency       75 %         Signed for and on behalf of the manufacturer by:       Danny Baijens, CEO         Dan	construction product covered by a harmonised standard       determination of the product type on the basis of type testing under system is and ard         construction product covered by a harmonised detection of the product type on the basis of type testing under system is and issued test report EZKA/2016-07/00008-1 & EZKA-2020-11-030-1         construction product covered by a harmonised detection of the product type on the basis of type testing under system is and issued test report EZKA/2016-07/00008-1 & EZKA-2020-11-030-1         construction product covered by a harmonised detection of the product type on the basis of type testing under system is and issued test report EZKA/2016-07/00008-1 & EZKA-2020-11-030-1         determination of the product system is and issued test report EZKA/2016-07/00008-1 & EZKA-2020-11-030-1         Estimation of the product system is an experiment of the product system is and issued test report EZKA/2016-07/00008-1 & EZKA-2020-11-030-1         Distance to combustible materials       Performance         Real as a for the product system is an experiment of the product identified in point 1 is in conformity with the declared performance in point 7.         This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 3.         Signed for and on behalf of the manufacturer by:       Danny Baijens, CEO (Name and function)         Bladei; February 1, 2021       EXEX	construction product covered by a harmonised standard       determination of the product type on the basis of type testing under system 3 and issued test report EZKA/2016-07/00008-1 & EZKA-2020-11-030-1         7.       Declared performance         Harmonized technical specification       EN13240:2001/A2:2004/AC:2007         Essential characteristics       Performance         Fire safety       Pass         Distance to combustible materials       Minimum distances, in mm Rear = 300         Celling =       -0         Front =       1800         Floor =       -0         Risk of burning fuel falling out       Pass         Distance to combustion products       CO = 0.06 vol%         Surface temperature       Pass         Electrical safety       Pass         Cleanability       Pass         Release of dangerous substances       NPD         Maximum operating pressure       Not applicable         Rive as temperature at nominal heat output       T = 330 °C         Mechanical resistance (to carry a chimmery/flue)       NPD         Themal output       13 kW         Water heating output       13 kW         Water heating output       13 kW         Water heating output       13 kW         Mechanical resistance of the product identified in po	construction product covered by a harmonised standard       determination of the product type on the basis of type testing under system and issued test report EZKA/2016-07/0008-1 & EZKA-2020-11-030-1         1.       Declared performance       Harmonized test report EZKA/2016-07/0008-1 & EZKA-2020-11-030-1         Harmonized technical specification       EN13240:2001/A2:2004/AC:2007         Essential characteristics       Performance         Fire safety       Pass         Distance to combustible materials       Minimum distances, in mm Rear = 300 Ceiling = -         Risk of burning fuel falling out       Pass         Emission of combustion products       CO = 0.06 vol%         Surface temperature       Pass         Electrical safety       Pass         Release of dangerous substances       NPD         Maximum operating pressure       Not applicable         Flue gas temperature at nominal heat output       T = 330 °C         Mexchanical resistance (to carry a chimney/flue)       NPD         Thermal output       13 kW         Room heating output       13 kW	constancy of performance of the construction pr	
Harmonized technical specification       EN13240:2001/A2:2004/AC:2007         Essential characteristics       Performance         Fre safety       Pass         Distance to combustible materials       Minimum distances, in mm         Rear =       300         Sides =       300         Celling =       -         Front =       1800         Floor =       -         Risk of burning fuel falling out       Pass         Emission of combustion products       CO = 0.06 vol%         Surface temperature       Pass         Electrical safety       Pass         Release of dangerous substances       NPD         Maximum operating pressure       Not applicable         Flue gas temperature at nominal heat output       T = 330 °C         Mechanical resistance (to carry a chimey/flue)       NPD         Thermal output       Pass         Nominal heat output       13 kW         Room heating output       13 kW         Water heating output       75 %         8. The performance of the product identified in point 1 is in conformity with the declared performance in point 7.         This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 3.         Signed for and on behalf of the manufa	Harmonized technical specification       [FN13240:2001/A2:2004/AC:2007         Essential characteristics       Performance         Fire safety       Pass         Distance to combustible materials       Minimum distances, in mm         Rear =       300         Sides =       300         Celling =       -         Front =       1800         Floor =       -         Emission of combustion products       CO = 0.06 vol%         Surface temperature       Pass         Electrical safety       Pass         Cleanability       Pass         Release of dangerous substances       NPD         Maximum operating pressure       Not applicable         Flue gas temperature at nominal heat output       T = 330 °C         Mechanical resistance (to carry a chimney/flue)       NPD         Thermal output       13 kW         Room heating output       13 kW         Mater heating output       13 kW         Barey efficiency       75 %         8. The performance of the product identified in point 1 is in conformity with the declared performance in point 7.         This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 3.         Signed for and on behalf of the manufacturer by:	Harmonized technical specification EN13240:2001/A2:2004/AC:2007 Essential characteristics Performance Fire safety Pass Distance to combustible materials Minimum distances, in mm Rear = 300 Sides = 300 Ceiling = - Front = 1800 Floor = - Front = 1800 Floor = - Entistion of combustion products CC = 0.06 vol% Surface temperature Pass Electrical safety Pass Electrical reside to carry a chimey/flue) NPD Thermal output T 3 XW Electrical reside to utput T 5 % Electrical safety T 5	Harmonized technical specification EN13240:2001/A2:2004/AC:2007 Essential characteristics Performance Fire safety Pass Distance to combustible materials Minimum distances, in mm Rear = 300 Sides = 300 Ceiling = - Front = 1800 Filoor = - Filoor =	construction product covered by a harmonised	determination of the product type on the basis of type testing under system
Essential characteristics       Performance         Fire safety       Pass         Distance to combustible materials       Minimum distances, in mm         Rear =       300         Sides =       300         Celling =       -         Front =       1800         Floor =       -         Risk of burning fuel falling out       Pass         Emission of combustion products       CC = 0.06 vol%         Exercise temperature       Pass         Electrical safety       Pass         Elease of dangerous substances       NPD         Maximum operating pressure       Not applicable         Rue gas temperature (to carry a chimney/flue)       NPD         Thermal output       Pass         Maximum dupt       Pass         Norinal heat output       T = 330 °C         Mechanical resistance (to carry a chimney/flue)       NPD         Thermal output       Pass         Sominal heat output       13 kW         Water heating output       - KW         Intergy efficiency       75 %         8. The performance of the product identified in point 1 is in conformity with the declared performance in point 7.         This declaration of performance is issued under the sole responsibility of the manufactur	Essential characteristics       Performance         Fire safety       Pass         Distance to combustible materials       Minimum distances, in mm         Rear =       300         Sides =       300         Celling =       -         Front =       1800         Floor =       -         Envision of combustion products       CO = 0.06 vol%         Surface temperature       Pass         Electrical safety       Pass         Elease of dangerous substances       NPD         Maximum operating pressure       Not applicable         Nominal heat output       T = 330 °C         Mechanical resistance (to carry a chimney/flue)       NPD         Thermal output       Pass         Nominal heat output       13 kW         Water heating output       13 kW         Water heating output       - kW         Energy efficiency       75 %         8. The performance of the product identified in point 1 is in conformity with the declared performance in point 7.         This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 3.         Signed for and on behalf of the manufacturer by:       Danny Baijens, CEO         Danny Baijens, CEO       Name and function)	Essential characteristics       Performance         Fire safety       Pass         Distance to combustible materials       Minimum distances, in mm         Rear =       300         Sides =       300         Celling =       -         Front =       1800         Floor =       -         Envision of combustion products       C0 = 0.06 vol%         Surface temperature       Pass         Electrical safety       Pass         Elease of dangerous substances       NPD         Maximum operating pressure       Not applicable         Nermatical resistance (to carry a chimney/flue)       NPD         Thermal evoluput       13 kW         Water heating output       13 kW         Water heating output       -         Signed for and on behalf of the manufacturer by:       Danny Baijens, CEO         Name and function]       Bladel; February 1, 2021	Essential characteristics       Performance         Fire safety       Pass         Distance to combustible materials       Minimum distances, in mm         Rear =       300         Sides =       300         Celling =       -         Front =       1800         Floor =       -         Ress of combustion products       C0 = 0.06 vol%         Surface temperature       Pass         Envision of combustion products       C0 = 0.06 vol%         Cleanability       Pass         Release of dangerous substances       NPD         Maximum operating pressure       Not applicable         Flue gas temperature at nominal heat output       T = 330 °C         Mechanical resistance (to carry a chimney/flue)       NPD         Thermal output       Pass         Nominal heat output       13 kW         Soom heating output       13 kW         Soom heating output       13 kW         Soom heating output       15 in conformity with the declared performance in point 7.         This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 3.         Signed for and on behalf of the manufacturer by:       Danny Baijens, CEO		
Pass       Distance to combustible materials     Minimum distances, in mm       Rear =     300       Sides =     300       Sides =     300       Celling =     -       Front =     1800       Filoor =     -       Front =     1800       Filoor =     -       Rear =     300       Suface to combustion products     CO = 0.06 vol%       Surface temperature     Pass       Eleactrical safety     Pass       Cleanability     Pass       Release of dangerous substances     NPD       Maximum operating pressure     Not applicable       File gas temperature at nominal heat output     T = 330 °C       Mechanical resistance (to carry a chimney/flue)     NPD       Thermal output     Pass       Nominal heat output     13 kW       Mater heating output     - kW       Energy efficiency     75 %       8. The performance of the product identified in point 1 is in conformity with the declared performance in point 7.       This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 3.	Pass       Distance to combustible materials     Minimum distances, in mm Rear = 300 Sides = 300 Ceiling = - Front = 1800 Floor = -       Risk of burning fuel falling out     Pass       Enderstein Protein     Pass       Electrical safety     Pass       Elearability     Pass       Relarability     Pass       Relarability     Pass       Release of dangerous substances     NPD       Maximum operating pressure     Not applicable       Flue gas temperature at nominal heat output     T = 330 °C       Mechanical resistance (to carry a chimney/flue)     NPD       Thermal output     Pass       Nominal heat output     13 kW       Room heating output     13 kW       Room heating output     13 kW       Room heating output     13 kW       Some for and on behalf of the monufacturer by:       Danny Baijens, CEO Name and function]	Pass       Distance to combustible materials     Minimum distances, in mm Rear = 300 Sides = 300 Sides = 300 Edeling = - Front = 1800       Risk of burning fuel falling out     Pass       Risk of oburning fuel falling out     Pass       Enderstein Pass     -       Risk of burning fuel falling out     Pass       Risk of oburning fuel falling out     Pass       Electrical safety     Pass       Elearability     Pass       Release of dangerous substances     NPD       Maximum operating pressure     Not applicable       Flue gas temperature at nominal heat output     T = 330 °C       Mechanical resistance (to carry a chimney/flue)     NPD       Thermal output     Pass       Nominal heat output     13 kW       Water heating output     13 kW       Water heating output     13 kW       Reclared of the product identified in point 1 is in conformity with the declared performance in point 7. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 3.	Pass       Distance to combustible materials     Minimum distances, in mm Rear = 300 Sides = 300 Ceiling = -       Rear = 300 Ceiling = -     -       Front = 1800 Floor = -     -       Risk of burning fuel falling out     Pass       Emission of combustion products     CO = 0.06 vol%       Surface temperature     Pass       Electrical safety     Pass       Cleanability     Pass       Release of dangerous substances     NPD       Maximum operating pressure     Not applicable       Maximum optating pressure     Not applicable       Mom heating output     13 kW       Soom heating output     13 kW       Soom heating output     13 kW       Soom heating output     -       Reary efficiency     75 %       8. The performance of the product identified in point 1 is in conformity with the declared performance in point 7. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 3.		
Distance to combustible materials       Minimum distances, in mm         Rear =       300         Sides =       300         Celling =       -         Front =       1800         Floor =       -         Ensistion of combustion products       C0 = 0.06 vol%         Surface temperature       Pass         Eleanability       Pass         Eleanability       Pass         Eleanability       Pass         Vectorial cargerous substances       NPD         Mechanical resistance (to carry a chimney/flue)       NPD         More matering output       13 kW         More heating output       13 kW         More heating output       13 kW         Norminal heat output       13 kW         Norm heating output       13 kW         Norm heating output       13 kW         Norm heating output       13 kW         Signed for and on behalf of the product identified in point 1 is in conformity with the declared performance in point 7.         This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 3.         Signed for and on behalf of the manufacturer by:         Danny Baijens, CEO       Name and function)         Bladel;       February 1, 2021	Distance to combustible materials       Minimum distances, in mm         Rear =       300         Sides =       300         Ceiling =       -         Front =       1800         Floor =       -         Thisk of burning fuel falling out       Pass         Emission of combustion products       CO = 0.06 vol%         Surface temperature       Pass         Eleanability       Pass         Eleanability       Pass         Eleanability       Pass         Vechanical resistance to carry a chimey/flue)       NPD         Mechanical resistance (to carry a chimey/flue)       NPD         More haing output       13 kW         Stare heating output       13 kW         Mark meeting output       13 kW         Norminal heat output       13 kW         Stare heating output       13 kW         Norminal heat output       13 kW         Stare heating output       13	Distance to combustible materials       Minimum distances, in mm         Rear =       300         Sides =       300         Ceiling =       -         Front =       1800         Floor =       -         Trans of combustion products       CO = 0.06 vol%         Surface temperature       Pass         Eleanability       Pass         Eleanability       Pass         Eleanability       Pass         Vectorized angerous substances       NPD         Maximum operating pressure       Not applicable         Floor a       -         Wechanical resistance (to carry a chimney/flue)       NPD         Thermal output       T = 330 °C         Wechanical resistance (to carry a chimney/flue)       NPD         Intermal output       13 kW         Vater heating output       13 kW         Vater heating output       - kW         Intergregificiency       75 %         e.       The performance of the product identified in point 1 is in conformity with the declared performance in point 3.         Signed for and on behalf of the manufacturer by:       Danny Baljens, CEO         Name and function)       Stadel         Bladel; February 1, 2021	Distance to combustible materials       Minimum distances, in mm         Rear =       300         Sides =       300         Celling =       -         Front =       1800         Floor =       -         Tisk of burning fuel falling out       Pass         Emission of combustion products       CO = 0.06 vol%         Jarface temperature       Pass         Electrical safety       Pass         Leanability       Pass         Leanability       Pass         Vake gas temperature at nominal heat output       T = 330 °C         Wechanical resistance (to carry a chimney/flue)       NPD         Thermal output       13 kW         Soom heating output       13 kW         Soom heating output       13 kW         Maximum dupt       75 %         8. The performance of the product identified in point 1 is in conformity with the declared performance in point 7.         This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 3.		
Sides =     300       Ceiling =     -       Front =     1800       Floor =     -       mission of combustion products     CO = 0.06 vol%       Surface temperature     Pass       Electrical safety     Pass       Electrical safety     Pass       Elease of dangerous substances     NPD       Maximum operating pressure     Not applicable       Plue gas temperature at nominal heat output     T = 330 °C       Mechanical resistance (to carry a chimney/flue)     NPD       Thermal output     Pass       Norminal heat output     13 kW       Room heating output     13 kW       Water heating output     13 kW       Water heating output     75 %       8. The performance of the product identified in point 1 is in conformity with the declared performance in point 7.       This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 3.	Sides =       300         Ceiling =       -         Front =       1800         Floor =       -         Atsk of burning fuel falling out       Pass         Emission of combustion products       CO = 0.06 vol%         Surface temperature       Pass         Electrical safety       Pass         Electrical safety       Pass         Cleanability       Pass         Mechanical resistance (to carry a chimney/flue)       NPD         Mexhanual neat output       T = 330 °C         Mechanical resistance (to carry a chimney/flue)       NPD         Thermal output       Pass         Nominal heat output       13 kW         Waker heating output       13 kW         Waker heating output       - kW         Energy efficiency       75 %         8. The performance of the product identified in point 1 is in conformity with the declared performance in point 7.         This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 3.         Signed for and on behalf of the manufacturer by:         Danny Baijens, CEO         (Name and function)         Bladel; February 1, 2021	Sides =     300       Ceiling =     -       Front =     1800       Floor =     -       Atsk of burning fuel falling out     Pass       Emission of combustion products     CC = 0.06 vol%       Surface temperature     Pass       Electrical safety     Pass       Elease of dangerous substances     NPD       Maximum operating pressure     Not applicable       Flue gas temperature at nominal heat output     T = 330 °C       Mexchanical resistance (to carry a chimney/flue)     NPD       Thermal output     Pass       Nominal heat output     13 kW       Water heating output     13 kW       Water heating output     13 kW       Avater heating output     5 %       8. The performance of the product identified in point 1 is in conformity with the declared performance in point 7.       This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 3.	Sides =       300         Ceiling =       -         Front =       1800         Floor =       -         Emission of combustion products       CO = 0.06 vol%         Surface temperature       Pass         Electrical safety       Pass         Maximum operating pressure       Not applicable         Mekenancel tree as temperature at nominal heat output       T = 330 °C         Mechanical resistance (to carry a chimney/flue)       NPD         Thermal output       Pass         Soom heating output       13 kW         Soom heating output       13 kW         Maximum operation of performance of the product identified in point 1 is in conformity with the declared performance in point 7.         This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 3.         Signed for and on behalf of the manufacturer by:         Danny Baijens, CEO       Sometaing output		
Front =     1800       Floor =     -       Risk of burning fuel falling out     Pass       Emission of combustion products     C0 = 0.06 vol%       Surface temperature     Pass       Cleanability     Pass       Cleanability     Pass       Release of dangerous substances     NPD       Maximum operating pressure     Not applicable       Flue gas temperature at nominal heat output     T = 330 °C       Mechanical resistance (to carry a chimney/flue)     NPD       Thermal output     Pass       Nominal heat output     13 kW       Room heating output     13 kW       Room heating output     13 kW       Bacelaret of the product identified in point 1 is in conformity with the declared performance in point 7.       This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 3.	Front =     1800       Floor =     -       Risk of burning fuel falling out     Pass       Emission of combustion products     CO = 0.06 vol%       Surface temperature     Pass       Cleanability     Pass       Cleanability     Pass       Release of dangerous substances     NPD       Maximum operating pressure     Not applicable       Flue gas temperature at nominal heat output     T = 330 °C       Mechanical resistance (to carry a chimney/flue)     NPD       Thermal output     Pass       Nominal heat output     13 kW       Room heating output     13 kW       Mater heating output     14 kW       Energy efficiency     75 %       8. The performance of the product identified in point 1 is in conformity with the declared performance in point 7. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 3.       Signed for and on behalf of the manufacturer by:       Danny Baijens, CEO (Name and function)	Front =       1800         Filoor =       -         Risk of burning fuel falling out       Pass         Emission of combustion products       CD = 0.06 vol%         Surface temperature       Pass         Cleanability       Pass         Cleanability       Pass         Release of dangerous substances       NPD         Maximum operating pressure       Not applicable         Flue gas temperature at nominal heat output       T = 330 °C         Mechanical resistance (to carry a chimney/flue)       NPD         Thermal output       Pass         Nominal heat output       13 kW         Room heating output       13 kW         Mater heating output       13 kW         Energy efficiency       75 %         8. The performance of the product identified in point 1 is in conformity with the declared performance in point 7.         This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 3.         Signed for and on behalf of the manufacturer by:         Danny Baijens, CEO         Name and function)         Biadel; February 1, 2021	Front =     1800       Fibor =     -       Risk of burning fuel falling out     Pass       Emission of combustion products     CO = 0.06 vol%       Sufface temperature     Pass       Electrical safety     Pass       Cleanability     Pass       Release of dangerous substances     NPD       Maximum operating pressure     Not applicable       Flue gas temperature at nominal heat output     T = 330 °C       Mechanical resistance (to carry a chimney/flue)     NPD       Thermal output     Pass       Nom heating output     13 kW       Noom heating output     13 kW       Noom heating output     13 kW       Sterger efficiency     75 %       8. The performance of the product identified in point 1 is in conformity with the declared performance in point 7.       This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 3.		Sides = 300
Emission of combustion products     CO = 0.06 vol%       Surface temperature     Pass       Electrical safety     Pass       Cleanability     Pass       Release of dangerous substances     NPD       Maximum operating pressure     Not applicable       Flue gas temperature at nominal heat output     T = 330 °C       Mechanical resistance (to carry a chimney/flue)     NPD       Thermal output     Pass       Nominal heat output     13 kW       Room heating output     - kW       Energy efficiency     75 %       8. The performance of the product identified in point 1 is in conformity with the declared performance in point 7.       This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 3.	Emission of combustion products       CD = 0.06 vol%         Surface temperature       Pass         Electrical safety       Pass         Cleanability       Pass         Release of dangerous substances       NPD         Maximum operating pressure       Not applicable         Flue gas temperature at nominal heat output       T = 330 °C         Mechanical resistance (to carry a chimney/flue)       NPD         Thermal output       Pass         Nominal heat output       13 kW         Room heating output       13 kW         Water heating output       -kW         Energy efficiency       75 %         8. The performance of the product identified in point 1 is in conformity with the declared performance in point 7.         This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 3.         Signed for and on behalf of the manufacturer by:         Danny Baijens, CEO         (Name and function)         Bladel; February 1, 2021	Emission of combustion products       CD = 0.06 vol%         Surface temperature       Pass         Electrical safety       Pass         Cleanability       Pass         Release of dangerous substances       NPD         Maximum operating pressure       Not applicable         Flue gas temperature at nominal heat output       T = 330 °C         Mechanical resistance (to carry a chimney/flue)       NPD         Thermal output       Pass         Nominal heat output       13 kW         Room heating output       13 kW         Water heating output       - kW         Energy efficiency       75 %         8.       The performance of the product identified in point 1 is in conformity with the declared performance in point 7.         This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 3.         Signed for and on behalf of the manufacturer by:       Danny Baijens, CEO         Danny Baijens, CEO       (Name and function)         Bladel;       February 1, 2021	Emission of combustion products     CO = 0.06 vol%       Surface temperature     Pass       Electrical safety     Pass       Elease of dangerous substances     NPD       Maximum operating pressure     Not applicable       Flue gas temperature at nominal heat output     T = 330 °C       Mechanical resistance (to carry a chimney/flue)     NPD       Thermal output     Pass       Nom inal heat output     13 kW       Noom heating output     13 kW       Room heating output     13 kW       Room heating output     13 kW       Room heating output     13 kW       Starey efficiency     75 %       8. The performance of the product identified in point 1 is in conformity with the declared performance in point 7.       This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 3.		Front = 1800 Floor = -
Surface temperature     Pass       Electrical safety     Pass       Cleanability     Pass       Release of dangerous substances     NPD       Waximum operating pressure     Not applicable       Rise gas temperature at nominal heat output     T = 330 °C       Wechanical resistance (to carry a chimney/flue)     NPD       Thermal output     Pass       Nominal heat output     13 kW       Soom heating output     13 kW       Mater heating output     - kW       Energy efficiency     75 %       8. The performance of the product identified in point 1 is in conformity with the declared performance in point 7.       This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 3.	Surface temperature     Pass       Electrical safety     Pass       Cleanability     Pass       Release of dangerous substances     NPD       Waximum operating pressure     Not applicable       Flue gas temperature at nominal heat output     T = 330 °C       Wechanical resistance (to carry a chimney/flue)     NPD       Thermal output     Pass       Nominal heat output     13 kW       Soom heating output     13 kW       Water heating output     13 kW       Base Informance of the product identified in point 1 is in conformity with the declared performance in point 7.       This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 3.	Surface temperature       Pass         Electrical safety       NpD         Hue gas temperature at nominal heat output       T = 330 °C         Wechanical resistance (to carry a chimney/flue)       NPD         Thermal output       Pass         Nominal heat output       13 kW         Soom heating output       13 kW         Water heating output       13 kW         Mater heating output       13 kW         Soom heating output       13 kW         Badel;       Februard in point 1 is in conformity with the declared performance in point 7.         This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 3.         Signed for and on behalf of the manufacturer by:       Danny Baijens, CEO         Name and function]       Sideel; February 1, 2021	Surface temperature     Pass       Electrical safety     Pass       Cleanability     Pass       Release of dangerous substances     NPD       Maximum operating pressure     Not applicable       Flue gas temperature at nominal heat output     T = 330 °C       Mechanical resistance (to carry a chimney/flue)     NPD       Thermal output     Pass       Nominal heat output     13 kW       Room heating output     13 kW       Room heating output     - kW       Energy efficiency     75 %       8. The performance of the product identified in point 1 is in conformity with the declared performance in point 7.       This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 3.		
Electrical safety       Pass         Cleanability       Pass         Release of dangerous substances       NPD         Waximum operating pressure       Not applicable         The gas temperature at nominal heat output       T = 330 °C         Wecknanical resistance (to carry a chimney/flue)       NPD         Thermal output       Pass         Nominal heat output       T = 330 °C         Mechanical resistance (to carry a chimney/flue)       NPD         Thermal output       Pass         Nominal heat output       13 kW         Soom heating output       13 kW         Maximum Comparison       75 %         8. The performance of the product identified in point 1 is in conformity with the declared performance in point 7.         This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 3.         Signed for and on behalf of the manufacturer by:         Danny Baijens, CEO         (Name and function)         Bladel;       February 1, 2021	Electrical safety     Pass       Cleanability     Pass       Release of dangerous substances     NPD       Waximum operating pressure     Not applicable       The gas temperature at nominal heat output     T = 330 °C       Wechanical resistance (to carry a chimney/flue)     NPD       Thermal output     Pass       Nominal heat output     13 kW       Noom heating output     13 kW       Water heating output     - kW       Energy efficiency     75 %       8. The performance of the product identified in point 1 is in conformity with the declared performance in point 7.       This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 3.	Electrical safety       Pass         Cleanability       Pass         Release of dangerous substances       NPD         Waximum operating pressure       Not applicable         The gas temperature at nominal heat output       T = 330 °C         Wechanical resistance (to carry a chimney/flue)       NPD         Thermal output       Pass         Nominal heat output       13 kW         Noom heating output       13 kW         Soom heating output       13 kW         Renergy efficiency       75 %         8. The performance of the product identified in point 1 is in conformity with the declared performance in point 7.         This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 3.         Signed for and on behalf of the manufacturer by:         Danny Baijens, CEO         (Name and function)         Bladel;       February 1, 2021	Electrical safety     Pass       Cleanability     Pass       Release of dangerous substances     NPD       Maximum operating pressure     Not applicable       There gas temperature at nominal heat output     T = 330 °C       Mechanical resistance (to carry a chimney/flue)     NPD       Thermal output     Pass       Soom heating output     13 kW       Soom heating output     13 kW       Soom heating output     - kW       Energy efficiency     75 %       8. The performance of the product identified in point 1 is in conformity with the declared performance in point 7. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 3.		
Release of dangerous substances     NPD       Maximum operating pressure     Not applicable       Waximum operating pressure     Not applicable       Wethanical resistance (to carry a chimney/flue)     NPD       Thermal output     Pass       Soom heating output     13 kW       Soom heating output     5 %       8. The performance of the product identified in point 1 is in conformity with the declared performance in point 7.       This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 3.	Release of dangerous substances     NPD       Maximum operating pressure     Not applicable       Wite gas temperature at nominal heat output     T = 330 °C       Mechanical resistance (to carry a chimney/flue)     NPD       Thermal output     Pass       Noom heating output     13 kW       Maximum tensor     13 kW       Water heating output     - kW       Energy efficiency     75 %       8. The performance of the product identified in point 1 is in conformity with the declared performance in point 7.       This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 3.	Release of dangerous substances     NPD       Maximum operating pressure     Not applicable       Wite gas temperature at nominal heat output     T = 330 °C       Mechanical resistance (to carry a chimney/flue)     NPD       Thermal output     Pass       Noom heating output     13 kW       Noom heating output     13 kW       Maximum Constraints     75 %       8.     The performance of the product identified in point 1 is in conformity with the declared performance in point 7.       This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 3.	Release of dangerous substances     NPD       Maximum operating pressure     Not applicable       Wee gas temperature at nominal heat output     T = 330 °C       Mechanical resistance (to carry a chimney/flue)     NPD       Thermal output     Pass       Sominal heat output     13 kW       Koom heating output     13 kW       Maximum output     13 kW       Som heating output     14 kW       Som heating output     15 kW       Som heating output     15 kW       Som heating output     16 km       Som heating output     175 %       Som heating output identified in point 1 is in conformity with the declared performance in point 3.		
Maximum operating pressure       Not applicable         Filse gas temperature at nominal heat output       T = 330 °C         Wechanical resistance (to carry a chimney/flue)       NPD         Intermal output       Pass         Nominal heat output       13 kW         Isom heating output       13 kW         Noter heating output	Maximum operating pressure       Not applicable         Filse gas temperature at nominal heat output       T = 330 °C         Mechanical resistance (to carry a chimney/flue)       NPD         Intermal output       Pass         Nominal heat output       13 kW         Noom heating output       13 kW         Nater heating output	Maximum operating pressure     Not applicable       File gas temperature at nominal heat output     T = 330 °C       Wechanical resistance (to carry a chimney/flue)     NPD       Thermal output     Pass       Nominal heat output     13 kW       Noor heating output     13 kW       Water heating output     - kW       Interpret ficiency     75 %       8. The performance of the product identified in point 1 is in conformity with the declared performance in point 7.       This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 3.	Maximum operating pressure         Not applicable           Flue gas temperature at nominal heat output         T = 330 °C           Wechanical resistance (to carry a chimney/flue)         NPD           Informal output         Pass           Nominal heat output         13 kW           Noom heating output         13 kW           Nater heating output         13 kW           Nater heating output         13 kW           Nater heating output         13 kW           Second for any output         15 km           Nater heating output         15 kW           Second for any output         15 km           Inside claration of performance is issued under the sole responsibility of the manufacturer identified in point 3.		
File gas temperature at nominal heat output     T = 330 °C       Mechanical resistance (to carry a chimney/flue)     NPD       Thermal output     Pass       Nominal heat output     13 kW       Room heating output     13 kW       Water heating output	File gas temperature at nominal heat output     T = 330 °C       Mechanical resistance (to carry a chimney/flue)     NPD       Thermal output     Pass       Nominal heat output     13 kW       Room heating output     13 kW       Water heating output     13 kW       Barger filciency     75 %       8. The performance of the product identified in point 1 is in conformity with the declared performance in point 7. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 3.	File gas temperature at nominal heat output     T = 330 °C       Mechanical resistance (to carry a chimney/flue)     NPD       Thermal output     Pass       Nominal heat output     13 kW       Room heating output     13 kW       Water heating output     13 kW       Barder facting output     13 kW       Restrict factor     75 %       8. The performance of the product identified in point 1 is in conformity with the declared performance in point 7. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 3.	File gas temperature at nominal heat output     T = 330 °C       Mechanical resistance (to carry a chimney/flue)     NPD       Thermal output     Pass       Nominal heat output     13 kW       Room heating output     13 kW       Room heating output     13 kW       Room heating output     75 %       8. The performance of the product identified in point 1 is in conformity with the declared performance in point 7. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 3.		
Mechanical resistance (to carry a chimney/flue)         NPD           Thermal output         Pass           Nominal heat output         13 kW           Soom heating output         13 kW           Water heating output         13 kW           Mater heating output         - kW           Energy efficiency         75 %           8. The performance of the product identified in point 1 is in conformity with the declared performance in point 7.           This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 3.           Signed for and on behalf of the manufacturer by:           Danny Baijens, CEO           (Name and function)           Bladel;         February 1, 2021	Mechanical resistance (to carry a chimney/flue)     NPD       Thermal output     Pass       Nominal heat output     13 kW       Soom heating output     13 kW       Water heating output	Mechanical resistance (to carry a chimney/flue)     NPD       Thermal output     Pass       Nominal heat output     13 kW       Soom heating output     13 kW       Water heating output     13 kW       Mater heating output     13 kW       Barge efficiency     75 %       8. The performance of the product identified in point 1 is in conformity with the declared performance in point 7.       This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 3.	Mechanical resistance (to carry a chimney/flue)         NPD           Thermal output         Pass           Nominal heat output         13 kW           Soom heating output         13 kW           Water heating output         13 kW           Bargy efficiency         75 %           8. The performance of the product identified in point 1 is in conformity with the declared performance in point 7. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 3.		
Nominal heat output     13 kW       Room heating output     13 kW       Water heating output     - kW       Energy efficiency     75 %       8. The performance of the product identified in point 1 is in conformity with the declared performance in point 7. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 3.       Signed for and on behalf of the manufacturer by:       Danny Baijens, CEO (Name and function)       Bladel; February 1, 2021	Nominal heat output     13 kW       Room heating output     13 kW       Water heating output     13 kW       Energy efficiency     75 %       8. The performance of the product identified in point 1 is in conformity with the declared performance in point 7. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 3.       Signed for and on behalf of the manufacturer by:       Danny Bajiens, CEO (Name and function)       Bladel; February 1, 2021	Nominal heat output     13 kW       Room heating output     13 kW       Water heating output     - kW       Energy efficiency     75 %       8. The performance of the product identified in point 1 is in conformity with the declared performance in point 7. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 3.       Signed for and on behalf of the manufacturer by:       Danny Bajiens, CEO (Name and function)       Bladel; February 1, 2021	Nominal heat output     13 kW       Room heating output     13 kW       Water heating output     14 kW       Energy efficiency     75 %       8. The performance of the product identified in point 1 is in conformity with the declared performance in point 7. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 3.       Signed for and on behalf of the manufacturer by:       Danny Baijens, CEO		
Room heating output     13 kW       Mater heating output     - kW       Energy efficiency     75 %       8. The performance of the product identified in point 1 is in conformity with the declared performance in point 7. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 3.       Signed for and on behalf of the manufacturer by:       Danny Baijens, CEO (Name and function)       Biadel; February 1, 2021	Room heating output       13 kW         Water heating output       - kW         Energy efficiency       75 %         8. The performance of the product identified in point 1 is in conformity with the declared performance in point 7. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 3.         Signed for and on behalf of the manufacturer by:         Danny Baijens, CEO (Name and function)         Biadel; February 1, 2021	Room heating output       13 kW         Water heating output       - kW         Energy efficiency       75 %         8. The performance of the product identified in point 1 is in conformity with the declared performance in point 7. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 3.         Signed for and on behalf of the manufacturer by:         Danny Baijens, CEO (Name and function)         Biadel; February 1, 2021	Room heating output     13 kW       Water heating output     -kW       Inergy efficiency     75 %       8. The performance of the product identified in point 1 is in conformity with the declared performance in point 7. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 3.       Signed for and on behalf of the manufacturer by:       Danny Baijens, CEO		
Water heating output     - kW       Energy efficiency     75 %       8. The performance of the product identified in point 1 is in conformity with the declared performance in point 7. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 3.       Signed for and on behalf of the manufacturer by:       Danny Baijens, CEO (Name and function)       Bladel;     February 1, 2021	Water heating output       - kW         Energy efficiency       75 %         8. The performance of the product identified in point 1 is in conformity with the declared performance in point 7. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 3.         Signed for and on behalf of the manufacturer by:         Danny Baijens, CEO (Name and function)         Bladel; February 1, 2021	Water heating output       - kW         Energy efficiency       75 %         8. The performance of the product identified in point 1 is in conformity with the declared performance in point 7. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 3.         Signed for and on behalf of the manufacturer by:         Danny Baijens, CEO         (Name and function)         Bladel; February 1, 2021	Water heating output     - kW       Energy efficiency     75 %       8.     The performance of the product identified in point 1 is in conformity with the declared performance in point 7.       This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 3.		
Energy efficiency [75 % 8. The performance of the product identified in point 1 is in conformity with the declared performance in point 7. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 3. Signed for and on behalf of the manufacturer by: Danny Baijens, CEO (Name and function) Biadel; February 1, 2021	Energy efficiency  75 %  8. The performance of the product identified in point 1 is in conformity with the declared performance in point 7. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 3.  Signed for and on behalf of the manufacturer by: Danny Baijens, CEO (Name and function) Biddel; February 1, 2021	Energy efficiency 75 % 8. The performance of the product identified in point 1 is in conformity with the declared performance in point 7. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 3. Signed for and on behalf of the manufacturer by: Danny Baijens, CEO (Name and function) Biadel; February 1, 2021	Energy efficiency     75 %       8. The performance of the product identified in point 1 is in conformity with the declared performance in point 7. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 3.       Signed for and on behalf of the manufacturer by:       Danny Baijens, CEO		
8. The performance of the product identified in point 1 is in conformity with the declared performance in point 7.     This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 3.	8. The performance of the product identified in point 1 is in conformity with the declared performance in point 7.     This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 3.  Signed for and on behalf of the manufacturer by: Danny Baijens, CEO Name and function Bladel; February 1, 2021	8. The performance of the product identified in point 1 is in conformity with the declared performance in point 7. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 3.	8. The performance of the product identified in point 1 is in conformity with the declared performance in point 7. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 3. Signed for and on behalf of the manufacturer by: Danny Baijens, CEO		
This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 3.  Signed for and on behalf of the manufacturer by: Danny Baijens, CEO Name and function Bladel; February 1, 2021	This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 3.  Signed for and on behalf of the manufacturer by: Danny Baijens, CEO Name and function Bladel; February 1, 2021	This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 3.  Signed for and on behalf of the manufacturer by: Danny Baijens, CEO (Name and function) Bladel; February 1, 2021	This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 3. Signed for and on behalf of the manufacturer by: Danny Baijens, CEO		
Signed for and on behalf of the manufacturer by: Danny Baijens, CEO (Name and function) Bladel; February 1, 2021	Signed for and on behalf of the manufacturer by: Danny Baijens, CEO (Name and function) Bladel; February 1, 2021	Signed for and on behalf of the manufacturer by: Danny Baijens, CEO (Name and function) Bladel; February 1, 2021	Signed for and on behalf of the manufacturer by:	<ol> <li>The performance of the product identified in policity</li> </ol>	nt 1 is in conformity with the declared performance in point 7.
Danny Baijens, CEO (Name and function) Bladel; February 1, 2021	Danny Baijens, CEO (Name and function) Bladel; February 1, 2021	Danny Baijens, CEO (Name and function) Biadel; February 1, 2021	Danny Baijens, CEO	This declaration of performance is issued under t	he sole responsibility of the manufacturer identified in point 3.
Danny Baijens, CEO (Name and function) Bladel; February 1, 2021	Danny Baijens, CEO (Name and function) Bladel; February 1, 2021	Danny Baijens, CEO (Name and function) Biadel; February 1, 2021	Danny Baijens, CEO		
Danny Baijens, CEO (Name and function) Bladel; February 1, 2021	Danny Baijens, CEO (Name and function) Bladel; February 1, 2021	Danny Baijens, CEO (Name and function) Biadel; February 1, 2021	Danny Baijens, CEO		
Danny Baijens, CEO (Name and function) Bladel; February 1, 2021	Danny Baijens, CEO (Name and function) Bladel; February 1, 2021	Danny Baijens, CEO (Name and function) Biadel; February 1, 2021	Danny Baijens, CEO		
(Name and function) Bladel; February 1, 2021	(Name and function) Bladel; February 1, 2021	(Name and function) Bladel; February 1, 2021		gned for and on behalf of the manufacturer by:	
(Name and function) Bladel; February 1, 2021	(Name and function) Bladel; February 1, 2021	(Name and function) Bladel; February 1, 2021		anny Baijens, CEO	
Bladel; February 1, 2021	Bladel; February 1, 2021	Bladel; February 1, 2021			
place and date of issue) (Signature)					(Signature)

## 2 About this document

This document shows the necessary information to do these tasks on the BOX 20 75:

- Operate the appliance
- Do basic maintenance

This document refers to the BOX 20 75 as 'the appliance'. This document is an essential part of your appliance. Read it carefully before you do work on the appliance. Keep it in a safe place.

The original instructions of the document are in English. All other language versions of the document are translations of the original instructions. It is not always possible to provide a detailed illustration of every single item of the equipment. The illustrations in this document show a typical setup. The illustrations are for instructional use only.

#### 2.1 How to work with this document

- 1. Make yourself familiar with the structure and content of the document.
- 2. Read the safety chapter in detail.
- 3. Make sure that you understand all the instructions.
- 4. Do the procedures completely and in the given sequence.

#### 2.2 Warnings and cautions used in this document

#### Warning

If you do not obey these instructions, there is a risk that can cause personal injury or death.

#### Caution

If you do not obey these instructions, there is a risk of damage to the equipment or to property.

#### Note

A note shows more information.

Symbol	Description
	Visual sign that there is a hazard
i	Visual sign that there is a notice

#### 2.3 Related documentation

- · Installation and maintenance manual
- User manual

## 3 Description

#### 3.1 Overview of the BOX 20 75

The BOX 20 75 is optionally available with a wood log storage module under the appliance.

The BOX 20 75 is available with a screened glass door or with a steel frame door.

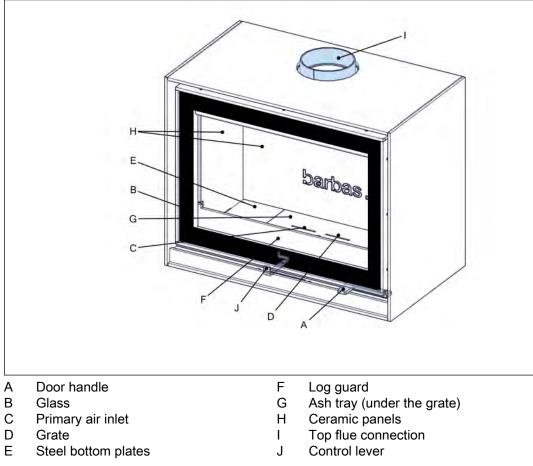


Figure 1. Front view of the BOX 20 75 with screened glass door

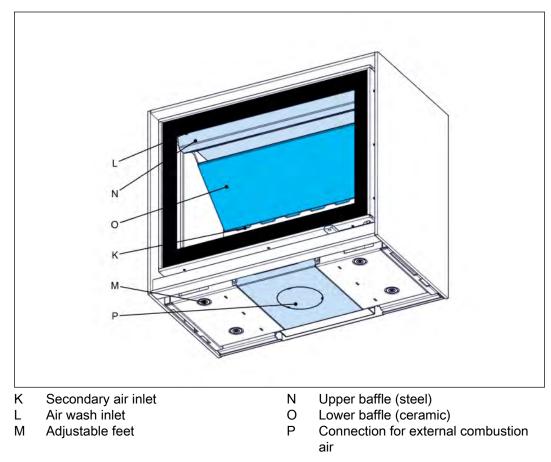


Figure 2. Bottom view of the BOX 20 75 with screened door

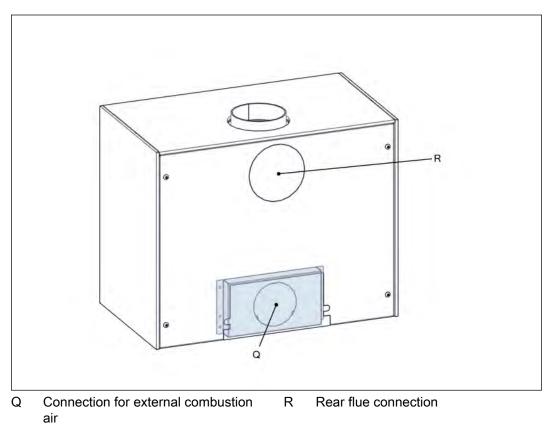


Figure 3. Rear view of the BOX 20 75

#### 3.2 Overview of the BOX 20 75 with wood log storage module

The BOX 20 75 is optionally available with a wood log storage module under the appliance.

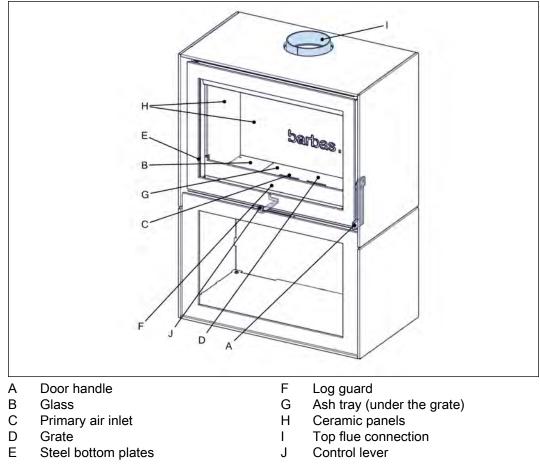
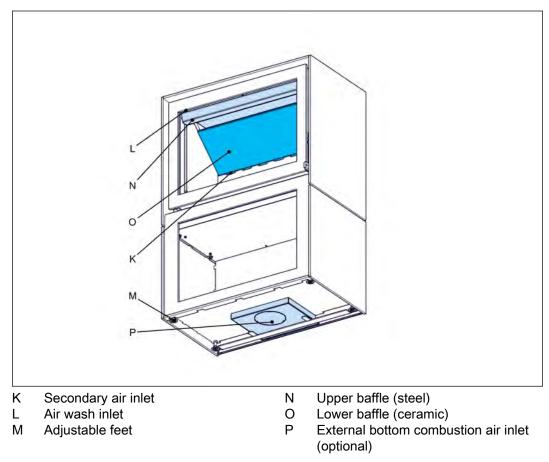


Figure 4. Front view of the BOX 20 75 with wood log storage module and steel frame door

# barbas.



*Figure 5. Bottom view of the BOX 20 75 with wood log storage module and steel frame door* 

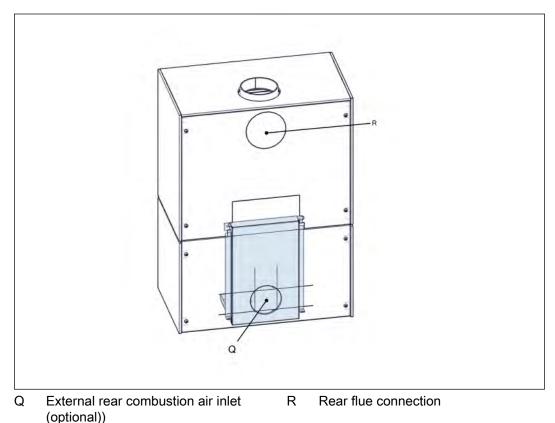


Figure 6. Rear view of the BOX 20 75 with wood log storage module

#### 3.3 Intended use

The appliance is intended for indoor use to heat the room wherein it is installed. Do not use it for other purposes.

The appliance is intended for use with wood logs or wood briquettes as fuel. Do not use other fuels.

The appliance is intended for use with the door closed.

The appliance may only be used at the location that meets the requirements for the installation of the appliance.

The appliance is intended for intermittent use and is not intended for continuous use.

The appliance is intended to heat the room by direct heating. It is not allowed to connect the appliance to a central-heating installation.

## 4 Safety

4.1

• Do not put objects on the top of the appliance.

Safety instructions for operation

Warning:

- Do not let the appliance unattended when the fuel burns.
- Do not put flammable items within 180 cm from the front of the appliance.
- Do not put flammable items within 30 cm from the side of the appliance.
- If applicable, make sure the distance between the top of the wood log storage module and the wood logs in in de storage module is minimum 10 cm. Make sure the wood logs in the storage do not touch the top of the wood log storage module.
- Do not use mineral fuel (example: coal, anthracite)
- Do not use the appliance with the door open. Smoke can escape from the appliance. Only open the appliance door for a short time to reload with fuel or to remove the ash.
- Make sure that children are supervised when they can reach the appliance.
- Make sure that there is sufficient ventilation in the room in which the appliance is installed.
- Do not use the appliance in case of visual glass damage.
- Make sure that the appliance is installed correctly. Refer to the Installation and Maintenance manual. You can find the manuals on www.barbas.com.
- Wear the glove and use the operating hook or a poke when refilling the appliance
- Make sure that your clothing does not touch the appliance. Especially synthetic clothing ignites easy and burns intensely.
- Do not use the appliance when there is fog, haze or no wind.
- Do not make modifications to the appliance. Any modification will also make your warranty invalid.

#### Caution:



- Make sure to clean your chimney minimum every year to prevent a chimney fire.
- Do not use freshly cut wood.
- Do not use more wood per load than prescribed. Refer to chapter *5.2* for the recommended fuel amount.
- Do not burn waste in the appliance.
- Do not prepare food in the appliance. This causes damage to your appliance and chimney.



- Do inspect and clean the appliance, the chimney and the external combustion air supply by a Barbas dealer minimum every year.
- Do not use the appliance continuously. The intended use is as intermittent appliance.

#### 4.2 Safety instructions with regard to the environment

- Dispose of the packing materials in an environmentally friendly way.
- Dispose of ceramic heat-resistant glass as household waste. Do not dispose of ceramic heat-resistant glass in a glass recycling container.
- Dispose of an obsolete appliance according to instructions of the authorities or the fitter.
- Obey the local regulations.

## 5 Fuel

5.1

#### Fuel types



Do not use coal, anthracite, coal briquettes, liquid fuel or gel fuel. The appliance is not designed for these fuels. Use of these fuels is dangerous and can lead to bodily harm and to serious damage to the appliance.

Suitable fuels are:

- Hard wood (example: birch, beech, oak, ash).
- Soft wood (example: spruce, pine, poplar).
- Wood briquettes without binder.

Warning:

Before use, wood must dry for minimum 2 years when freshly chopped. Kiln-dried wood must dry for an extra half year. Dried wood logs must have a moisture content of 10 - 20 %.

Unsuitable fuels are:

- Painted wood.
- Impregnated wood.
- MDF, chipboard.
- Any kind of combustible waste.
- · Paraffin impregnated compressed wood logs
- Freshly chopped wood
- · Coal, anthracite and other bituminous fuels
- Lignite , peat

Using unsuitable fuels cause excess smoke, black glass, combustible deposits in the chimney and can damage the appliance.

#### 5.2 Fuel amount

Load the appliance with the amount of fuel as listed hereunder. Put the load as one layer on the floor of the combustion chamber. For the amount of fuel for the first load see chapter 6.3.1.

#### Table 1: Recommended amount of fuel

	Wood logs	Wood briquettes
Amount	3 pieces	3 pieces
Weight	Approximately 1.1 kg per piece	Approximately 0.8 kg per piece
Length	Approximately 30 cm	Approximately 30 cm

The above listed amount burns for approximately 45 minutes. This time can be different, dependent on the chimney draught and the position of the combustion air valve.

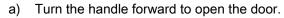
The amount of fuel specified here should not be exceeded, overloading can cause excess smoke.

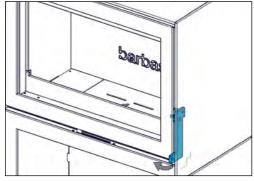
## 6 Operation

#### 6.1 Preparation before first use

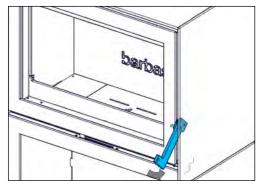
Report any defects to your dealer immediately.

- 1. Make sure that the appliance is not damaged.
- 2. Make sure that the ceramic plate and the baffles are in the correct position.
- 3. Make sure that the glass is not damaged.
- 4. Make sure that the door opens and closes completely, by moving the door handle <u>Steel frame door</u>



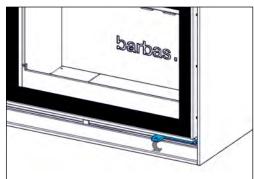


b) Turn the handle downward to close the door.

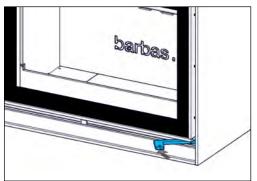


#### Screened glass door

a) Turn the handle forward to open the door.



b) Turn the handle backward to close the door.



- 5. Remove documents and components from the combustion chamber.
- 6. Make sure that the control lever moves easy.
- 7. Make sure that the ash tray is empty.
- 8. Make sure that all package material, stickers, etc, have been removed from the vicinity of the appliance after installation.

### 6.2 First use of the appliance



#### Caution:

• Make sure there is sufficient ventilation in the room in which the appliance is installed.



#### Note:

The appliance has a heat-resistant coating. When you use the appliance for the first time, the coating can cause an unpleasant, but harmless smell.

After first few times of use of the appliance, a light deposit on the inside of the glass may occur caused by curing of the paint. This can be removed with glass cleaner or ceramic hob cleaner.

#### 6.3 Firing the appliance

#### 6.3.1 First load and ignition

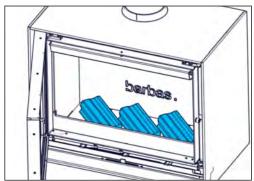
At the beginning the appliance and chimney are cold. It is important that both the appliance and chimney reach a temperature that guarantees a good functioning of the appliance. A too low temperature results in incomplete combustion and a poor chimney draught. To avoid this do the following:



#### Warning:

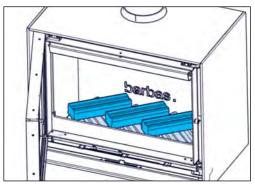
Do not use the appliance when there is fog or haze or no wind.

- 1. Put the control lever in the far right position.
- 2. If applicable, open the valve in the external combustion air supply line.
- 3. If applicable, open the chimney valve completely.
- 4. Open the door of the appliance.

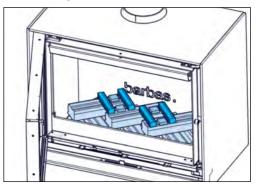


5. Put minimum 3 wood logs crosswise on the floor of the combustion chamber.

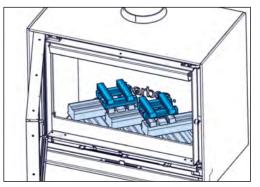
6. Put minimum 3 wood logs crosswise on top of the first layer of wood logs.



7. Put kindling wood and 2 to 4 fire starter cubes on top of the wood logs.



8. Put kindling wood above the fire starter cubes.



- 9. Light the fire starter cubes with a lighter or a match.
- 10. Close the door of the appliance.

After approximately 20 minutes the wood logs burn. Dependent on the quality of the chimney the wood logs burn for approximately 1 to 1.5 hours. Do not open the door of the appliance before the last flames have almost disappeared.

#### 6.3.2 Reload with fuel



Caution:

If there is insufficient burning material in the firebed to light a new fuel charge, excessive smoke emission can occur. Refueling must be done onto a sufficient quantity of glowing embers and ash to make sure that the new fuel charge will ignite in a reasonable period. If there are too few embers in the fire bed, add suitable kindling to prevent excessive smoke.



#### Note:

The procedure hereunder is a general description. The best reloading moment is dependent on the flue draught. A high flue draught requires reloading when the flames have completely disappeared. If the flue draught is low, reloading must be done when there are still flames.

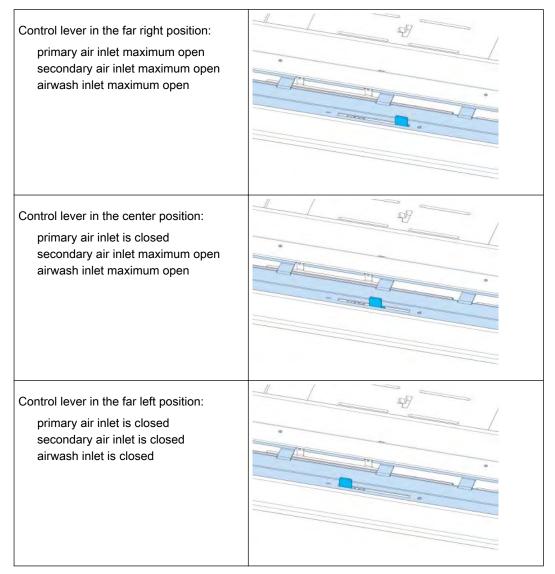
- 1. Wait until the last flames have almost disappeared.
- 2. Set the control lever in the far right position.
- 3. Open the door.
- 4. Reload the appliance with 3 wood logs, put flat on the combustion chamber floor. Use the recommended amount of fuel. Refer to chapter *5.2*.



- 5. Close the door.
- 6. After ignition of the fuel, move the control lever to the left to a position that gives a quiet burning fire.

#### 6.3.3 Control the burn process

Control the burn process with the control lever. This lever controls the amount of primary combustion air and both the secondary combustion air and airwash amount.





#### Warning:

Caution:

Setting the control lever in the far left position (all air inlets closed) when the fuel is burning leads to excessive emission of hazardous gasses (example: carbon monoxide) and soot deposit on the glass of the door and in the chimney. Never close the air inlets when the fuel is burning. Always keep the secondary air inlet and air wash inlet open by setting the control lever somewhere in-between the center position and the far left position.



Continuous firing with the primary air inlet fully open (control lever in the far right position) causes a white-hot fire that can damage the appliance. Use the primary air only during the first fuel load and for ignition of a new fuel load.

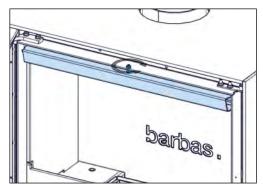
#### 6.3.4 Increase the flue draught



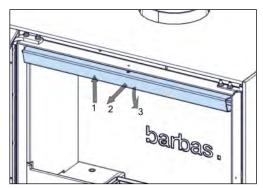
**Warning:** Do the procedure hereunder when you have made sure the appliance has cooled down and there are no glowing embers.

A low flue draught is caused by too much flow resistance. This causes insufficient flow of the flue gas in the chimney. Do the next steps to decrease the flow resistance

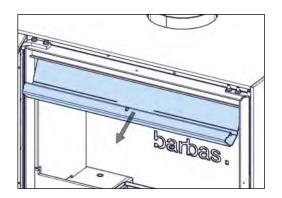
1. Loosen the nut above the heat shield with a 3 mm hexagonal key and a 10 mm fork spanner. Unscrew the socket screw. Make sure the nut stays attached to the socket screw.



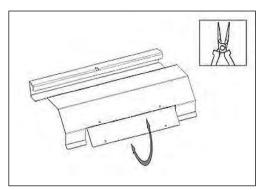
2. Push up (1) the front of the heat shield and pull it forward (2) and move downward to a vertical position (3).



3. Remove the upper baffle from the appliance.



4. Remove the break strip from the baffle with a pair of pliers.



5. Do the steps 1 to 3 in opposite order to put the upper baffle in the appliance

#### 6.3.5 General firing tips

- The appliance works best when it has heated up as described in chapter 6.3.1. Insufficient heating up leads to a low chimney draught, black deposits on the glass and incomplete combustion. Good combustion is recognized by bright orange flames, invisible smoke and no soot deposits on the glass. Use the control lever to get good combustion. Refer to 5.1 for advice on the required fuel quality.
- Make sure the door of the appliance is closed when in use. Only open the door for ignition and to refuel.
- Do not remove all the ashes. An ash layer in the combustion chamber forms a heat insulating layer, that helps the fuel to ignite easy.
- Do not set the control lever in the far left position (all combustion air inlets closed) when the appliance is used. This will cause severe smoke development, soot formation and increases the chance of a chimney fire.
- After the first load, do not overload the appliance with fuel. Refer to *5.2* for the recommended amount of fuel. Too much fuel leads to incomplete combustion, soot formation and a chance of a chimney fire.

## 7 Maintenance

# Maintenance schedule



Clean the glass when it is dirty. If the glass is not cleaned when it is dirty the glass can become permanently dull.

#### Table 2: Maintenance schedule

Task	Frequency	Procedure
Remove the ashes	When necessary	Refer to section 7.2
Clean the glass	When necessary	Refer to section 7.3
Maintenance by your fitter	Yearly	Refer to your dealer
Chimney sweep	Yearly (or more often when necessary)	Refer to the Installation and maintenance manual
Appliance inspection	Yearly	Refer to the Installation and maintenance manual

#### 7.2 Remove the ashes

- 1. Make sure that the appliance has cooled down and there are no glowing embers.
- 2. Remove the ashes with a small scoop.
- 3. Lift the grate with the operating hook and remove the grate.
- 4. Remove the ashtray and empty it.
- 5. Make sure there are no ashes in the space under the ash tray. Remove these ashes when necessary.
- 6. Put the ash tray back in the appliance.
- 7. Put the grate back in the appliance.

#### 7.3 Clean the glass

- 1. Make sure the appliance has cooled down and there are no glowing embers in the combustion chamber.
- 2. To avoid any up swirl of ashes during cleaning, remove the ashes from the appliance.
- 3. Clean the glass with a soft cloth, a sponge or paper. Use glass cleaner or ceramic hob cleaner.
- 4. Make sure that the glass is dry. Water droplets can leave a mark on the glass.



#### Note:

Damaged or broken glass must be replaced before the appliance can be used again.

<sup>7.1</sup> 

## 8 Troubleshooting

#### Table 3: Troubleshooting

Problem	Possible cause	Possible solution
Chimney fire (recognized by a roaring sound in the chimney)	Ignition of soot and tar deposits in the chimney.	<ul> <li>Set the control lever in the far left position.</li> <li>Call the emergency services. (112)</li> <li>Put out the fire in the appliance with sand.</li> <li>Warning: Never use water to put out the fire.</li> <li>Ventilate the house.</li> <li>After the chimney has been extinguished, sweep the chimney and inspect for damage.</li> <li>Sweep the chimney minimum once a year by a certified chimney sweep.</li> </ul>
The wood logs do not ignite	The moisture content of the wood logs is too high	<ul> <li>Use dried wood logs with a moisture content of 10 - 20 %.</li> <li>Use wood briquettes</li> </ul>
	The combustion chamber is not warm enough	<ul> <li>Do the recommended ignition procedure. Refer to chapter 6.3.1.</li> <li>Use the recommended amount of fuel. Refer to chapter 5.2.</li> </ul>
The wood logs burn too fast	Primary air inlet is open.	Close the primary air supply. Adjust the amount of secondary air and air wash with the control lever. Refer to chapter $6.3.3$ .
	The chimney draught is too high	<ul> <li>Reduce the amount of secondary air and airwash with the control lever. Refer to chapter 6.3.3</li> <li>Contact your installer.</li> </ul>
The temperature of the room does not rise sufficient	The fuel amount is too low	Use the recommended amount of fuel. Refer to chapter <i>5.2</i> .
	The chimney draught is too high	Contact your installer.
Excessive smoke escapes when the door of the combus- tion chamber is open	The chimney draught is too low	<ul> <li>Do the recommended ignition procedure. Refer to chapter 6.3.1.</li> <li>Remove the break out strip from the upper baffle. Refer to chapter 6.3.4.</li> <li>Contact your installer.</li> </ul>

Problem	Possible cause	Possible solution
The glass becomes black	The combustion chamber is not hot enough	<ul> <li>Use the recommended amount of fuel. Refer to chapter <i>5.2</i>.</li> <li>Increase the amount of combustion air with the control lever. Refer to chapter <i>6.3.3</i>.</li> <li>Put the wood logs diagonally and as wide as possible on the combustion chamber floor.</li> </ul>
	The moisture content of the wood logs is too high	<ul> <li>Use dried wood logs with a moisture content of 10 - 20 %.</li> <li>Use wood briquettes</li> </ul>
	The seal around the door is damaged	Contact your dealer.
Some cold air flows out from the front of the appliance when the appliance is not in use.	The valve in the external combustion air supply line is missing or is open.	Close the valve in the external combustion air supply line.
	The underpressure in the in- stallation room is too high	Reduce the underpressure, for ex- ample by opening a ventilation opening in the installation room.

# barbas.

## 9 Tech

## Technical data

Name	Barbas
Model	<ul> <li>BOX 20 75</li> <li>BOX 20 75 with wood log storage module</li> </ul>
Tested in accordance with	EN 13240:2001-A2:2004 EN 16510-1 annex D, E, F
Energy efficiency index (according EU 2015/1186)	99
Energy efficiency class	A
Fuel	<ul><li>Wood logs</li><li>Wood briquettes (without binder)</li></ul>
Nominal fuel load	3.3 kg
Nominal heat output (net)	13 kW
Minimum heat output (net)	9 kW
Useful efficiency (Net Calorific Value (NCV)) at nominal heat output	75 %
Useful efficiency (Net Calorific Value (NCV)) at minimum heat output (indicative)	80 %
Indirect heating function	No
Room sealed	No
The specific precautions that shall be taken when the local space heater is assembled, in- stalled or maintained, are listed in the attached documents:	<ul> <li>Installation and maintenance manual</li> <li>User manual</li> </ul>

## 10 Warranty Terms

#### **Barbas Bellfires Warranty Terms**

Barbas Bellfires B.V. guarantees the quality of the supplied Barbas appliance and the quality of the materials used. All Barbas appliances are developed and manufactured according to the highest possible quality standards. If, despite all this, something should prove amiss with the Barbas appliance you have purchased, Barbas Bellfires B.V. offers the following manufacturer's warranty.

#### Article 1: Warranty

- 1. If Barbas Bellfires B.V. determines that the Barbas appliance you have purchased is defective as a result of a flaw in the construction or material, Barbas Bellfires B.V. guarantees to repair or replace the appliance free of charge, without charging any costs for labor or spare parts.
- 2. Repair or replacement of the Barbas appliance will be undertaken by Barbas Bellfires B.V. or by a Barbas dealer as designated by Barbas Bellfires B.V.
- 3. This warranty is supplementary to the existing legal national warranty of Barbas dealers and Barbas Bellfires B.V. in the country of purchase and is not intended to restrict your rights and claims based on the applicable legal provisions.

#### Article 2: Warranty conditions

- 1. Should you wish to claim under the warranty, please contact your Barbas dealer.
- 2. Complaints should be reported as quickly as possible after they have manifested themselves.
- 3. Complaints will only be accepted if they are reported to the Barbas dealer, together with the serial number of the Barbas appliance which is stated on the front of the manual.
- 4. In addition, the original receipt (invoice, receipt, cash receipt) showing the date of purchase must also be submitted.
- 5. Repairs and replacements during the warranty period do not give any entitlement to an extension of the warranty period. After a repair or replacement of warranty parts, the warranty period shall be deemed to have started on the date of purchasing the Barbas appliance.
- 6. If a certain part is eligible for the warranty and the original part is no longer available, Barbas Bellfires B.V. shall ensure that an alternative part of at least the same quality shall be provided.

#### Article 3: Warranty exclusions

- 1. The warranty on the Barbas appliance ceases to be in effect if:
  - a. it is not installed according to the supplied installation instructions, and to national and/or local regulations;
  - b. it has been installed, connected or repaired by a non-Barbas dealer;
  - c. it has not be used or maintained according to the instructions for use;
  - d. it has been changed, neglected or roughly treated;
  - e. it has been damaged as a result of external causes (outside the appliance itself), for example, lightning strike, water damage or fire;
- 2. In addition, the warranty lapses if the original purchase receipt shows any change, deletion, removal or if it is illegible.

#### Article 4: Warranty area

1. The warranty is only valid in those countries where Barbas appliances are sold through an official dealer network.

#### Article 5: Warranty period

- 1. This warranty will only be granted during the warranty period.
- 2. The body of the Barbas appliance is guaranteed for a period of 10 years against construction and/or material faults, starting from the moment of purchase.
- 3. For other parts of the Barbas appliance, a similar warranty applies from the moment of purchase for a period of two years.
- 4. For user parts such as glass, glass (cord) and the interior of the combustion chamber, a similar guarantee is given until after the first burning.

#### Article 6: Liability

- 1. A claim granted by Barbas Bellfires B.V. under this warranty does not automatically imply that Barbas Bellfires B.V. also accepts liability for any possible damage. The liability of Barbas Bellfires B.V. never extends further than that stated in these warranty conditions. Any liability of Barbas Bellfires B.V. for consequential damage is expressly excluded.
- 2. That stated in this provision is not valid if and to the extent that is derives from a mandatory provision.
- 3. All agreements entered into by Barbas Bellfires B.V. are, unless specifically stated otherwise in writing and to the extent that they are permitted based on applicable law, subject to the FME-CWM general sales and delivery conditions for the technology industry.

Barbas Bellfires B.V.

Hallenstraat 17 5531 AB Bladel

The Netherlands

Tel: +31-497339200

Email: info@Barbas.com

Carefully retain the user manual; it shows the serial number of the appliance. You will need this if you wish to claim under the warranty.



# barbas.

Your Barbas dealer

001 - 29.01.2021 -351384