

We hereby declare that this product meets all relevant criteria of the standard

EN 13240:2001/A2:2004/AC:2007-08, and has  marking affixed to it in accordance with Council Directive EU 305/2011.

Požega, 02.02.2018.



Plamen d.o.o.

HR-34000 Požega, Njemačka 36

Uređaj je predviđen za povremeno loženje.



11

Intermittent burning appliances.

EN 13240:2001/A2:2004/AC:2007-08

Peć na kruta goriva

Roomheaters fired by solid fuel

Tip/Typ: **Amity 3**

Minimalna udaljenost od zapaljivih materijala:

Minimum distance to adjacent combustible materials: [mm]

Ispred/front: **1000** Bočno/side: **400** Straga/back: **400** Iznad/top: **1000**

Koncentracija CO svedenih na 13%O₂:

Emission of CO in combustion products calc. to 13%O₂: **0,07 [%]**

Temperatura dimnih plinova: *Flue gas temperature:* **244 [°C]**

Nazivna snaga: *Nominal output:* **8 [kW]**

Stupanj iskorištenja (gorivo): *Energy efficiency (fuel):* **80,9 [%]**

Drvo *Wood*

Tvornički broj: *Serial No:*

Proučite uputstvo za uporabu.

Koristite preporučena goriva.

Read and follow the operating instructions.

Use only recommended fuels.

Gore spomenute vrijednosti vrijede samo u ispitnim uvjetima.

The above mentioned values are valid only in proof conditions.

Zemlja podrijetla: R. Hrvatska

Made in Croatia

Godina proizvodnje/year of production:

Broj Izjave o svojstvima/Number of the DoP: 0032-CPR-2018/03/01

Broj laboratorija za testiranje/Number of the notified test laboratory: NB 1015

Uređaj ne može biti korišten sa zajedničkim dimnjakom.

Do not use the appliance in a shared flue.

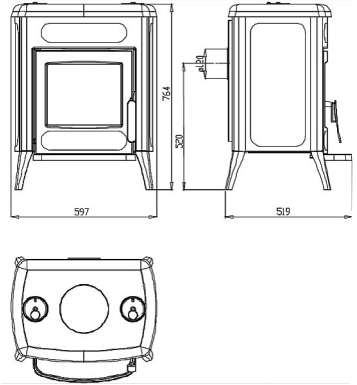
Amity 3 is designed according to the latest designer trends distinguished by its simple, yet modern straight lines which make it suitable for all kinds of spaces. The stove is made of high-quality cast iron, colored in black temperature-resistant color which adds to its attractiveness.

A big glazed door makes the complete firebox visible which gives a complete sensation of open fireplace. Its specific primary and secondary air supply allows the glass to remain completely clear throughout the heating season. The stove boasts with high efficiency and the fire does not have to be extinguished for days.

Please read the COMPLETE USER'S MANUAL in order to obtain the best possible results starting from the very first use.

TECHNICAL DATA:

DIMENSIONS W x H x D:	59,7x76,4x51,9 cm
WEIGHT:	128,5 kg
RATED OUTPUT:	8 kW
EXECUTION TO EN 13 240:	1a
FLUE CONNECTION – rear:	Ø120 mm
HEIGHT OF REAR FLUE CONN. – FROM THE FLOOR:	H=52 cm



INSTALLATION INSTRUCTIONS

Install the front plinth (162) as shown on the figure on the cover page. The chimney connection is located on the rear side. The upper and the lower chimney installments, and chimney installments are included in the package together with the stove itself. The ways of connecting the installments are shown on Illustration 2. We recommend the use of installment as shown on illustration b), figure 6, page 55. If you should use the installment mode as shown on illustration a), please pay attention that the connection is made with a slight elevation towards the chimney itself.

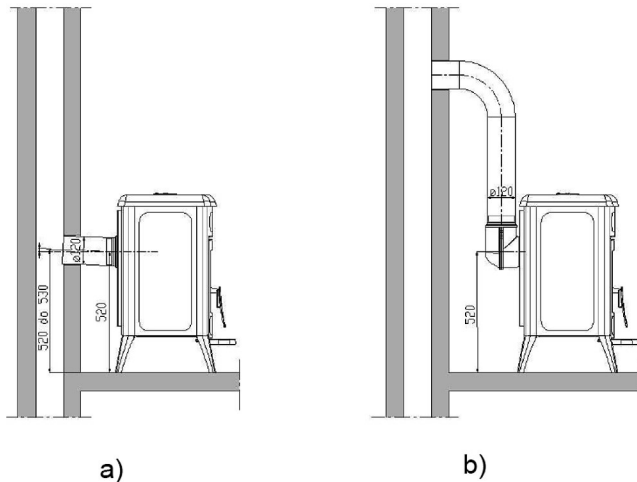


Figure 2

a)

b)

Ambient conditions

If the stove is to be installed in a room with combustible or heat sensitive flooring, a solid non-combustible floor protector is required under the stove. The floor protector should be dimensioned to extend at least 40 cm to the back and lateral sides and 60 cm to the front of the stove.

The minimum clearance between the stove (sides and rear) and materials sensitive to heat is 40 cm. The minimum clearance between the stove and materials sensitive to heat within the area directly exposed to heat in front of the stove shall be 120 cm.

The stove should be positioned on a level surface, in a room with sufficient fresh air supply to support the combustion. If an aspirator (range or fireplace hood) or any other air consuming device is installed in the same room, make sure to provide for regular inflow of fresh air through a separate opening protected with a clog-proof grid.

Chimney connection

For the connection to the chimney, ordinary (standard) stovepipes and elbows with incorporated damper are recommended.

Make sure that the stovepipe and elbow are tightly fastened together and that the connections of the stovepipe with the flue outlet and with the chimney outlet are firm and tight. The stovepipe shall not extend beyond the chimney liner, i.e. it must not protrude into the cross section of the chimney.

When installing the stove, relevant local, national and European regulations shall be strictly observed.

INSTRUCTIONS FOR USE

First firing

Given the fact that the stove is produced in cast iron, it is important to bear in mind that this particular material is sensitive to extreme temperature variations and that it could crack under uneven thermal load. Therefore, with first firing of the stove (at least 10 hours), burn moderate fire (charging should not be more than half the recommended amount of fuel for the rated power). Use newspapers and dry, smaller pieces of wood to start the fire.

IMPORTANT;

Prior to the first firing do not forget to place a layer of ash or sand on the lower firebox plate so that it covers the corrugated surface, but leave the basket cover free (position 178).

When cleaning, i.e. removing the ash, leave enough ash to keep the whole lower plate covered up until the corrugated surface level. This will add to the stove efficiency and continuous heating, as well as protect the lower plate.

The stove does not feature a classical roast; it has a basket cover which serves to facilitate the ash removal into the ashtray.

The ash does not have to be removed frequently if you use high-quality wood. It is important that you keep the ash level away from covering the primary air flow on the sides of the stove.

This type of product features high quality and fire does not have to be extinguished as long as you do not have to remove the piled-up ash.

Please, study the air regulation on the stove as described in the Manual under Firing and Normal Use and Power Regulation.

The stove is colored in thermally-resistant color which will start hardening with the first firing, resulting in characteristic odor and possible appearance of smoke, which is why it is important to keep the space well aired.

Warning! The paint might be damaged if the first firing is not at moderate heat.

Do not place any items on the stove at first firing and avoid touching the colored stove surfaces since this could cause damages on the still uncured color layers.

Suitable fuel

Amity 3 stove is designed to burn wood, i.e. the fuel having a low ash content such as beech, hornbeam and birch wood.

Use only well-seasoned dry wood with a humidity content not exceeding 20%, to reduce the likelihood of greasy soot (creosote) buildup, which may cause clogging of the chimney.

In the event of the use of wood briquettes keep in mind that having a higher calorific value and that the device can be damaged by overheating. Do not burn household waste, especially not any plastic material. Many waste materials contain substances that are harmful to the stove, the chimney and the environment.

Burning of such waste materials is prohibited by law.

Also, never burn chipboard waste, because chipboard contains glues which may cause overheating of the stove.

Recommended single fuel loads:

Logs (~33 cm long) 2 to 3 pieces approx. 2,5 - 3 kg/h

Excessive loads may cause the staining of the door glass.

Firing and regular operation

To start the fire, put a small amount of crumpled newspaper in the firebox. Over the paper, place dry kindling wood and then 2-3 small logs. Set the air supply controls on the top plate to closed position.

When firing the stove, it is recommendable to leave the firebox door ajar (for 4+5 min) to avoid steaming/staining of the glass. Never leave the stove unattended until bright active fire has developed.

Do not forget to open the top plate air supply controls and to close the door when the fire has blazed up. Avoid excessive single loads. It is recommendable to dispose the fuel in two layers upon the created basic ember.

During normal operation, the door should be closed except when reloading the fuel.

If you have a damper installed in the flue, keep it fully open until bright active fire has developed.

The stove is designed to keep the door glass always clean. The glass will stain only in case of poor combustion. Possible causes of poor combustion include:

- inadequate chimney design or condition
- reduced secondary air supply
- inadequate fuel
- excessive fuel loading
- The glass will also stain if the air supply controls are left closed overnight to maintain the fire. Therefore, never fully close the air supply controls but only to the extent as necessary to keep the glass clean and to have a warm stove with sufficient ember to restart the fire the next morning.

Besides, put 1 or 2 larger logs in the stove to burn slowly over the night.

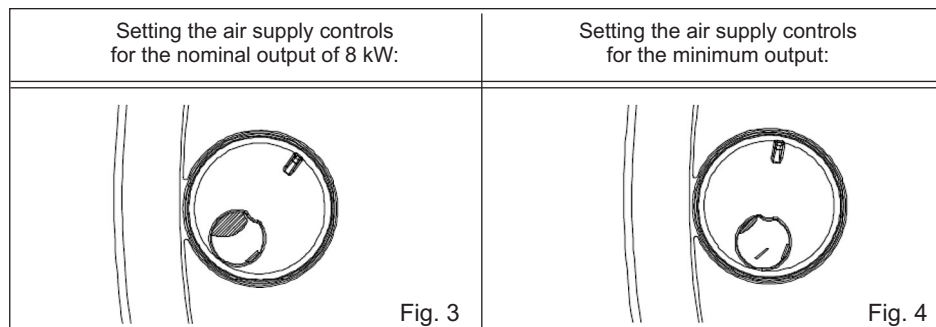
- Keep in mind that the stove surface is hot and the stove shall be operated only by adults.

USE PROTECTIVE GLOVE!

WARNING! Do not use alcohol and petrol or for ignition or re-ignition.

Output control

Certain experience is required for proper output adjustment, because it depends on various factors such as the underpressure within the chimney and the quality of the fuel. Read carefully our recommendations and instructions to learn how to operate your stove correctly. The output is controlled by means of primary air supply controls on the top plate. The stove output depends on the underpressure inside the chimney (draught). Excessive underpressure should be reduced by means of the flue damper, to ensure normal adjustment of the heat output by means of air controls. Certain experience is required for proper use of the air controls. Therefore, read carefully our instructions to learn how to operate your stove to achieve best performance.



Stove operation in transitional periods

During the transitional periods (when external temperature exceeds 15° C), problems may be encountered due to insufficient underpressure (poor or no draught). In such a case try to achieve necessary underpressure level by warming up the chimney. If this does not work, do not proceed with the firing. It is recommendable to open a window or a door of the room to equalize the internal and external air pressure.

Maintenance and cleaning

After each heating season, clean the stove, the flues and the chimney from soot deposits. Failure to perform regular control and cleaning increases the risk of fire in the chimney. If your chimney gets on fire, proceed as follows:

- do not use water to extinguish the fire
- close all air supplies to the stove and the chimney
- after having extinguished the fire, call the chimney sweeper to inspect the chimney
- call authorized service, i.e. the manufacturer to inspect the stove.

External surfaces of the stove are painted with heat resistant paint. After the paint has set completely (i.e. after the second or third firing), all such surfaces may be cleaned with a soft wet cloth.

The paint above the firebox may fade with time. These surfaces may be repainted with a heat resistant paint. Such paint is available in specialized stores.

The glass on the firebox door may be cleaned with ordinary window glass cleaner.

Should any problems occur during the operation (eg. smoke), contact your chimney sweeper or the closest authorized service. Only authorized persons may perform any interventions on the stove and only original spares shall be used.

It's used for cleaning enamel and painted parts using soap and water, non-abrasive or chemically non-aggressive detergents.

Warranty

The Manufacturer's warranty applies provided that the stove is used in accordance with these Installation and Operating Instructions.

Space heating capacities

The size of the heated place depends on the heating conditions and thermal insulation.

Subject to the heating conditions with individual heat sources having the rated output of 8 kW, it is possible to heat up the following space volumes:

under favourable conditions	160 m ³
under less favourable conditions	105 m ³
under unfavourable conditions	75 m ³

Occasional heating or heating at intervals should be considered as less favourable or even unfavourable heating conditions.

Chimney selection

Chimney dimensioning should be based on the following data:

Rated heating output	8	kW
Flue gas flow rate	9,1	g/s
Mean flue gas temperature	244	°C
Chimney negative pressure at nominal heat output	0,12	mbar
Chimney negative pressure at 0,8 nominal heat output	0,10	mbar

Remember:

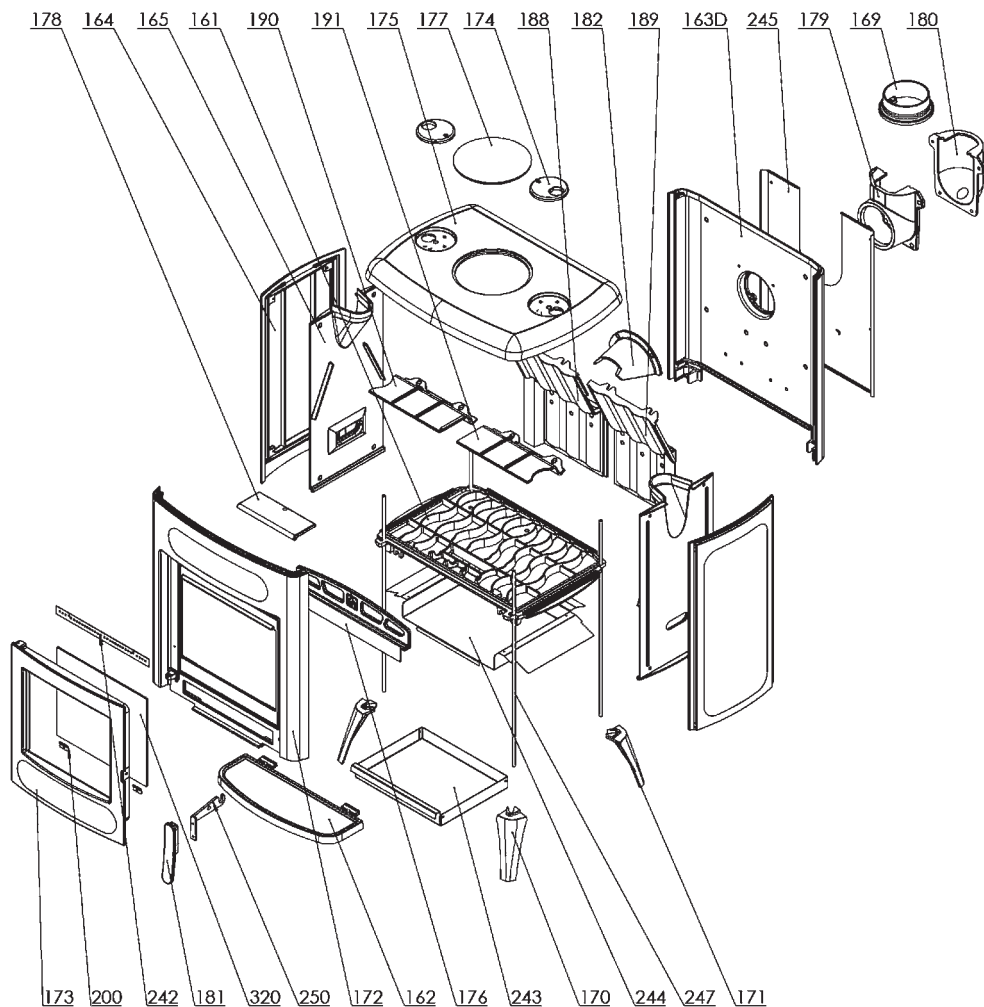
- When loading the stove, make sure to load a quantity of fuel that is most suitable in respect of the actual heating requirements.
- When adding fuel, it is advisable to keep the upper plate regulators closed.
- After reloading, set the air supply controls to a sufficiently open position until bright fire is developed. Only then, set the air control to the position corresponding to the desired heating output.
- Strictly observe these installation and operating instructions, paying special attention to setting the air controls to proper position to ensure clean (full) fuel combustion and clean glass.
- Install the stove in a room of adequate size to ensure that the rated output of the stove meets the heating requirements of the room.
- Avoid operation at minimum output. Over the night, leave the air supply controls open to the extent as necessary to have sufficient ember next morning to restart the fire with dry kindling wood and small logs.
- When cleaning the stove, i.e. removing the ash, leave enough ash so as to keep the upper plate covered up until the corrugated surface level which will add to the stove efficiency and protect the lower plate.

Spare parts - Accessories (Page 59, Figure 5):

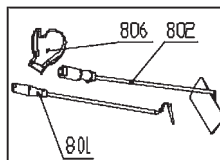
Item No.	Description	Denomination
161	Bottom Plate	AM-161
162	Front Plinth	AM-162
163D	Rear Panel	AM-163
164	Side Panel - external	AM-164
165	Inner Side Plate Insert	AM-165
169	Flue Connection Ø120	AM-169
170	Leg – right hand side	AM-170
171	Leg – left hand side	AM-171
172	Front Panel	AM-172
173	Glazed Door	AM-173
174	Air Flow Regulator	AM-174
175	Top Plate	AM-175
176	Glass Shield	AM-176
177	Round-shaped Cover Plate	AM-177
178	Basket Cover	AM-178
179	Flue Connection – lower	AM-179
180	Flue Connection - upper	AM-180
181	Handle	AM-181
182	Deflector	AM-182
188	Inner Rear Plate Insert – left hand side	AM-188
189	Inner Rear Plate Insert – right hand side	AM-189
190	Left divider	AM-190
191	Right divider	AM-191
200	Glass Bracket	
242	Secondary Air Flow Regulator	
243	Ashtray	
244	Ash Compartment Sheet	
245	Rear Shield	
247	Threaded Tightening Rod	AM-247
250	Firebox Door Handle	
320	Door glass	AM-320
	Accessories:	
801	Poker	
802	Cleaning Spatula	
806	Protective glove logo PLAMEN - red	

**THE MANUFACTURER RETAINS THE RIGHT TO ANY MODIFICATIONS
NOT AFFECTING THE FUNCTIONALITY AND SAFETY OF THE STOVE!**

Rezervni dijeovi - pribor; Ersatzteile - Zubehör; Spare parts - Accessories;
 Rezervní díly - příslušenství; Rezervni deli- pribor; Резервни делови - прибор;
 Części zamienne – akcesoria; Резервни части – аксесоари:

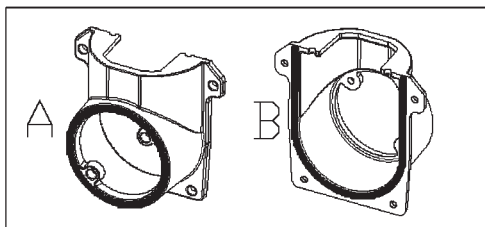
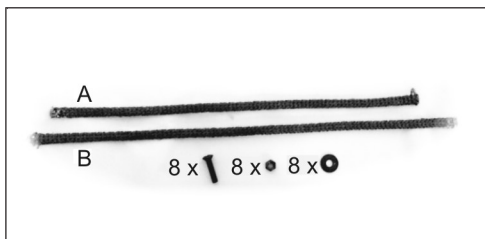


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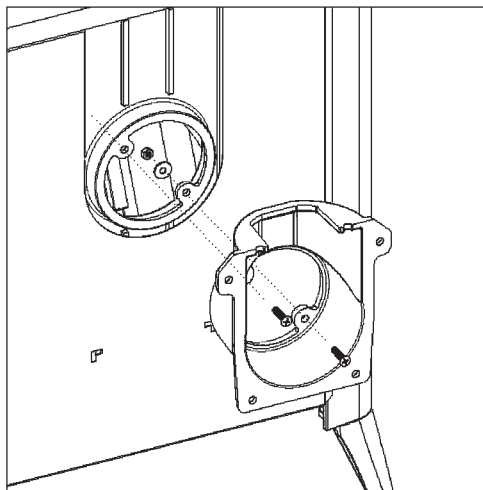


slika 5; Bild 5, Figure 5; Obrázek 5; Слика 5; Rysunek 5; Фигура 5

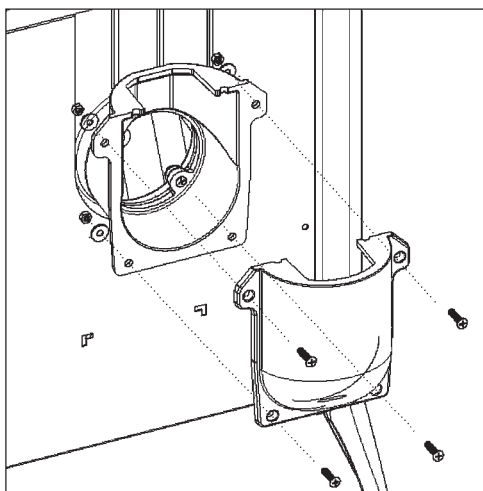
Vertikalni priključak; Vertikale Verbindung; Vertical connection; Vertikální spojení; Vertikalna poveza; Вертикални прикључак; Połączenie pionowe; Вертикална връзка; Vertikálne spojenie



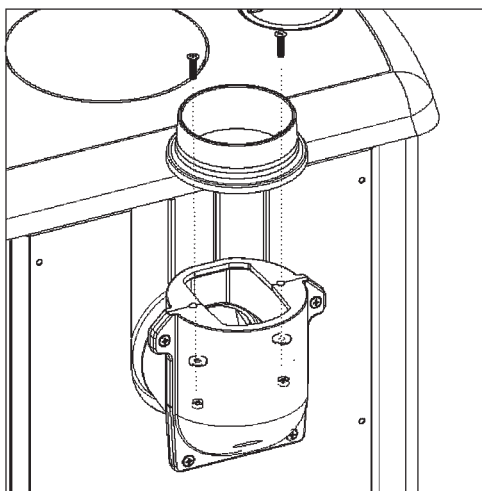
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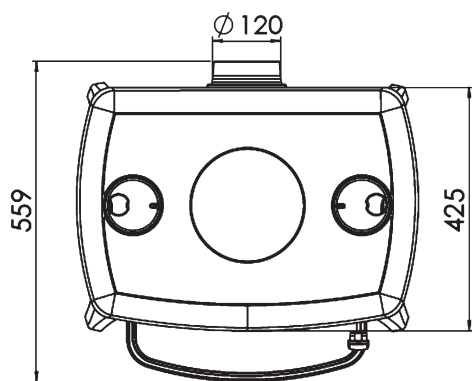
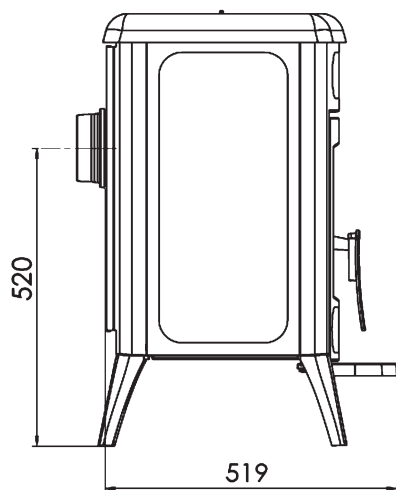
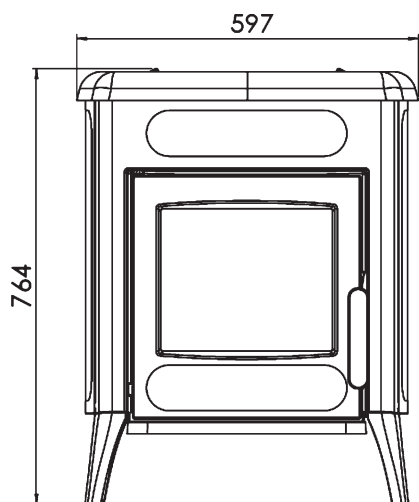
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Slika 6; Bild 6; Figure 6; Obrázek 6; Слика 6; Rysunek 6; Фигура 6; obrázok 6

Plamen

Amity 3





HR Podaci potrebni za uređaje za lokalno grijanje prostora na kruto gorivo
(UREDBA KOMISIJE (EU) 2015/1185)

DE Erforderliche Angaben zu Festbrennstoff-Einzelraumheizgeräten
(VERORDNUNG (EU) 2015/1185 DER KOMMISSION)

EN Information requirements for solid fuel local space heaters
(COMMISSION REGULATION (EU) 2015/1185)

FR Exigences d'informations applicables aux dispositifs de chauffage décentralisés à combustible solide
(RÈGLEMENT (UE) 2015/1185 DE LA COMMISSION)

Identifikacijska/identifikacijske oznaka/oznake modela: Modellkennung(en): Model identifier(s): Référence(s) du modèle:	<h2 style="margin: 0;">Amity 3</h2>		
Funkcija posrednog grijanja: Indirekte Heizfunktion: Indirect heating functionality: Fonction de chauffage indirect:	ne / nein / no / non		
Neposredna toplinska snaga: Direkte Wärmeleistung: Direct heat output: Puissance thermique directe:	kW	8,0	
Posredna toplinska snaga: Indirekte Wärmeleistung: Indirect heat output: Puissance thermique indirecte:	kW	-	
Gorivo/ Brennstoff/ Fuel/ Combustible	- Drveni trupci s udjelom vlage ≤ 25 % - Scheitholz, Feuchtigkeitsgehalt ≤ 25 % - Wood logs with moisture content ≤ 25 % - Bûches de bois ayant un taux d'humidité ≤ 25 %		
Sezonska energetska učinkovitost grijanja prostor: Der Raumheizungs-Jahresnutzungsgrad: The seasonal space heating energy efficiency: L'efficacité énergétique saisonnière pour le chauffage des locaux:	η_s	%	70,9
Emisije grijanja prostora pri nazivnoj toplinskoj snazi (*): Raumheizungs-Emissionen bei Nennwärmeleistung (*): Space heating emissions at nominal heat output (*): Émissions dues au chauffage des locaux à la puissance thermique nominale (*):	PM	mg/Nm^3 (13 % O ₂)	26
	OGC		69
	CO		918
	NO _x		130
Emisije grijanja prostora pri minimalnoj toplinskoj snazi(*): Raumheizungs-Emissionen bei Mindestwärmeleistung(*): Space heating emissions at minimum heat output (*): Émissions dues au chauffage des locaux à la puissance thermique minimale (*):	PM	mg/Nm^3 (13 % O ₂)	-
	OGC		-
	CO		-
	NO _x		-

Nazivna toplinska snaga: Nennwärme-leistung: Nominal heat output: Puissance thermique nominale:	P_{nom}	kW	8,0
Minimalna toplinska snaga (referentna): Mindestwärme-leistung (Richtwert): Minimum heat output (indicative): Puissance thermique minimale (indicative):	P_{min}	kW	n.p. N.A. N.A. n.d.
Iskoristivost pri nazivnoj toplinskoj snazi: Thermischer Wirkungsgrad bei Nennwärmeleistung: Useful efficiency at nominal heat output: Rendement utile à lapuissance thermique nominale:	$\eta_{th,nom}$	%	80,9
Iskoristivost pri minimalnoj toplinskoj snazi (referentna): Thermischer Wirkungsgrad bei Mindestwärme-leistung (Richtwert): Useful efficiency at minimum heat output (indicative): Rendement utile à la puissance thermique minimale (indicatif):	$\eta_{th,min}$	%	n.p. N.A. N.A. n.d.
Vrsta toplinske snage/regulacija sobne temperature: Art der Wärmeleistung/Raumtemperaturkontrolle: Type of heat output/room temperature control: Type de contrôle de la puissance thermique/de la température de la pièce:	- jednostupanjska predaja topline, bez regulacije sobne temperature - einstufige Wärmeleistung, keine Raumtemperaturkontrolle - single stage heat output, no room temperature control - contrôle de la puissance thermique à un palier, pas de contrôle de la température de la pièce		
Druge mogućnosti regulacije: Sonstige Regelungsoptionen: Other control options: Autres options de contrôle:	ne / nein / no / non		
Podaci za kontakt: Kontaktangaben: Contact details: Coordonnées de contact:	Plamen d.o.o. , Njemačka 36, 34000 Požega, Republika Hrvatska		

(* PM = čestične tvari, OGC = organski plinski spojevi, CO = ugljični monoksid, NO x = dušikovi oksidi.

(* PM = Staub, OGC = gasförmige organische Verbindungen, CO = Kohlenmonoxid, NO x = Stickoxide

(* PM = particulate matter, OGCs = organic gaseous compounds, CO = carbon monoxide, NO x = nitrogen oxides

(* PM= particules, COG = composés organiques gazeux, CO = monoxyde de carbone, NO x = oxydes d'azote.



HR	Zbrinjavanje otpada: Proizvod je zapakiran u ambalažu koja ne ugrožava okoliš i koja se može zbrinuti preko lokalnih mjesta za reciklažu. Za zbrinjavanje dotrajalog proizvoda kontaktirajte lokalno komunalno poduzeće ili reciklažno dvorište.
DE	Abfallentsorgung: Das Produkt ist in einer Verpackung eingepackt, die umweltfreundlich ist und an lokalen Recyclinghöfen entsorgt werden kann. Um Ihr altes Produkt zu entsorgen, wenden Sie sich an Ihr örtliches Versorgungsunternehmen oder den Recyclinghof.
EN	Waste management: The product is packaged in environmentally friendly packaging that can be disposed of through local recycling points. Contact your local utility company or recycling yard to dispose of your old product.
FR	Vertues écologiques: L'ustensile est emballé avec des matières totalement recyclables localement. Pour le recyclage de l'ustensile vous réferez aux législations locales sachant que le fonte est 100% recyclable.
CS	Nakládání s odpady: Výrobek je zabalen v ekologicky nezávadném obalu, který lze vyhodit do kontejnerů na tříděný odpad. Pokud chcete starý výrobek zlikvidovat, obraťte se na místní komunální služby nebo recyklační dvůr.
SK	Nakladanie s odpadmi: Produkt je zabalený v ekologickom balení, ktorý môžete zlikvidovať prostredníctvom miestnych recyklačných bodov. K likvidácii vášho starého produktu kontaktujte miestny úrad alebo recyklačnú spoločnosť.
PL	Gospodarka odpadami: Produkt pakowany jest w opakowania przyjazne dla środowiska, które mogą być utylizowane w lokalnych punktach recyklingu. W celu pozbycia się zużytego produktu należy skontaktować się z lokalnym zakładem utylizacji lub punktem recyklingu.
SL	Ravnanje z odpadki: Izdelek je pakiran v okolju prijazno embalažo, ki jo lahko odstranite na lokalnih reciklažnih mestih. Za odstranjevanje starega izdelka se obrnite na lokalno komunalno podjetje ali podjetje za recikliranje.
BG	Управление на отпадъците: Продукта е опакован в безопасна за околната среда опаковка, която може да бъде изхвърлена или предадена на местно съоръжение за рециклиране. Свържете се с местната компания за обработка и рециклиране на отпадъци за да изхвърлите стария си продукт.
EL	Διαχείριση των αποβλήτων: Το προϊόν συσκευάζεται σε φιλική προς το περιβάλλον συσκευασία που μπορεί να απορριφθεί σε τοπικά σημεία ανακύκλωσης. Επικοινωνήστε με την τοπική εταιρεία κοινής ωφελείας ή την αυλή ανακύκλωσης για να απορριψετε το παλιό σας προϊόν.
RO	Gestionarea deșeurilor: Produsul este ambalat în ambalaje ecologice care pot fi eliminate prin punctele locale de reciclare. Contactați compania locală de servicii publice sau centrul de reciclare pentru a elimina vechiul dvs. produs.
SV	Avfallshantering: Produkten är förpackad i en miljövänlig förpackning som kan kasseras genom på återvinningsstationer. Kontakta ditt lokala elföretag eller återvinningsanläggning för att kassera din gamla produkt.
ES	Gestión de embalajes: El producto está empaquetado en un embalaje ecológico que puede ser reciclado en los puntos de reciclaje habituales y previstos de su localidad. Póngase en contacto con su compañía a local de servicios o con un centro de reciclaje para deshacerse del utensilio antiguo.
IT	Gestione dei rifiuti: Il prodotto è confezionato in imballaggi ecocompatibili che possono essere smaltiti tramite i punti di riciclaggio locali. Contattare la società di servizi locali o il centro di riciclaggio per smaltire il vecchio prodotto.
ET	Jäätmehooldus: Toode on pakendatud keskkonnasäästlikku pakendisse, mille saab kõrvaldada kohalike kogumispunktide kaudu. Vana toote kõrvaldamiseks pöörduge kohaliku kommunaalteenitötte või ringlussevõtutehase poole.
FI	Jätteenkäsittely: Tuote on pakattu ympäristövastävälliseen pakkaukseen, joka voidaan hävittää paikallisen kierrätyspisteen kautta. Ota yhteyttä paikalliseen yleishyödylliseen laitokseen tai kierrätyskeskukseen vanhan tuotteesi hävittämiseksi.
MK	Како да го отстраните производот: Производот е спакуван во еколошко пакување што може да се отстрани во некој од локалните пунктови за рециклирање. Контактирајте ја вашата локална комунална компанија или отпад за рециклирање за да го отстраните стариот производ.
SR	Управљање отпадом: Производ је пакован у амбалажу која не угрожава околиш и која се може одложити на локалним рециклажним местима. Обратите се локалном комуналном предузећу или рециклажном дворишту да бисте одложили стари производ.
RU	Удаление и переработка отходов: Изделие упаковано в экологически чистую упаковку, которую можно утилизировать через местные пункты переработки. Обратитесь в местную коммунальную компанию или утилизационный склад, чтобы избавиться от Вашего старого изделия.
SQ	Menaxhimi i mbetjeve: Produkti është i paketuar me ambalazh miqësor me mjedisin, i cili mund të hidhet përmes pikave lokale të riciklimit. Kontaktoni një kompani vendore ose shërbimet e riciklimit për të hedhur produktin tuaj të vjetër.