

Datenblatt in Anlehnung an VO(EU) 2015/1189
(Anforderungen an die umweltgerechte Gestaltung von Festbrennstoffkesseln)

Produktbereich: [keine Brennwertkessel; keine Kombiheizgeräte] **SCHEITHOLZKESSEL**

Name oder Warenzeichen des Lieferanten: Fröling Heizkessel- und Behälterbau Ges.m.b.H.

| Modellkennung des Lieferanten | Nennwärmeleistung P_r kW | Raumheizungs-Jahres-nutzungsgrad η_s % | Raumheizungs-Jahres-Emission von Staub PM mg/m ³ | Raumheizungs-Jahres-Emission von gasförmigen organischen Verbindungen OGC mg/m ³ | Raumheizungs-Jahres-Emission von Kohlenmonoxid CO mg/m ³ | Raumheizungs-Jahres-Emission von Stickstoffoxiden NOx mg/m ³ | Empfohlenes Pufferspeichervolumen l | |
|-------------------------------|---|---|---|---|---|---|--|--|
| Serie: | | S1 Turbo | | | | | [Manuell] | |
| S1 Turbo 15 | 15 | 80 | 11 | 6 | 46 | 152 | 1000 | |
| | Eigenschaften beim ausschließlichen Betrieb mit dem bevorzugten Brennstoff: | | | | | | | |
| | P_n / P_p - kW | η_n / η_p - % | $\eta_{el,n}$ - % | el_{max}/el_{min} - kW | P_{SB} - kW | | | |
| | 15,0 | 83,3 | N.A. | 0,041 | 0,003 | | | |
| | N.A. | N.A. | N.A. | N.A. | | | | |
| S1 Turbo 20 | 20 | 80 | 12 | 7 | 39 | 143 | 1250 | |
| | Eigenschaften beim ausschließlichen Betrieb mit dem bevorzugten Brennstoff: | | | | | | | |
| | P_n / P_p - kW | η_n / η_p - % | $\eta_{el,n}$ - % | el_{max}/el_{min} - kW | P_{SB} - kW | | | |
| | 20,0 | 83,0 | N.A. | 0,042 | 0,003 | | | |
| | N.A. | N.A. | N.A. | N.A. | | | | |
| Serie: | | S3 Turbo | | | | | [Manuell] | |
| S3 Turbo 20 | 20 | 79 | 15 | 14 | 202 | 188 | 1700 | |
| | Eigenschaften beim ausschließlichen Betrieb mit dem bevorzugten Brennstoff: | | | | | | | |
| | P_n / P_p - kW | η_n / η_p - % | $\eta_{el,n}$ - % | el_{max}/el_{min} - kW | P_{SB} - kW | | | |
| | 20,0 | 82,4 | N.A. | 0,063 | 0,006 | | | |
| | N.A. | N.A. | N.A. | N.A. | | | | |
| S3 Turbo 30 | 30 | 80 | 14 | 7 | 126 | 171 | 1700 | |
| | Eigenschaften beim ausschließlichen Betrieb mit dem bevorzugten Brennstoff: | | | | | | | |
| | P_n / P_p - kW | η_n / η_p - % | $\eta_{el,n}$ - % | el_{max}/el_{min} - kW | P_{SB} - kW | | | |
| | 30,0 | 83,5 | N.A. | 0,051 | 0,006 | | | |
| | N.A. | N.A. | N.A. | N.A. | | | | |
| S3 Turbo 40 | 40 | 81 | 16 | 3 | 94 | 165 | 3000 | |
| | Eigenschaften beim ausschließlichen Betrieb mit dem bevorzugten Brennstoff: | | | | | | | |
| | P_n / P_p - kW | η_n / η_p - % | $\eta_{el,n}$ - % | el_{max}/el_{min} - kW | P_{SB} - kW | | | |
| | 40,0 | 84,6 | N.A. | 0,053 | 0,006 | | | |
| | N.A. | N.A. | N.A. | N.A. | | | | |
| S3 Turbo 45 | 45 | 82 | 19 | 5 | 112 | 172 | 3000 | |
| | Eigenschaften beim ausschließlichen Betrieb mit dem bevorzugten Brennstoff: | | | | | | | |
| | P_n / P_p - kW | η_n / η_p - % | $\eta_{el,n}$ - % | el_{max}/el_{min} - kW | P_{SB} - kW | | | |
| | 45,0 | 85,3 | N.A. | 0,066 | 0,006 | | | |
| | N.A. | N.A. | N.A. | N.A. | | | | |

| Modellkennung des Lieferanten | Nennwärmeleistung | Raumheizungs-Jahresnutzungsgrad | Raumheizungs-Jahres-Emission von Staub | Raumheizungs-Jahres-Emission von gasförmigen organischen Verbindungen OGC | Raumheizungs-Jahres-Emission von Kohlenmonoxid | Raumheizungs-Jahres-Emission von Stickstoffoxiden | Empfohlenes Puffer-speicher-volumen |
|-------------------------------|---|---------------------------------|--|---|--|---|-------------------------------------|
| | P_r | η_s | PM | OGC | CO | NO _x | l |
| | kW | % | mg/m ³ | mg/m ³ | mg/m ³ | mg/m ³ | |
| Serie: | | S4 Turbo | | | | [Manuell] | |
| S4 Turbo 22 | 22 | 78 | 17 | 3 | 82 | 143 | 2000 |
| | Eigenschaften beim ausschließlichen Betrieb mit dem bevorzugten Brennstoff: | | | | | | |
| | P_n / P_p - kW | η_n / η_p - % | $\eta_{el,n}$ - % | el_{max}/el_{min} - kW | P_{SB} - kW | | |
| | 22,0 | 82,1 | N.A. | 0,047 | 0,010 | | |
| | N.A. | N.A. | N.A. | N.A. | | | |
| S4 Turbo 28 | 28 | 79 | 21 | 4 | 24 | 171 | 2000 |
| | Eigenschaften beim ausschließlichen Betrieb mit dem bevorzugten Brennstoff: | | | | | | |
| | P_n / P_p - kW | η_n / η_p - % | $\eta_{el,n}$ - % | el_{max}/el_{min} - kW | P_{SB} - kW | | |
| | 28,0 | 83,4 | N.A. | 0,101 | 0,014 | | |
| | N.A. | N.A. | N.A. | N.A. | | | |
| S4 Turbo 34 | 34 | 81 | 18 | 4 | 21 | 122 | 2000 |
| | P_n / P_p - kW | η_n / η_p - % | $\eta_{el,n}$ - % | el_{max}/el_{min} - kW | P_{SB} - kW | | |
| | 34,0 | 84,1 | N.A. | 0,055 | 0,014 | | |
| | N.A. | N.A. | N.A. | N.A. | | | |
| S4 Turbo 40 | 40 | 82 | 20 | 3 | 33 | 114 | 3000 |
| | Eigenschaften beim ausschließlichen Betrieb mit dem bevorzugten Brennstoff: | | | | | | |
| | P_n / P_p - kW | η_n / η_p - % | $\eta_{el,n}$ - % | el_{max}/el_{min} - kW | P_{SB} - kW | | |
| | 40,0 | 84,4 | N.A. | 0,055 | 0,014 | | |
| | N.A. | N.A. | N.A. | N.A. | | | |
| S4 Turbo 50 | 50 | 81 | 19 | 3 | 50 | 143 | 3000 |
| | Eigenschaften beim ausschließlichen Betrieb mit dem bevorzugten Brennstoff: | | | | | | |
| | P_n / P_p - kW | η_n / η_p - % | $\eta_{el,n}$ - % | el_{max}/el_{min} - kW | P_{SB} - kW | | |
| | 50,0 | 85,4 | N.A. | 0,109 | 0,012 | | |
| | N.A. | N.A. | N.A. | N.A. | | | |
| S4 Turbo 60 | 60 | 81 | 17 | 3 | 66 | 171 | 3750 |
| | P_n / P_p - kW | η_n / η_p - % | $\eta_{el,n}$ - % | el_{max}/el_{min} - kW | P_{SB} - kW | | |
| | 60,0 | 86,3 | N.A. | 0,162 | 0,010 | | |
| | N.A. | N.A. | N.A. | N.A. | | | |

Messungen und Berechnungen gemäß VO(EU) 2015/1189 und FprEN 303-5

Emissionen in mg/m³ im Scheitholzbetrieb

[Stückholz, Wassergehalt M25 nach EN ISO 17225-5]

| | |
|--|-------------|
| Raumheizungs-Jahresnutzungsgrad (η_s) | ≥ 78 % |
| Raumheizungs-Jahresemissionen von Staub (PM) | ≤ 45 |
| Raumheizungs-Jahresemissionen von gasförmigen org. Verbindungen (OGC) | ≤ 30 |
| Raumheizungs-Jahresemissionen von Kohlenmonoxid (CO) | ≤ 530 |
| Raumheizungs-Jahres-Emissionen von Stickstoffoxiden (NO _x) | ≤ 200 |
| Emissionswerte bezogen auf trockenes Abgas im Normzustand (0°C, 1013 mbar) und 10 Vol.-% Sauerstoff. | |

Podatkovni list temelji na uredbi Komisije (EU) 2015/1189
(Zahteve za okolju prijazno zasnovano kotlov na trda goriva)

Območje izdelka: [ne kondenzacijski kotel; ne kombinirani kotel]

Drva kotel

Ime ali blagovna znamka dobavitelja:

Fröling Heizkessel- und Behälterbau Ges.m.b.H.

| Identifikator modela dobavitelja | nazivna izhodna toplotna moč ali | sezonska energijska učinkovitost pri ogrevanju prostorov ali | sezonske emisije prahu iz ogrevanja prostorov | sezonske emisije plinastih organskih spojin iz ogrevanja prostorov OGC | sezonske emisije ogljikovega monoksida iz ogrevanja prostorov | sezonske emisije dušikovega oksida zaradi ogrevanja prostorov | Priporočena zmogljivost skladiščenja | |
|----------------------------------|--|--|---|--|---|---|--------------------------------------|--|
| | Pr kW | η_s % | PM mg/m ³ | mg/m ³ | CO mg/m ³ | NOx mg/m ³ | l | |
| Serija: | | S1 Turbo | | | | [ročno] | | |
| S1 Turbo 15 | 15 | 80 | 11 | 6 | 46 | 152 | 1000 | |
| | Značilnosti pri delovanju samo z osnovnim gorivom: | | | | | | | |
| | P_n / P_p - kW | η_n / η_p - % | $\eta_{el,n}$ - % | $e_{l,max}/e_{l,min}$ - kW | P_{SB} - kW | | | |
| | 15,0 | 83,3 | N.A. | 0,041 | 0,003 | | | |
| | N.A. | N.A. | N.A. | N.A. | | | | |
| S1 Turbo 20 | 20 | 80 | 12 | 7 | 39 | 143 | 1250 | |
| | Značilnosti pri delovanju samo z osnovnim gorivom: | | | | | | | |
| | P_n / P_p - kW | η_n / η_p - % | $\eta_{el,n}$ - % | $e_{l,max}/e_{l,min}$ - kW | P_{SB} - kW | | | |
| | 20,0 | 83,0 | N.A. | 0,042 | 0,003 | | | |
| | N.A. | N.A. | N.A. | N.A. | | | | |
| Serija: | | S3 Turbo | | | | [ročno] | | |
| S3 Turbo 20 | 20 | 79 | 15 | 14 | 202 | 188 | 1700 | |
| | Značilnosti pri delovanju samo z osnovnim gorivom: | | | | | | | |
| | P_n / P_p - kW | η_n / η_p - % | $\eta_{el,n}$ - % | $e_{l,max}/e_{l,min}$ - kW | P_{SB} - kW | | | |
| | 20,0 | 82,4 | N.A. | 0,063 | 0,006 | | | |
| | N.A. | N.A. | N.A. | N.A. | | | | |
| S3 Turbo 30 | 30 | 80 | 14 | 7 | 126 | 171 | 1700 | |
| | Značilnosti pri delovanju samo z osnovnim gorivom: | | | | | | | |
| | P_n / P_p - kW | η_n / η_p - % | $\eta_{el,n}$ - % | $e_{l,max}/e_{l,min}$ - kW | P_{SB} - kW | | | |
| | 30,0 | 83,5 | N.A. | 0,051 | 0,006 | | | |
| | N.A. | N.A. | N.A. | N.A. | | | | |
| S3 Turbo 40 | 40 | 81 | 16 | 3 | 94 | 165 | 3000 | |
| | Značilnosti pri delovanju samo z osnovnim gorivom: | | | | | | | |
| | P_n / P_p - kW | η_n / η_p - % | $\eta_{el,n}$ - % | $e_{l,max}/e_{l,min}$ - kW | P_{SB} - kW | | | |
| | 40,0 | 84,6 | N.A. | 0,053 | 0,006 | | | |
| | N.A. | N.A. | N.A. | N.A. | | | | |
| S3 Turbo 45 | 45 | 82 | 19 | 5 | 112 | 174 | 3000 | |
| | Značilnosti pri delovanju samo z osnovnim gorivom: | | | | | | | |
| | P_n / P_p - kW | η_n / η_p - % | $\eta_{el,n}$ - % | $e_{l,max}/e_{l,min}$ - kW | P_{SB} - kW | | | |
| | 45,0 | 85,3 | N.A. | 0,066 | 0,006 | | | |
| | N.A. | N.A. | N.A. | N.A. | | | | |

| Identifikator modela dobavitelja | nazivna izhodna toplotna moč ali | sezonska energijska učinkovitost pri ogrevanju prostorov ali | sezonske emisije prahu iz ogrevanja prostorov | sezonske emisije plinastih organskih spojin iz ogrevanja prostorov OGC | sezonske emisije ogljikovega monoksida iz ogrevanja prostorov | sezonske emisije dušikovega oksida zaradi ogrevanja prostorov | Priporočena zmogljivost skladiščenja |
|----------------------------------|--|--|---|--|---|---|--------------------------------------|
| | Pr kW | η_s % | PM mg/m ³ | mg/m ³ | CO mg/m ³ | NO _x mg/m ³ | l |
| Serija: S4 Turbo [ročno] | | | | | | | |
| S4 Turbo 22 | 22 | 78 | 17 | 3 | 82 | 143 | 2000 |
| | Značilnosti pri delovanju samo z osnovnim gorivom: | | | | | | |
| | P_n / P_p - kW | η_n / η_p - % | $\eta_{el,n}$ - % | el_{max}/el_{min} - kW | P_{SB} - kW | | |
| | 22,0 | 82,1 | N.A. | 0,047 | 0,010 | | |
| | N.A. | N.A. | N.A. | N.A. | | | |
| S4 Turbo 28 | 28 | 79 | 21 | 4 | 24 | 171 | 2000 |
| | Značilnosti pri delovanju samo z osnovnim gorivom: | | | | | | |
| | P_n / P_p - kW | η_n / η_p - % | $\eta_{el,n}$ - % | el_{max}/el_{min} - kW | P_{SB} - kW | | |
| | 28,0 | 83,4 | N.A. | 0,101 | 0,014 | | |
| | N.A. | N.A. | N.A. | N.A. | | | |
| S4 Turbo 34 | 34 | 81 | 18 | 4 | 21 | 122 | 2000 |
| | P_n / P_p - kW | η_n / η_p - % | $\eta_{el,n}$ - % | el_{max}/el_{min} - kW | P_{SB} - kW | | |
| | 34,0 | 84,1 | N.A. | 0,055 | 0,014 | | |
| | N.A. | N.A. | N.A. | N.A. | | | |
| S4 Turbo 40 | 40 | 82 | 20 | 3 | 33 | 114 | 3000 |
| | Značilnosti pri delovanju samo z osnovnim gorivom: | | | | | | |
| | P_n / P_p - kW | η_n / η_p - % | $\eta_{el,n}$ - % | el_{max}/el_{min} - kW | P_{SB} - kW | | |
| | 40,0 | 84,4 | N.A. | 0,055 | 0,014 | | |
| | N.A. | N.A. | N.A. | N.A. | | | |
| S4 Turbo 50 | 50 | 81 | 19 | 3 | 50 | 143 | 3000 |
| | Značilnosti pri delovanju samo z osnovnim gorivom: | | | | | | |
| | P_n / P_p - kW | η_n / η_p - % | $\eta_{el,n}$ - % | el_{max}/el_{min} - kW | P_{SB} - kW | | |
| | 50,0 | 85,4 | N.A. | 0,109 | 0,012 | | |
| | N.A. | N.A. | N.A. | N.A. | | | |
| S4 Turbo 60 | 60 | 81 | 17 | 3 | 66 | 171 | 3750 |
| | P_n / P_p - kW | η_n / η_p - % | $\eta_{el,n}$ - % | el_{max}/el_{min} - kW | P_{SB} - kW | | |
| | 60,0 | 86,3 | N.A. | 0,162 | 0,010 | | |
| | N.A. | N.A. | N.A. | N.A. | | | |

Meritve in izračuni v skladu z Uredbo Komisije 2015/1189 in FprEN 303-5

Emisije v mg/m³ v uporabi z drva

[Polena, vsebnost vlage ≤ 25 % po EN ISO 17225-5]

| | |
|--|--------|
| sezonska energijska učinkovitost pri ogrevanju prostorov (η_s) | ≥ 78 % |
| sezonske emisije prahu iz ogrevanja prostorov (PM) | ≤ 45 |
| sezonske emisije plinastih organskih spojin iz ogrevanja prostorov (OGC) | ≤ 30 |
| sezonske emisije ogljikovega monoksida iz ogrevanja prostorov (CO) | ≤ 530 |
| sezonske emisije dušikovega oksida zaradi ogrevanja prostorov (NO _x) | ≤ 200 |

Vrednosti emisij na osnovi suhih izpušnih plinov v normalnem stanju (0 ° C, 1013 mbar) in 10 vol.% kisika.

Data sheet inspired by Commission Regulation (EU) 2015/1189
(ecodesign requirements for solid fuel boilers)

Product range: [Non condensing boilers; no combination boilers]

Log Wood Boilers

Supplier's name or trademark::

Fröling Heizkessel- und Behälterbau Ges.m.b.H.

| Model identifier of the supplier | rated heat output | seasonal space heating energy efficiency | seasonal space heating emissions of particulate matter | seasonal space heating emissions of organic gaseous compounds | seasonal space heating emissions of carbon monoxide | seasonal space heating emissions of nitrogen oxides | Recommended buffer tank volume |
|----------------------------------|--|--|--|---|---|---|--------------------------------|
| | P_r | η_s | PM | OGC | CO | NOx | l |
| | kW | % | mg/m ³ | mg/m ³ | mg/m ³ | mg/m ³ | |
| Series: | | S1 Turbo | | | | [Manual] | |
| S1 Turbo 15 | 15 | 80 | 11 | 6 | 46 | 152 | 1000 |
| | Characteristics when operating with the preferred fuel only: | | | | | | |
| | P_n / P_p - kW | η_n / η_p - % | $\eta_{el,n}$ - % | el_{max}/el_{min} - kW | P_{SB} - kW | | |
| | 15,0 | 83,3 | N.A. | 0,041 | 0,003 | | |
| | N.A. | N.A. | N.A. | N.A. | | | |
| S1 Turbo 20 | 20 | 80 | 12 | 7 | 39 | 143 | 1250 |
| | Characteristics when operating with the preferred fuel only: | | | | | | |
| | P_n / P_p - kW | η_n / η_p - % | $\eta_{el,n}$ - % | el_{max}/el_{min} - kW | P_{SB} - kW | | |
| | 20,0 | 83,0 | N.A. | 0,042 | 0,003 | | |
| | N.A. | N.A. | N.A. | N.A. | | | |
| Series: | | S3 Turbo | | | | [Manual] | |
| S3 Turbo 20 | 20 | 79 | 15 | 14 | 202 | 188 | 1700 |
| | Characteristics when operating with the preferred fuel only: | | | | | | |
| | P_n / P_p - kW | η_n / η_p - % | $\eta_{el,n}$ - % | el_{max}/el_{min} - kW | P_{SB} - kW | | |
| | 20,0 | 82,4 | N.A. | 0,063 | 0,006 | | |
| | N.A. | N.A. | N.A. | N.A. | | | |
| S3 Turbo 30 | 30 | 80 | 14 | 7 | 126 | 171 | 1700 |
| | Characteristics when operating with the preferred fuel only: | | | | | | |
| | P_n / P_p - kW | η_n / η_p - % | $\eta_{el,n}$ - % | el_{max}/el_{min} - kW | P_{SB} - kW | | |
| | 30,0 | 83,5 | N.A. | 0,051 | 0,006 | | |
| | N.A. | N.A. | N.A. | N.A. | | | |
| S3 Turbo 40 | 40 | 81 | 16 | 3 | 94 | 165 | 3000 |
| | Characteristics when operating with the preferred fuel only: | | | | | | |
| | P_n / P_p - kW | η_n / η_p - % | $\eta_{el,n}$ - % | el_{max}/el_{min} - kW | P_{SB} - kW | | |
| | 40,0 | 84,6 | N.A. | 0,053 | 0,006 | | |
| | N.A. | N.A. | N.A. | N.A. | | | |
| S3 Turbo 45 | 45 | 82 | 19 | 5 | 112 | 174 | 3000 |
| | Characteristics when operating with the preferred fuel only: | | | | | | |
| | P_n / P_p - kW | η_n / η_p - % | $\eta_{el,n}$ - % | el_{max}/el_{min} - kW | P_{SB} - kW | | |
| | 45,0 | 85,3 | N.A. | 0,066 | 0,006 | | |
| | N.A. | N.A. | N.A. | N.A. | | | |

| Model identifier of the supplier | rated heat output | seasonal space heating energy efficiency | seasonal space heating emissions of particulate matter | seasonal space heating emissions of organic gaseous compounds | seasonal space heating emissions of carbon monoxide | seasonal space heating emissions of nitrogen oxides | Recommended buffer tank volume |
|----------------------------------|--|--|--|---|---|---|--------------------------------|
| | P_r | η_s | PM | OGC | CO | NO _x | l |
| | kW | % | mg/m ³ | mg/m ³ | mg/m ³ | mg/m ³ | |
| Series: | | S4 Turbo | | | | [Manual] | |
| S4 Turbo 22 | 22 | 78 | 17 | 3 | 82 | 143 | 2000 |
| | Characteristics when operating with the preferred fuel only: | | | | | | |
| | P_n / P_p - kW | η_n / η_p - % | $\eta_{el,n}$ - % | $e_{l,max}/e_{l,min}$ - kW | P_{SB} - kW | | |
| | 22,0 | 82,1 | N.A. | 0,047 | 0,010 | | |
| | N.A. | N.A. | N.A. | N.A. | | | |
| S4 Turbo 28 | 28 | 79 | 21 | 4 | 24 | 171 | 2000 |
| | Characteristics when operating with the preferred fuel only: | | | | | | |
| | P_n / P_p - kW | η_n / η_p - % | $\eta_{el,n}$ - % | $e_{l,max}/e_{l,min}$ - kW | P_{SB} - kW | | |
| | 28,0 | 83,4 | N.A. | 0,101 | 0,014 | | |
| | N.A. | N.A. | N.A. | N.A. | | | |
| S4 Turbo 34 | 34 | 81 | 18 | 4 | 21 | 122 | 2000 |
| | P_n / P_p - kW | η_n / η_p - % | $\eta_{el,n}$ - % | $e_{l,max}/e_{l,min}$ - kW | P_{SB} - kW | | |
| | 34,0 | 84,1 | N.A. | 0,055 | 0,014 | | |
| | N.A. | N.A. | N.A. | N.A. | | | |
| S4 Turbo 40 | 40 | 82 | 20 | 3 | 33 | 114 | 3000 |
| | Characteristics when operating with the preferred fuel only: | | | | | | |
| | P_n / P_p - kW | η_n / η_p - % | $\eta_{el,n}$ - % | $e_{l,max}/e_{l,min}$ - kW | P_{SB} - kW | | |
| | 40,0 | 84,4 | N.A. | 0,055 | 0,014 | | |
| | N.A. | N.A. | N.A. | N.A. | | | |
| S4 Turbo 50 | 50 | 81 | 19 | 3 | 50 | 143 | 3000 |
| | Characteristics when operating with the preferred fuel only: | | | | | | |
| | P_n / P_p - kW | η_n / η_p - % | $\eta_{el,n}$ - % | $e_{l,max}/e_{l,min}$ - kW | P_{SB} - kW | | |
| | 50,0 | 85,4 | N.A. | 0,109 | 0,012 | | |
| | N.A. | N.A. | N.A. | N.A. | | | |
| S4 Turbo 60 | 60 | 81 | 17 | 3 | 66 | 171 | 3750 |
| | P_n / P_p - kW | η_n / η_p - % | $\eta_{el,n}$ - % | $e_{l,max}/e_{l,min}$ - kW | P_{SB} - kW | | |
| | 60,0 | 86,3 | N.A. | 0,162 | 0,010 | | |
| | N.A. | N.A. | N.A. | N.A. | | | |

**Measurements and calculations in accordance to
Commission regulation 2015/1189 and FprEN 303-5**

Emissions in mg/m³ in log wood operation

[log wood, moisture content M25 according to EN ISO 17225-5]

| | |
|---|--------|
| seasonal space heating energy efficiency (η_s) | ≥ 78 % |
| seasonal space heating emissions of particulate matter (PM) | ≤ 45 |
| seasonal space heating emissions of organic gaseous compounds (OGC) | ≤ 30 |
| seasonal space heating emissions of carbon monoxide (CO) | ≤ 530 |
| seasonal space heating emissions of nitrogen oxides (NO _x) | ≤ 200 |
| Emission values based on dry exhaust gas at standard conditions (0°C, 1013 mbar) and 10 vol.-% of oxygen. | |