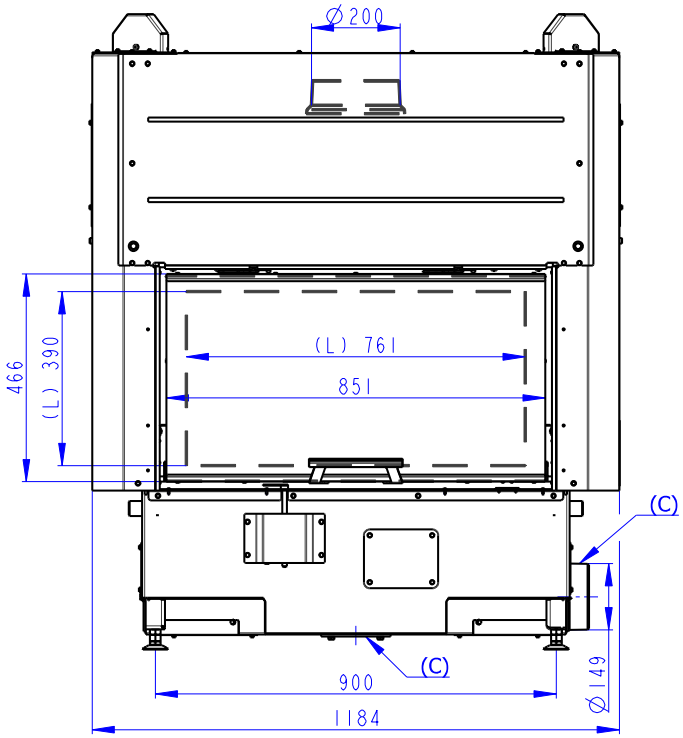
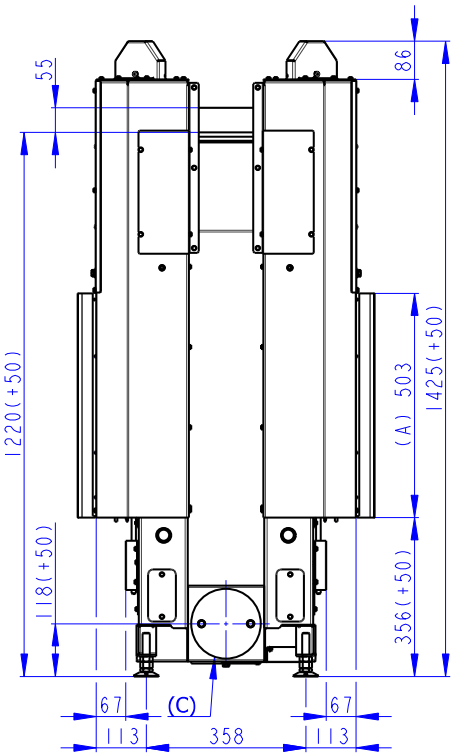
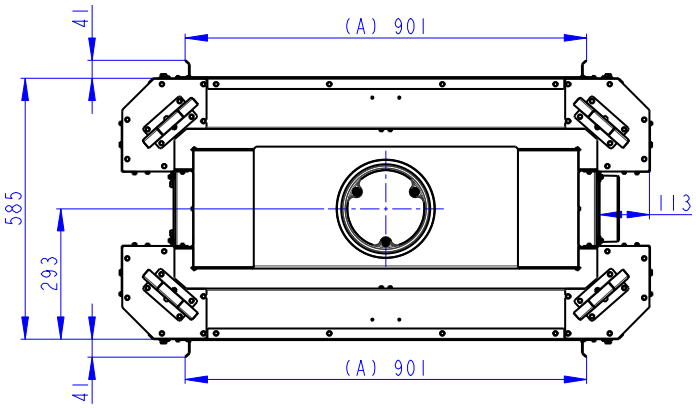
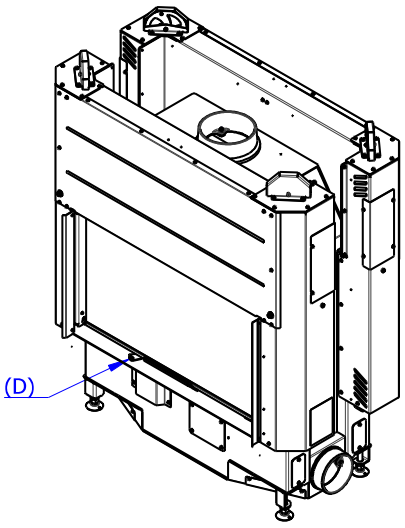
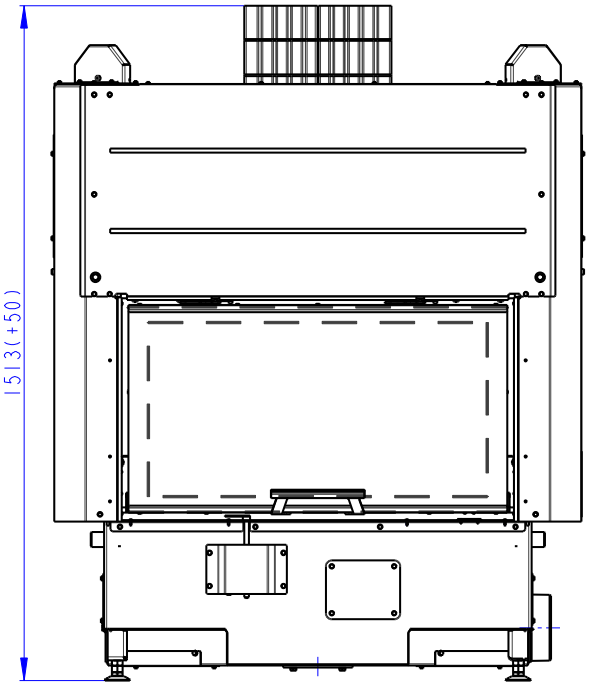


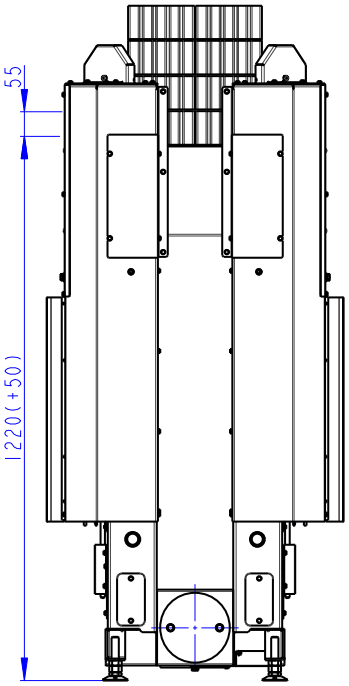



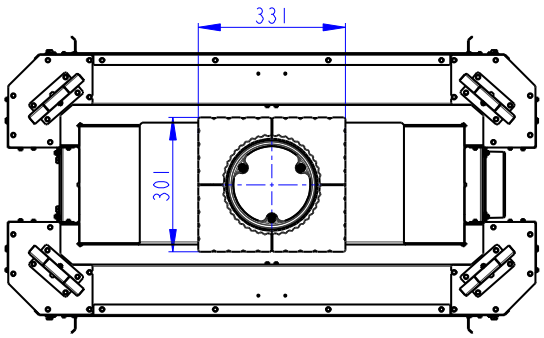



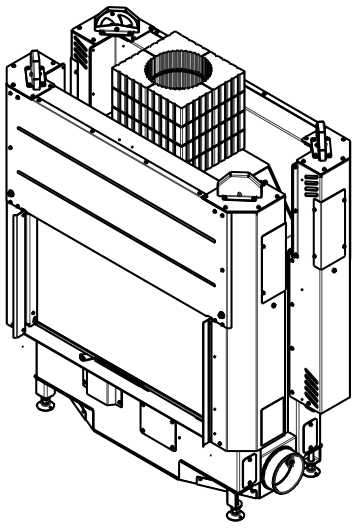



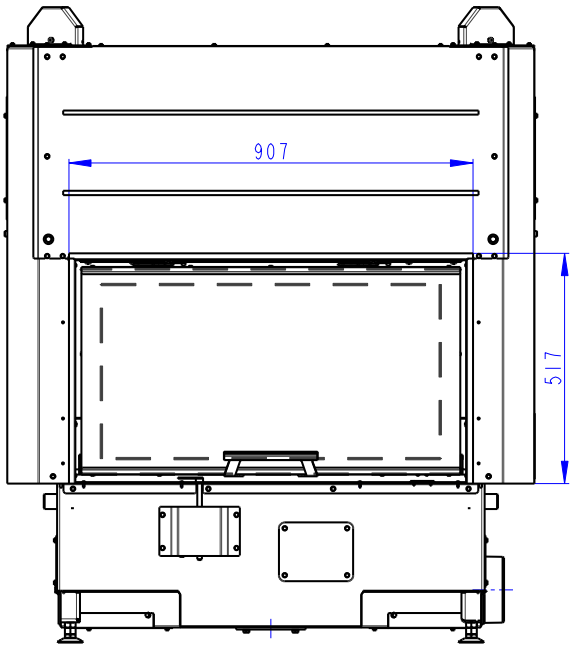

(A) Zastavbovy rozmer / In-built dimension / Baumaße
(B) Litinový odvod koure / Cast iron spigot / Der gusseiserne Rauchabgang
(C) Centralni privod vzduchu / Central air inlet / Zentralluftzufuhr
(D) Primarni a sekundarni vzduch / Primary and secondary air / Primärluft und Sekundärluft
(L) Volna plocha proskleni / Free glass area / Freie Glassichtfläche

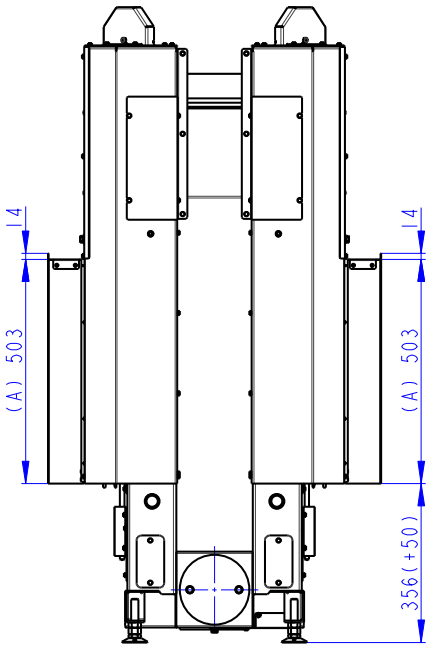

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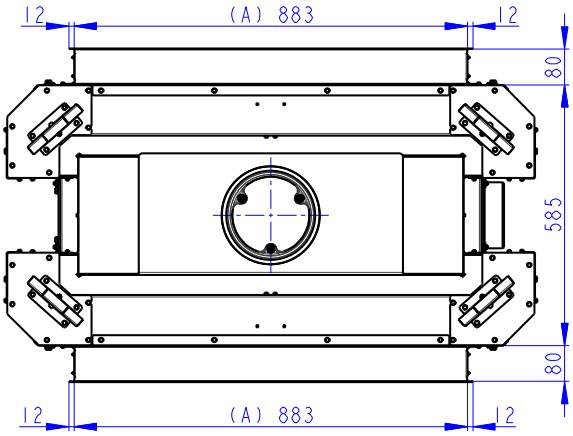

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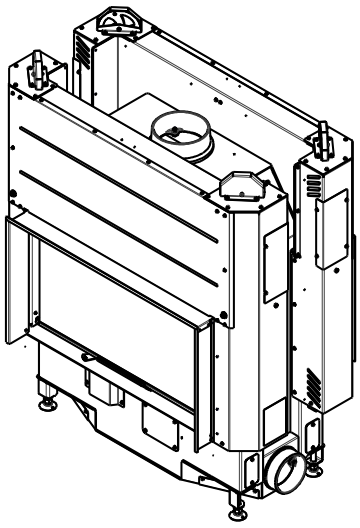

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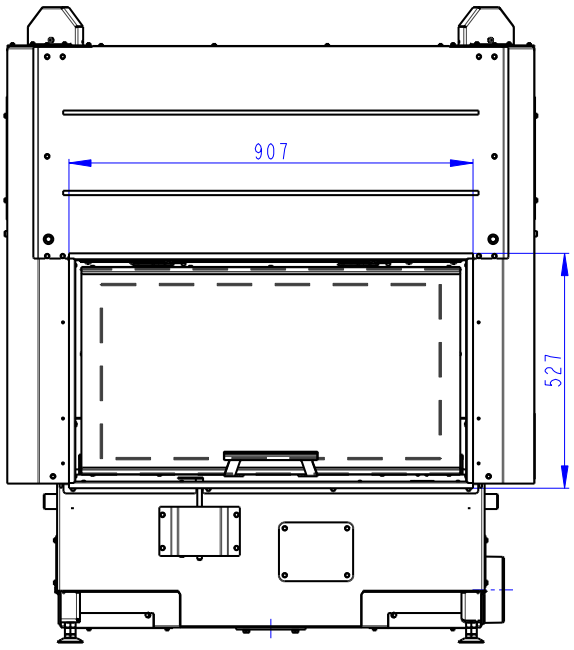


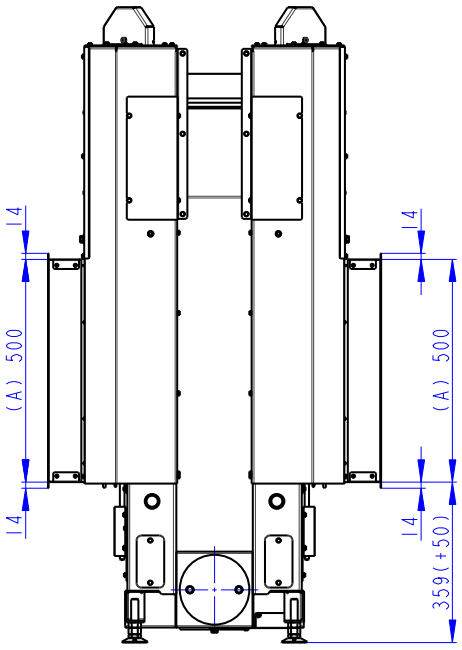

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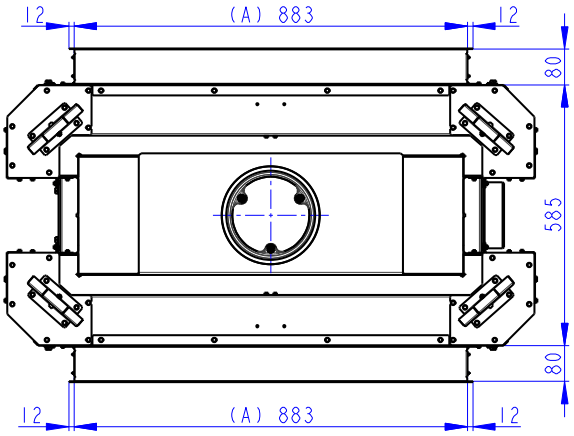

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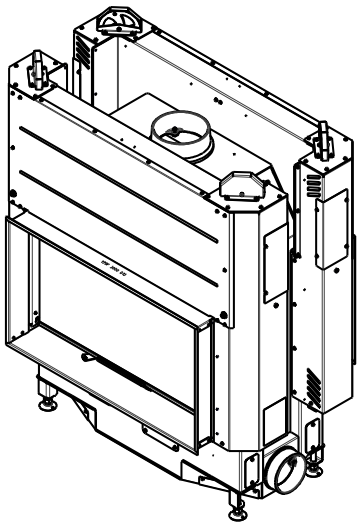

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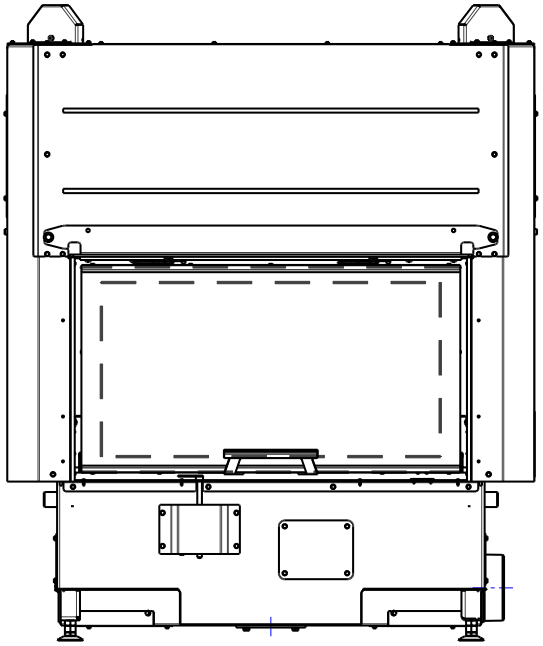

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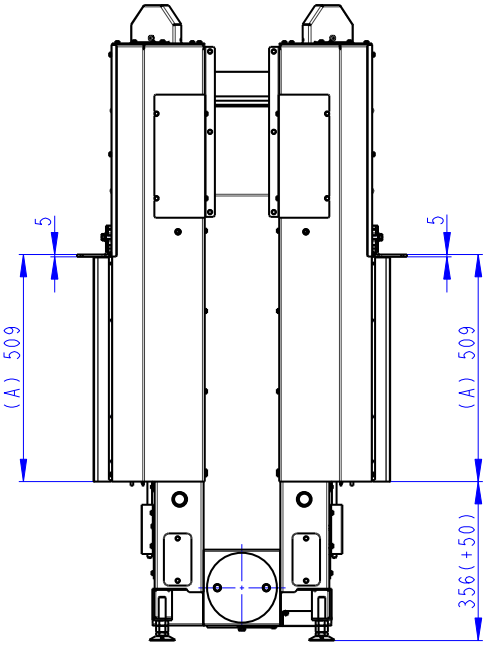

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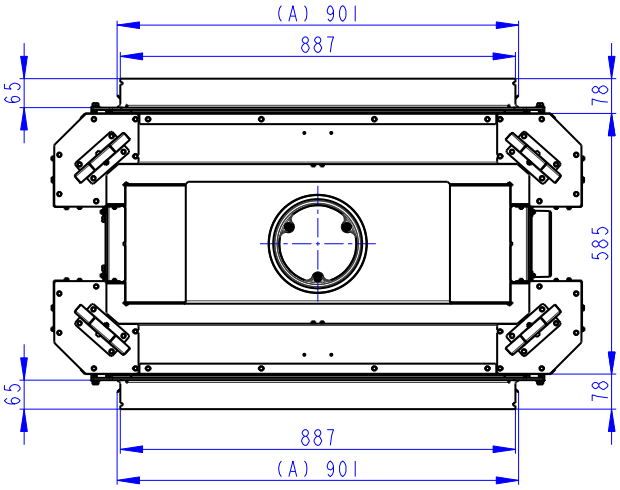

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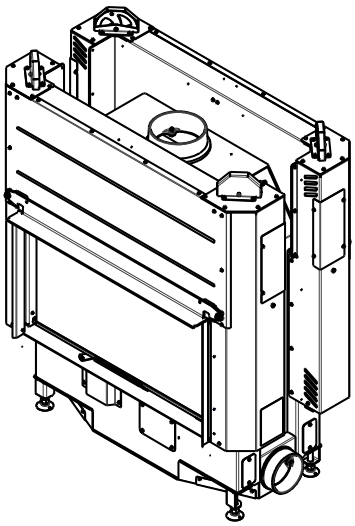


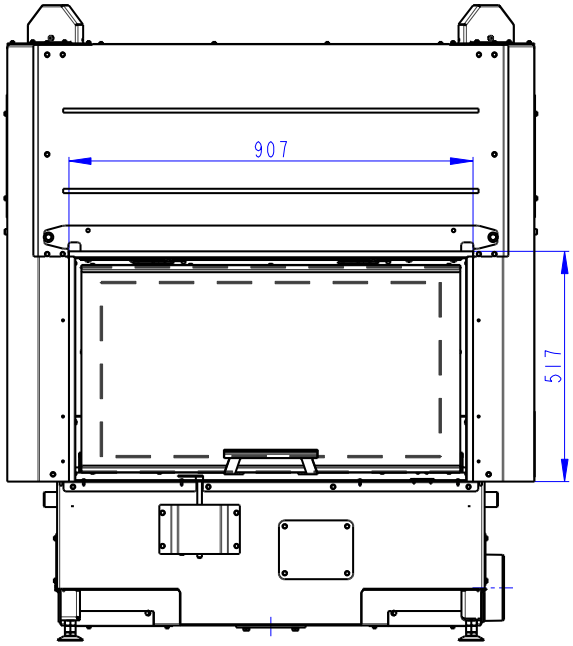
# Heat T 3g L 88.50.01 (04,06) + H3LF RAM15 (2x)

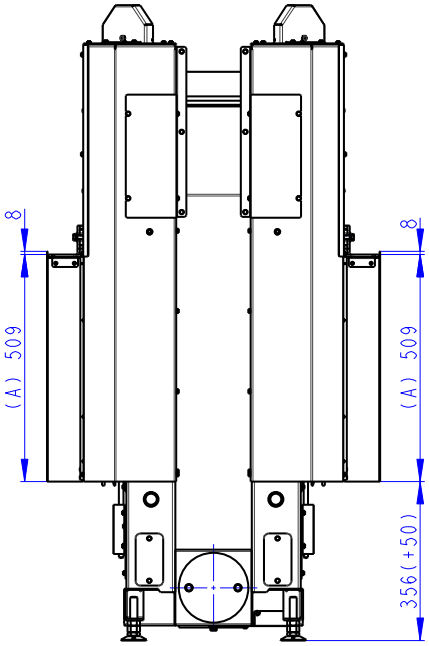


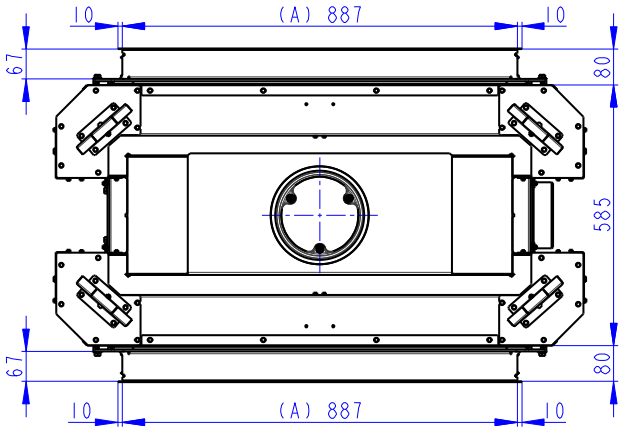


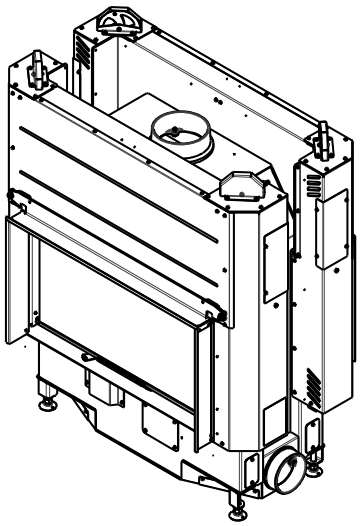



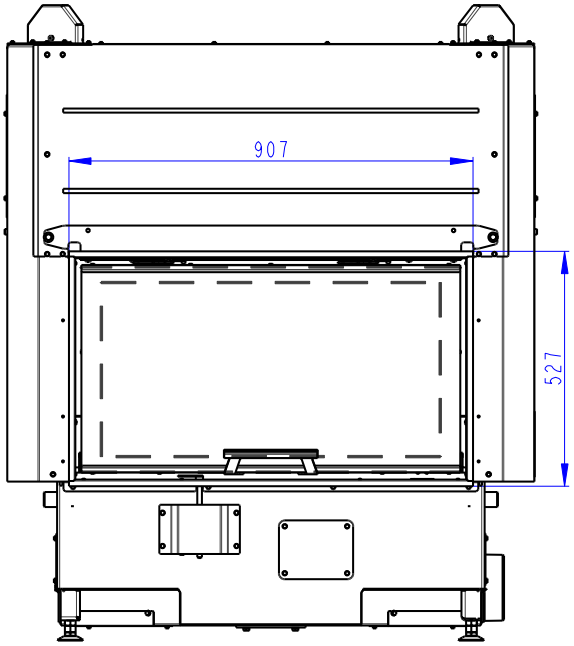

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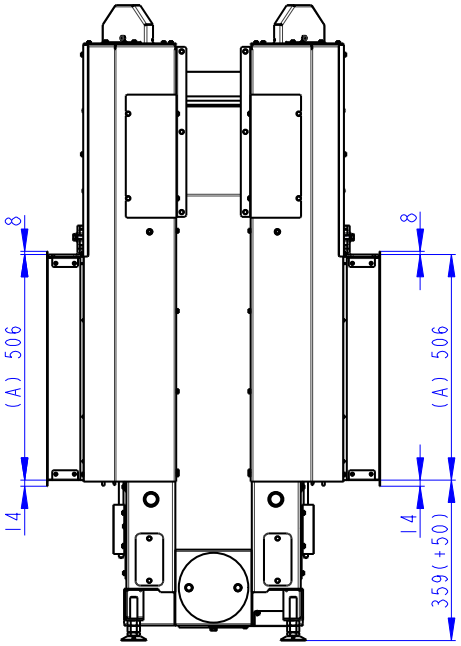

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(A) 509
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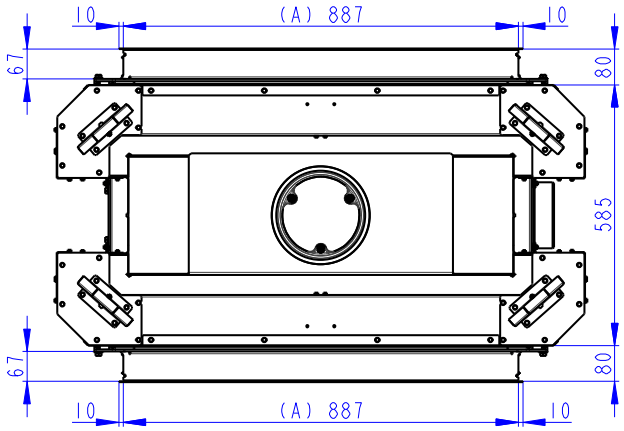

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(A) 887
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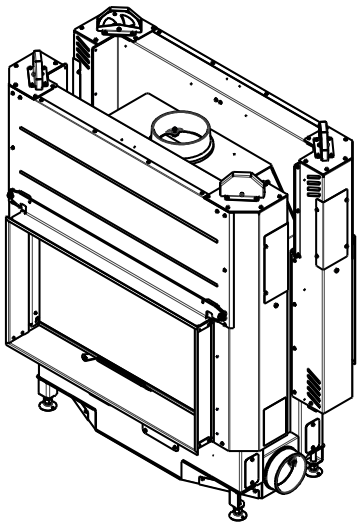


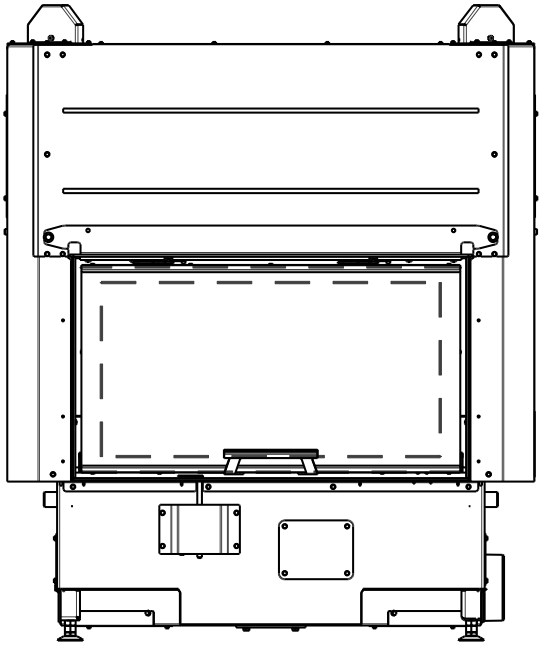
# Heat T 3g L 88.50.01 (04,06) + H3LF RAM15 + H3LF RAM12 (2x)

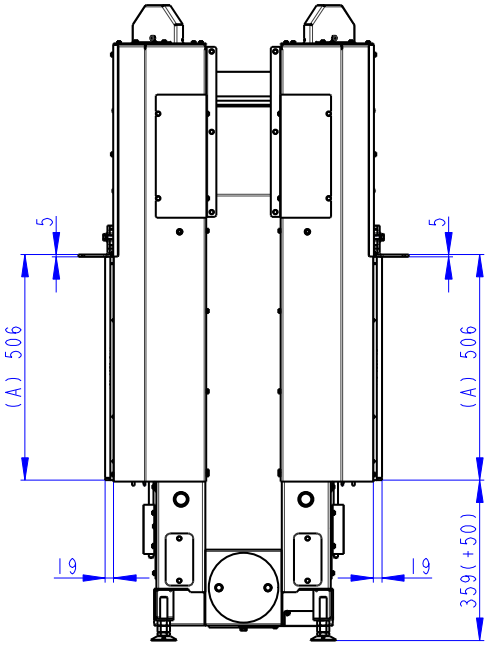


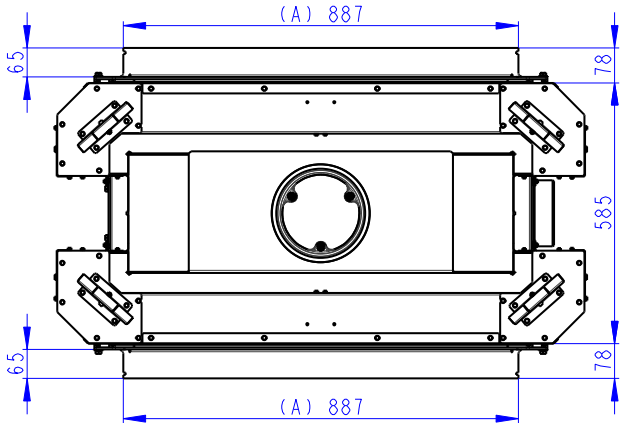



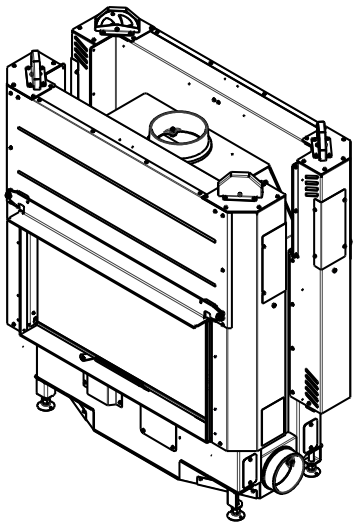



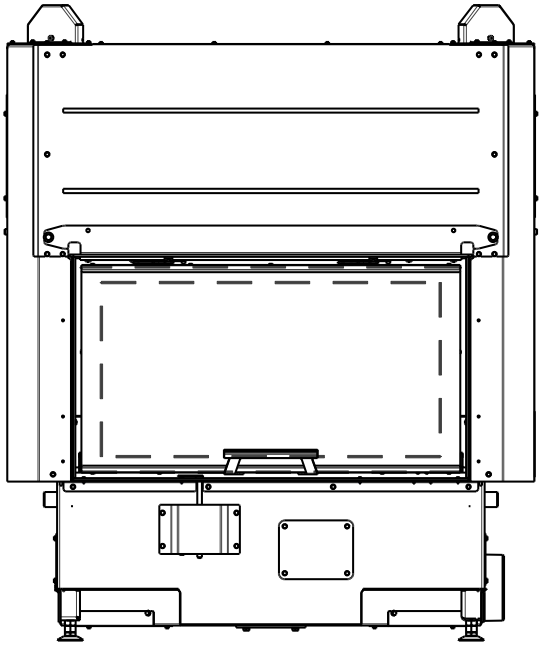


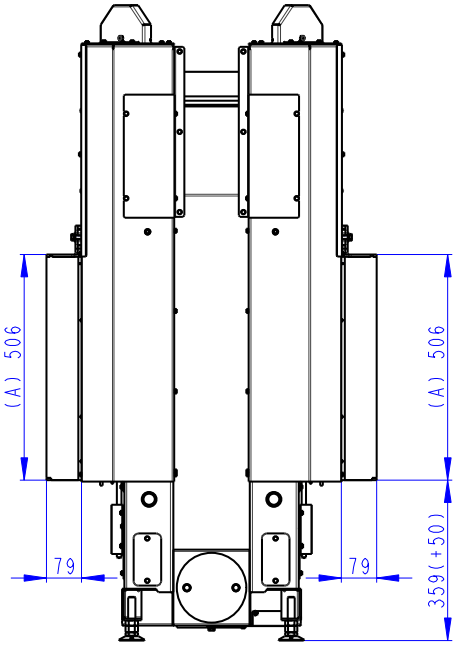

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(A) 506
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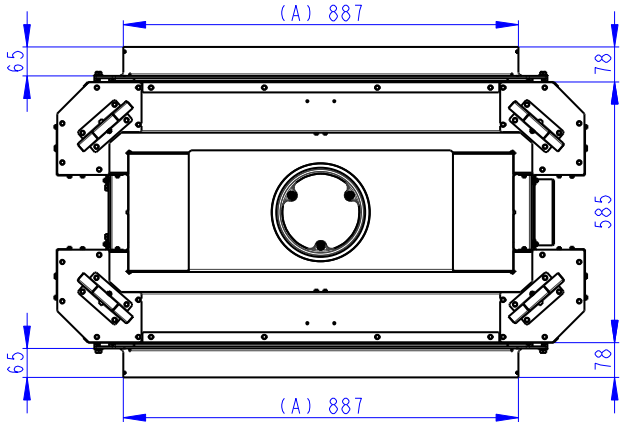

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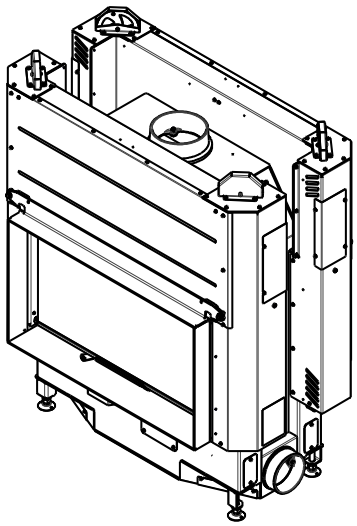


# Heat T 3g L 88.50.01 (04,06) + H3LF RAM15 + H3LF RAM14 (2x)





## Declared qualities stated

| | | | | | |
|---|---|---|---|---|---|
| Harmonised technical specification | ✓ EN 16510-1:2022 \| EN 16510-2-2:2022 | ✓ Ecodesign | ✓ DIN+ | ✓ BImSchV2 | 15a B-VG 2015 |

| | | | | |
|---|---|---|---|---|
| Classification of appliance | | Type BE | | |
| | | **Nominal heat output (nom)** | **Part load heat output (part)** | |
| Energy efficiency | $\eta_{nom}$ \| $\eta_{part}$ | 81 | --- | % |
| Seasonal space heating energy efficiency at nominal heat output | $\eta s_{nom}$ \| $\eta s_{part}$ | 71 | --- | % |
| Energy Efficiency Index | EEI | 107 | | |
| Energy label | | A+ | | |
| Fuel | | Wood logs | | |
| Fuel length | | 250-400 | | mm |
| Average fuel consumption | | 3,25 | --- | kg/h |
| Allowed fuel dose | | 4,5 | | kg/h |
| Fuel supply interval | | 1 hour | | |
| Base layer of fuel | | 0,32 | --- | kg |
| Criterion for the end of the test cycle | | 4,0 | --- | Vol.-% |
| Amount of combustion air | | 41,2 | | $m^3/h$ |
| Nominal heat output | $P_{nom}$ \| $P_{part}$ | 11,6 | --- | kW |
| Hot-water exchanger nominal heat output | $P_{Wnom}$ \| $P_{Wpart}$ | --- | --- | kW |
| Maximum water operating pressure | $p_W$ | --- | | bar |
| Dry flue gas mass flow rate | $\Phi_{f,\,g\,nom}$ \| $\Phi_{f,\,g\,part}$ | 9,4 | --- | g/s |
| Flue gas outlet temperature | $T_{snom}$ \| $T_{spart}$ | 324 | --- | °C |
| Flue draught | $p_{nom}$ \| $p_{part}$ | 12 | --- | Pa |
| Chimney temperature class | | T400 | | |
| Connection to the common chimney | | No | | |
| Storage of fuel in the wood shed area<br>Maximum warming of the wood in the wood shed | | No<br>--- | | <br>°C |
| Dust $O_2$ = 13 % | $PM_{nom}$ \| $PM_{part}$ | 40 | --- | $mg/Nm^3$ |
| $CO_2$ | | 9,95 | --- | % |
| Emissions of gases of combustion<br>(CO in the flue gases at $O_2$ = 13 %) | $CO_{nom}$ \| $CO_{part}$ | 0,0860<br>1250 | ---<br>--- | %<br>$mg/Nm^3$ |
| OGC $O_2$ = 13 % | $OGC_{nom}$ \| $OGC_{part}$ | 120 | --- | $mg/Nm^3$ |
| NOx $O_2$ = 13 % | $NO_{xnom}$ \| $NO_{xpart}$ | 200 | --- | $mg/Nm^3$ |
| Automatic regulation unit of burning | | --- | --- | |
| Electricity consumption in standby mode | $el_{SB}$ | --- | | kW |
| Electricity consumption | $el_{max}$ \| $el_{min}$ | --- | --- | kW |
| Intermittent operation \| Continuous operation | INT \| CON | INT | | |

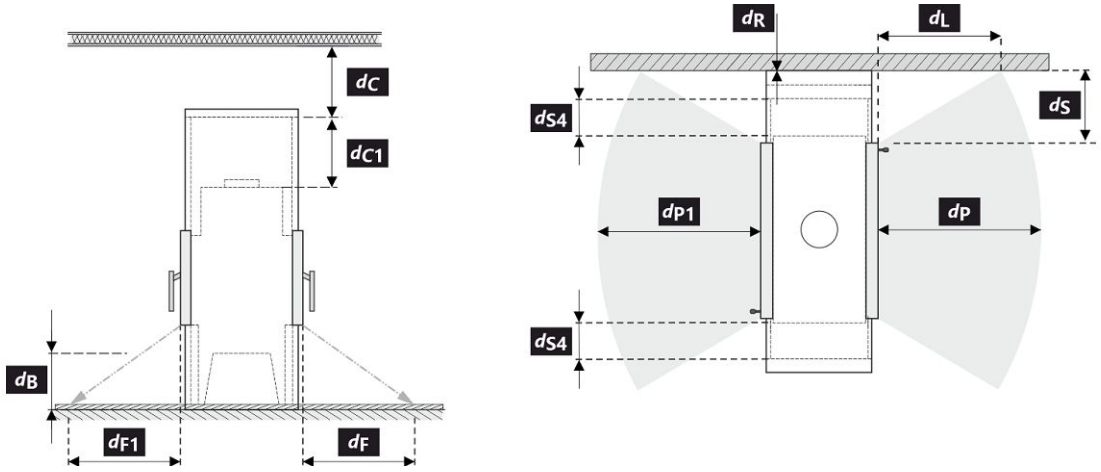
## Basic technical data

| | | | |
|---|---|---|---|
| Principal dimensions (Height \| Width \| Length) | H \| W \| L | 1426 \| 1186 \| 585 | mm |
| Combustion chamber dimensions | H \| W \| L | 500 \| 788 \| 310 | mm |
| Fireplace door dimensions | H \| W \| L | 466 \| 851 \| --- | mm |
| Axis height of the rear (side) outlet | | --- | mm |
| Volume of hot-water exchanger | | --- | l |
| Minimum flue diameter | | 200 | mm |
| Diameter of flue throat | $d_{out}$ | 200 | mm |
| Diameter of external air connection | | 150 | mm |
| Maximum length (pipe) of external air intake | | 6000 | mm |
| Weight | m | 367 | kg |

**Heat capacity**
**minimum size of the room of appliance installation**

| | | | |
|---|---|---|---|
| Insulation of the house – very good (20 W/m³) | e.g. new, insulated house / permanently inhabited | 332 | m³ |
| Insulation of the house – good (22,5 W/m³) | | 295 | m³ |
| Insulation of the house – middle (32 W/m³) | | 208 | m³ |
| Insulation of the house – bad (45 W/m³) | | 148 | m³ |
| Insulation of the house – very bad (50 W/m³) | e.g. old, uninsulated house / cottage / chalet | 133 | m³ |

| **Distances from flammable materials** | | | **Note** | |
|---|---|---|---|---|
| Back | $d_R$ | 0 | | mm |
| Front | $d_P$ \| $d_{P1}$ | 1000 | 1000 | mm |
| Front to the floor | $d_F$ \| $d_{F1}$ | 350 | 350 | mm |
| Side | $d_S$ \| $d_{S1}$ | 420 | --- | mm |
| Side – niche | $d_{S2}$ | --- | | mm |
| Side – location 45° | $d_{S3}$ | --- | | mm |
| Side radiation | $d_L$ \| $d_{L1}$ | 430 | --- | mm |
| From the floor | $d_B$ | 50 | | mm |
| From the ceiling | $d_C$ | 500 | | mm |
| From the back and side edge of the fireplace insert to the inside of the insulation | $d_{S4}$ | 120 | | mm |



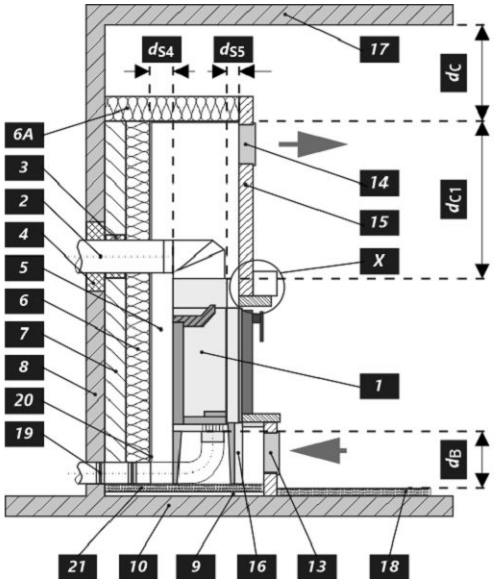

All local regulations, including regulations relating to national and European standards, must be observed during the installation and operation of the product.

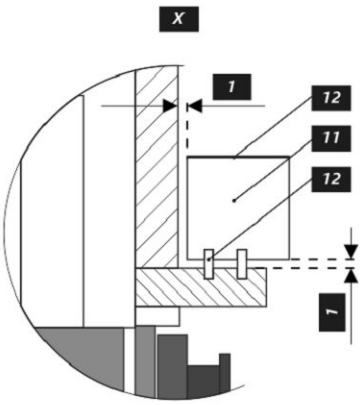
| Legend | Note | Description | Material | Dimension |
|---|---|---|---|---|
| **1** | | Appliance | 179Q 0000 002 | |
| **2** | | Flue gas outlet | metal | DN 200 |
| **3** | | Insulation of the flue gas connection | | |
| **4** | | Mineral insulation | | |
| **5** | | Convection air space around the appliance | | |
| **6** | | Protective insulation of walls | SILCA 250 | 2x40 mm |
| **6A** | | Protective ceiling insulation | SILCA 250 | 80 mm |
| **7** | | Protective wall | hollow burnt brick | 100 mm |
| **8** | | Combustible wall | | |
| **9** | | Concrete slab | | |

| | | | |
|---|---|---|---|
| **10** | Combustible floor | | |
| **11** | Decorative / ornamental beam | | |
| **12** | Beam with ventilation air gap | | |
| **13** | Convection air inlet | | 900 $cm^2$ |
| **14** | Convection air outlet | | 1070 $cm^2$ |
| **15** | Lining | SILCA 250 | 40 mm |
| **16** | Support frame | | |
| **17** | Combustible ceiling | | |
| **18** | Protective insulation board for combustible floors | SILCA 250 | 40 mm |
| **19** | Combustion air regulation | | |
| **20** | Sheet metal cover if mineral wool is used | | |
| **21** | If necessary, a floor protection plate under the appliance | | |
| **$d_C$** | From the top of the exhaust vent to the combustible ceiling | | 500 mm |
| **$d_{C1}$** | – From the top of the fireplace insert to the underside of the ceiling insulation<br>– In the case of an installed heat exchanger from the top edge of the heat exchanger to the underside of the ceiling insulation | | 300 mm<br>--- mm |
| **$d_{S4}$** | From the back and side edge of the fireplace insert to the inside of the insulation | | 120 mm |
| **$d_{S5}$** | From the front edge of the fireplace insert to the inside of the insulation | | 10 mm |
| **$d_B$** | From the bottom of the fireplace insert to the fireproof floor | | 50 mm |

**Caution:** Fire protection / insulation boards SILCA® 250SB can be replaced by a suitable nonflammable material with a thermal conductivity (λ) ≤ 1,1 $W \cdot m^{-1} \cdot K^{-1}$.

Protective wall – hollow burnt brick (thickness 100 mm) can be replaced by a suitable nonfammable material with a thermal conductivity (λ) ≤ 0,36 $W \cdot m^{-1} \cdot K^{-1}$.



## Deklarierte Produkteigenschaften

| | | | | |
|---|---|---|---|---|
| Harmonisierte technische Spezifikation | ✓ EN 16510-1:2022 \| EN 16510-2-2:2022 | ✓ Ecodesign | ✓ DIN+ ✓ BImSchV2 | 15a B-VG 2015 |
| Produktklassifizierung | | Type BE | | |
| | | **Nennwärmeleistung (nom)** | **Teillastwärmeleistung (part)** | |
| Energiewirkungsgrad | $\eta_{nom}$ \| $\eta_{part}$ | 81 | --- | % |
| Raumheizungs-Jahresnutzungsgrad | $\eta s_{nom}$ \| $\eta s_{part}$ | 71 | --- | % |
| Energieeffizienzindex | EEI | 107 | | |
| Energielabel | | A+ | | |
| Brennstoff | | Scheitholz | | |
| Brennstofflänge | | 250-400 | | mm |
| Durchschnittlicher Brennstoffverbrauch | | 3,25 | --- | kg/h |
| Zulässiger Brennstoffverbrauch | | 4,5 | | kg/h |
| Brennstofflieferintervall | | 1 Stunde | | |
| Grundglutmasse | | 0,32 | --- | kg |
| Kriterium für das Ende des Prüfzyklus | | 4,0 | --- | Vol.-% |
| Verbrennungsluftmenge | | 41,2 | | $m^3/h$ |
| Nennwärmeleistung | $P_{nom}$ \| $P_{part}$ | 11,6 | --- | kW |
| Wärmetauscherleistung | $P_{Wnom}$ \| $P_{Wpart}$ | --- | --- | kW |
| Maximaler Wasserbetriebsdruck | $p_W$ | --- | | bar |
| Rauchgasmassenstrom (trocken) | $\Phi_{f,\,g\,nom}$ \| $\Phi_{f,\,g\,part}$ | 9,4 | --- | g/s |
| Rauchgasaustrittstemperatur | $T_{snom}$ \| $T_{spart}$ | 324 | --- | °C |
| Förderdruck | $p_{nom}$ \| $p_{part}$ | 12 | --- | Pa |
| Temperaturklasse | | T400 | | |
| Mehrfachbelegung | | Nein | | |
| Lagerung von Brennstoff im Holzfach<br>Maximale Erwärmung des Holzes im Holzfach | | Nein<br>--- | | <br>°C |
| Feinstaub $O_2$ = 13 % | $PM_{nom}$ \| $PM_{part}$ | 40 | --- | $mg/Nm^3$ |
| $CO_2$ | | 9,95 | --- | % |
| Abgasemission<br>(CO in den Abgasen bei $O_2$ = 13 %) | $CO_{nom}$ \| $CO_{part}$ | 0,0860<br>1250 | ---<br>--- | %<br>$mg/Nm^3$ |
| OGC $O_2$ = 13 % | $OGC_{nom}$ \| $OGC_{part}$ | 120 | --- | $mg/Nm^3$ |
| $NO_X$ $O_2$ = 13 % | $NO_{xnom}$ \| $NO_{xpart}$ | 200 | --- | $mg/Nm^3$ |
| Automatische Abbrandsteuerung | | --- | --- | |
| Stromverbrauch im Bereitschaftszustand | $el_{SB}$ | --- | | kW |
| Stromverbrauch | $el_{max}$ \| $el_{min}$ | --- | --- | kW |
| Intervallbetrieb \| Dauerbetrieb | INT \| CON | INT | | |

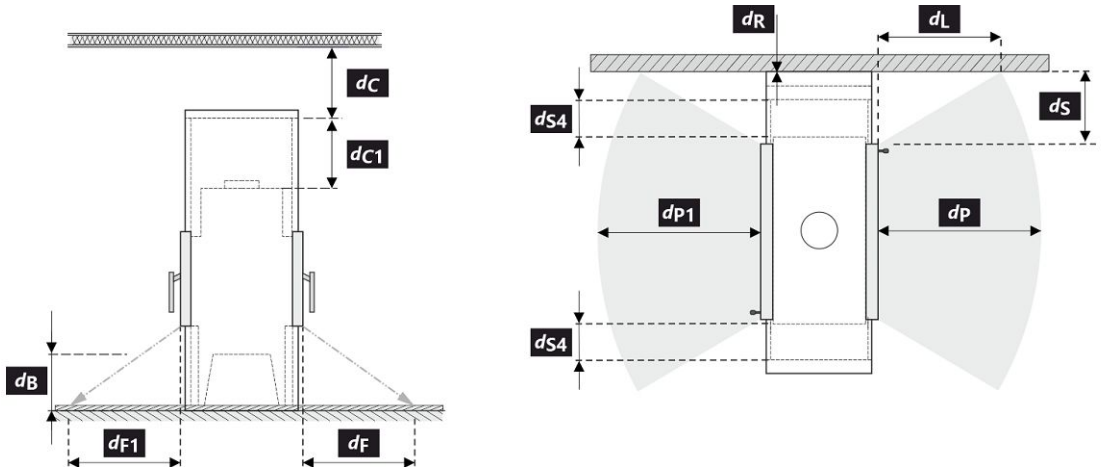
## Technische Grunddaten

| | | | |
|---|---|---|---|
| Hauptabmessungen (Höhe \| Breite \| Tiefe) | H \| W \| L | 1426 \| 1186 \| 585 | mm |
| Abmessungen der Brennkammer (Höhe \| Breite \| Tiefe) | H \| W \| L | 500 \| 788 \| 310 | mm |
| Abmessungen der Feuerraumtür (Höhe \| Breite \| Tiefe) | H \| W \| L | 466 \| 851 \| --- | mm |
| Achshöhe hinterer (seitlichen) Rauchrohanschluss | | --- | mm |
| Volumen Wärmetauscher | | --- | l |
| Minimale Rauchrohrdurchmesser | | 200 | mm |
| Abgasstutzen | $d_{out}$ | 200 | mm |
| Durchmesser zentrale Luftzufuhr | | 150 | mm |
| Maximale Länge (Rohrleitung) der zentralen Luftzufuhr | | 6000 | mm |
| Gewicht | m | 367 | kg |

**Heizleistung (Brennwert)**
**mindestraumgröße für die Installation des Produkts**

| | | | |
|---|---|---|---|
| Wärmedämmung des Hauses – sehr gut (20 W/m³) | z.B. neues, isoliertes Haus / ständig bewohnt | 332 | m³ |
| Wärmedämmung des Hauses – gut (22,5 W/m³) | | 295 | m³ |
| Wärmedämmung des Hauses – mittel (32 W/m³) | | 208 | m³ |
| Wärmedämmung des Hauses – schlecht (45 W/m³) | | 148 | m³ |
| Wärmedämmung des Hauses – sehr schlecht (50 W/m³) | z.B. altes, ungedämmtes Haus / Hütte / Chalet | 133 | m³ |

| **Abstand zu brennbaren Materialien** | **Bemerkung** | | | |
|---|---|---|---|---|
| Rückwand | $d_R$ | 0 | | mm |
| Strahlungsbereich | $d_P$ \| $d_{P1}$ | 1000 | 1000 | mm |
| Strahlungsbereich zum Boden | $d_F$ \| $d_{F1}$ | 350 | 350 | mm |
| Seitenwände | $d_S$ \| $d_{S1}$ | 420 | --- | mm |
| Seite – Nische | $d_{S2}$ | --- | | mm |
| Seite – Ausrichtung 45° | $d_{S3}$ | --- | | mm |
| Seitliche Strahlung | $d_L$ \| $d_{L1}$ | 430 | --- | mm |
| Von dem Boden | $d_B$ | 50 | | mm |
| Decke | $d_C$ | 500 | | mm |
| Von der hinteren- und seitlichen Kante des Kamine-insatzes bis zur Innenseite der Isolierung | $d_{S4}$ | 120 | | mm |



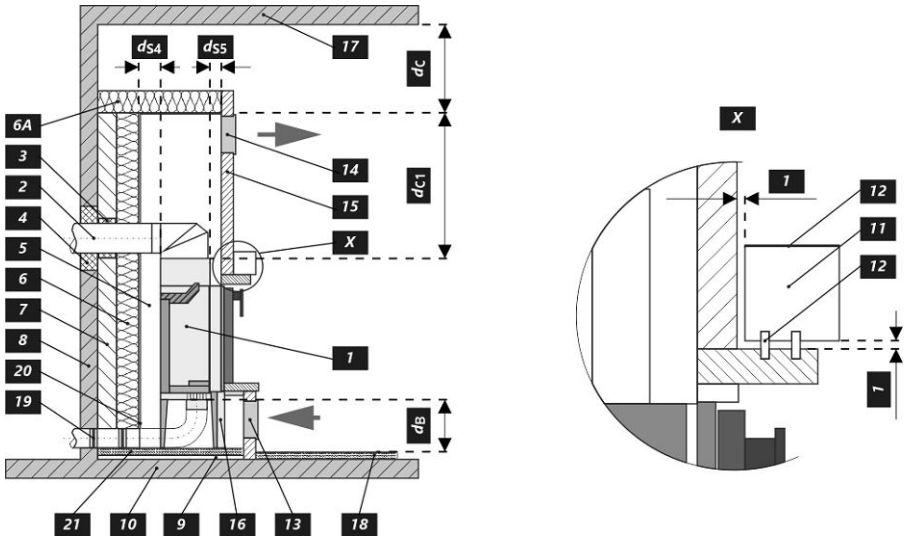

Bei der Installation und dem Betrieb des Ofens sind alle örtlichen Vorschriften sowie nationale und europäische Normen zu beachten.

| Legende | Bemerkung | Beschreibung | Material | Maß |
|---|---|---|---|---|
| **1** | | Gerät | 179Q 0000 002 | |
| **2** | | Rauchgasabgang | metall | DN 200 |
| **3** | | Isolierung Anschluss Rauchgasabgang | | |
| **4** | | Mineralwolleisolierung | | |
| **5** | | Konvektionsraum um das Gerät | | |
| **6** | | Schutzisolierung der Wände | SILCA 250 | 2x40 mm |
| **6A** | | Schutzisolierung der Decke | SILCA 250 | 80 mm |
| **7** | | Schutzwand | gebrannter hohlziegel | 100 mm |
| **8** | | Brennbare Wand | | |

| | | | |
|---|---|---|---|
| **9** | Betonplatte | | |
| **10** | Brennbarer Boden | | |
| **11** | Dekorativer Träger | | |
| **12** | Träger mit Belüftungsspalt | | |
| **13** | Konvektionslufteinlass | | 900 $cm^2$ |
| **14** | Konvektionsluftauslass | | 1070 $cm^2$ |
| **15** | Verkleidung | SILCA 250 | 40 mm |
| **16** | Tragrahmen | | |
| **17** | Brennbare Decke | | |
| **18** | Schutzisolierungsplatte des brennbaren Bodens | SILCA 250 | 40 mm |
| **19** | Verbrennungsluftregulierung | | |
| **20** | Blechabdeckung bei Verwendung von Mineralwolle | | |
| **21** | Falls nötig eine Bodenschutzplatte unter dem Gerät | | |
| **$d_C$** | Von der Oberkante der Abluftöffnung bis zur brennbaren Decke | | 500 mm |
| **$d_{C1}$** | – Von der Oberkante des Kamineinsatzes bis zur Unterkante der Deckenisolierung<br>– Im Falle eines eingebauten Wärmetauschers – von der Oberkante des Wärmetauschers bis zur Unterseite der Deckenisolierung | | 300 mm<br>--- mm |
| **$d_{S4}$** | Von der hinteren- und seitlichen Kante des Kamineinsatzes bis zur Innenseite der Isolierung | | 120 mm |
| **$d_{S5}$** | Von der Vorder Kante des Kamineinsatzes bis zur Innenseite der Isolierung | | 10 mm |
| **$d_B$** | Von der Unterseite des Kamineinsatzes bis zum feuerfesten Boden | | 50 mm |

**Warnhinweise:** Brandschutz- / Dämmplatten SILCA® 250SB kann durch ein geeignetes nicht brennbares Material mit einer Wärmeleitfähigkeit (λ) ≤ 1,1 $W \cdot m^{-1} \cdot K^{-1}$ ersetzt werden.

Schutzwand – gebrannter Hohlziegel (Dicke 100 mm) kann durch ein geeignetes nicht brennbares Material mit einer Wärmeleitfähigkeit (λ) ≤ 0,36 $W \cdot m^{-1} \cdot K^{-1}$ ersetzt werden.



## Caractéristiques déclarées du produit

| Norme(s) Européennes | ✓ EN 16510-1:2022 \| EN 16510-2-2:2022 | ✓ Ecodesign | ✓ DIN+ | ✓ BImSchV2 | 15a B-VG 2015 |
|---|---|---|---|---|---|

| Classification de l'appareil | | Type BE | | |
|---|---|---|---|---|
| | | **Puissance thermique nominale (nom)** | **Puissance thermique partielle (part)** | |
| Efficacité énergétique | $\eta_{nom}$ \| $\eta_{part}$ | 81 | --- | % |
| Efficacité énergétique saisonnier à la puissance thermique nominale de l'appareil | $\eta s_{nom}$ \| $\eta s_{part}$ | 71 | --- | % |
| Indice d'efficacité énergétique EEI | EEI | 107 | | |
| Label énergétique | | A+ | | |
| Combustible | | Bûches | | |
| Longueur recommandée de bûches | | 250-400 | | mm |
| Consommation moyenne de combustible | | 3,25 | --- | kg/h |
| Charge en bois autorisé | | 4,5 | | kg/h |
| Intervalle entre les chargements de combustible | | 1 heure | | |
| Couche de base du combustible | | 0,32 | --- | kg |
| Critère de fin du cycle d'essai | | 4,0 | --- | Vol.-% |
| Débit massique des fumées | | 41,2 | | $m^3/h$ |
| Puissance thermique nominale | $P_{nom}$ \| $P_{part}$ | 11,6 | --- | kW |
| Puissance thermique nominale de l'échangeur | $P_{Wnom}$ \| $P_{Wpart}$ | --- | --- | kW |
| Pression d'eau maximale | $p_W$ | --- | | bar |
| Débit massique des gaz de combustion secs | $\Phi_{f,g\,nom}$ \| $\Phi_{f,g\,part}$ | 9,4 | --- | g/s |
| Température de sortie des gaz de combustion | $T_{snom}$ \| $T_{spart}$ | 324 | --- | °C |
| Tirage de conduit de fumée | $p_{nom}$ \| $p_{part}$ | 12 | --- | Pa |
| Classe de température | | T400 | | |
| Raccordement à une cheminée collective | | Non | | |
| Stockage du combustible dans range bûches<br>Réchauffement maximal du bois dans range bûches | | Non<br>--- | | <br>°C |
| Poussière $O_2$ = 13 % | $PM_{nom}$ \| $PM_{part}$ | 40 | --- | $mg/Nm^3$ |
| $CO_2$ | | 9,95 | --- | % |
| Résidus de combustion émis<br>(CO dans les résidus de combustion pour $O_2$ = 13 %) | $CO_{nom}$ \| $CO_{part}$ | 0,0860<br>1250 | ---<br>--- | %<br>$mg/Nm^3$ |
| OGC $O_2$ = 13 % | $OGC_{nom}$ \| $OGC_{part}$ | 120 | --- | $mg/Nm^3$ |
| NOx $O_2$ = 13 % | $NO_{xnom}$ \| $NO_{xpart}$ | 200 | --- | $mg/Nm^3$ |
| Régulation automatique de la combustion | | --- | --- | |
| Consommation d'énergie en mode veille | $el_{SB}$ | --- | | kW |
| Consommation d'électricité | $el_{max}$ \| $el_{min}$ | --- | --- | kW |
| Fonctionnement par intermittence \| Service ininterrompu | INT \| CON | INT | | |

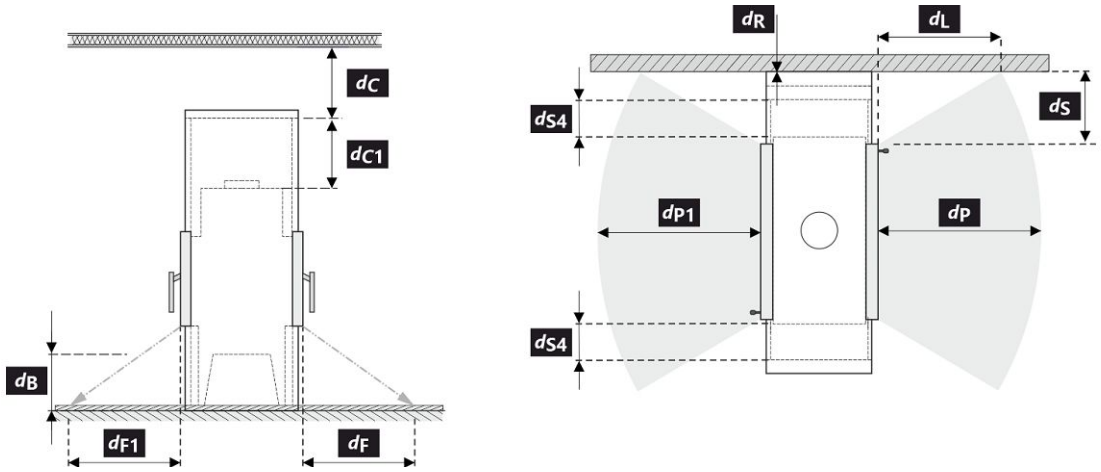
## Données techniques de base

| | | | |
|---|---|---|---|
| Dimensions principales (Hauteur \| Largeur \| Profondeur) | H \| W \| L | 1426 \| 1186 \| 585 | mm |
| Dimensions de la chambre de combustion (Hauteur \| Largeur \| Profondeur) | H \| W \| L | 500 \| 788 \| 310 | mm |
| Dimensions de la porte (Hauteur \| Largeur \| Profondeur) | H \| W \| L | 466 \| 851 \| --- | mm |
| Hauteur de l'axe de la sortie arrière (latérale) | | --- | mm |
| Volume de l'échangeur de chaleur | | --- | l |
| Diamètre minimal du conduit de fumée | | 200 | mm |
| Diamètre de buse d'air de combustion | $d_{out}$ | 200 | mm |
| Diamètre de l'arrivée d'air centrale | | 150 | mm |
| Longueur maximale (tuyau) d'arrivée d'air centrale | | 6000 | mm |
| Poids | m | 367 | kg |

**Capacité thermique (Pouvoir calorifique)**
**taille minimale de la pièce où est installé l'appareil**

| | | | |
|---|---|---|---|
| Isolation de la maison – très bon (20 W/m³) | par exemple, maison neuve et isolée / habitée en permanence | 332 | m³ |
| Isolation de la maison – bon (22,5 W/m³) | | 295 | m³ |
| Isolation de la maison – moyen (32 W/m³) | | 208 | m³ |
| Isolation de la maison – mauvais (45 W/m³) | | 148 | m³ |
| Isolation de la maison – très mauvais (50 W/m³) | par exemple une vieille maison / chalet / chalet non isolé | 133 | m³ |

| **Distance par rapport aux matériaux combustibles** | | | **Note** | |
|---|---|---|---|---|
| Arrière | $d_R$ | 0 | | mm |
| Avant | $d_P$ \| $d_{P1}$ | 1000 | 1000 | mm |
| Avant (par rapport au sol) | $d_F$ \| $d_{F1}$ | 350 | 350 | mm |
| Latéral | $d_S$ \| $d_{S1}$ | 420 | --- | mm |
| Latéral – niche | $d_{S2}$ | --- | | mm |
| Latéral – emplacement 45° | $d_{S3}$ | --- | | mm |
| Rayonnement latéral | $d_L$ \| $d_{L1}$ | 430 | --- | mm |
| Depuis le sol | $d_B$ | 50 | | mm |
| Plafond | $d_C$ | 500 | | mm |
| Du bord arrière et latéral de l'insert de cheminée jusqu'à l'intérieur de l'isolation | $d_{S4}$ | 120 | | mm |



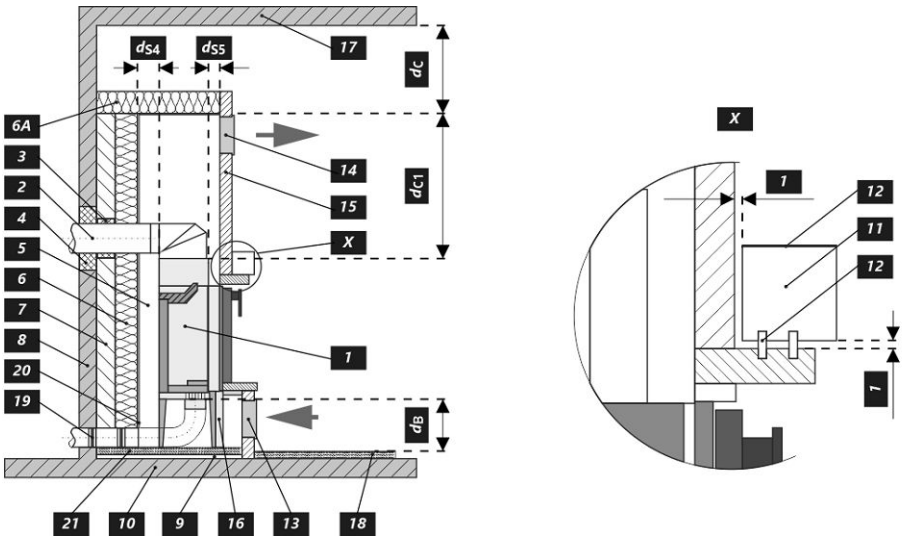

Lors de l'installation et de l'utilisation du produit, toutes les réglementations locales doivent être respectées, y compris celles relatives aux normes nationales et européennes.

| Légende | Note | Description | Matériel | Dimension |
|---|---|---|---|---|
| **1** | | Appareil ménager | 179Q 0000 002 | |
| **2** | | Extraction des résidus de combustion | métal | DN 200 |
| **3** | | Isolation du raccordement des résidus de combustion | | |
| **4** | | Isolation minérale | | |
| **5** | | Espace de convection autour de l'appareil | | |
| **6** | | Isolation protectrice des murs | SILCA 250 | 2x40 mm |
| **6A** | | Isolation protectrice des plafonds | SILCA 250 | 80 mm |
| **7** | | Mur de protection | brique creuse cuite | 100 mm |
| **8** | | Mur inflammable | | |

| | | | |
|---|---|---|---|
| **9** | Plaque de béton | | |
| **10** | Sol inflammable | | |
| **11** | Support décoratif / ornemental | | |
| **12** | Support avec espace de ventilation | | |
| **13** | Entrée d'air de convection | | 900 $cm^2$ |
| **14** | Sortie d'air de convection | | 1070 $cm^2$ |
| **15** | Habillage | SILCA 250 | 40 mm |
| **16** | Cadre de support | | |
| **17** | Plafond inflammable | | |
| **18** | Panneau isolant de protection pour sols combustibles | SILCA 250 | 40 mm |
| **19** | Régulation de l'air de combustion | | |
| **20** | Couverture en tôle si de la laine minérale est utilisée | | |
| **21** | Si nécessaire, une plaque de sol de protection située sous l'appareil | | |
| **$d_C$** | Du haut du conduit d'évacuation au plafond combustible | | 500 mm |
| **$d_{C1}$** | – Du haut de l'insert de cheminée jusqu'au bas de l'isolation du plafond<br>– Dans le cas d'un échangeur de chaleur installé – du bord supérieur de l'échangeur de chaleur à la partie inférieure de l'isolation du plafond | | 300 mm<br>--- mm |
| **$d_{S4}$** | Du bord arrière et latéral de l'insert de cheminée jusqu'à l'intérieur de l'isolation | | 120 mm |
| **$d_{S5}$** | Du bord avant de l'insert de cheminée à l'intérieur de l'isolation | | 10 mm |
| **$d_B$** | Du bas de l'insert de cheminée jusqu'au sol incombustible | | 50 mm |

**Avertissement:** Panneaux ignifuges / isolants SILCA® 250SB peut être remplacé par un matériau non combustible approprié avec une conductivité thermique (λ) ≤ 1,1 $W \cdot m^{-1} \cdot K^{-1}$.

Mur de protection – brique creuse cuite (épaisseur 100 mm) peut être remplacée par un matériau non combustible adéquat présentant une conductivité thermique (λ) ≤ 0,36 $W \cdot m^{-1} \cdot K^{-1}$.



## Proprietà dichiarate del prodotto

| | | | | | |
|---|---|---|---|---|---|
| Specificazioni tecniche armonizzate | ✓ EN 16510-1:2022 \| EN 16510-2-2:2022 | ✓ Ecodesign | ✓ DIN+ | ✓ BImSchV2 | 15a B-VG 2015 |

| | | | | |
|---|---|---|---|---|
| Classificazione del prodotto | | Type BE | | |
| | | **Potenza termica nominale (nom)** | **Potenza termica parziale (part)** | |
| Efficienza energetica | $\eta_{nom}$ \| $\eta_{part}$ | 81 | --- | % |
| Efficienza energetica stagionale del riscaldamento d'ambiente | $\eta s_{nom}$ \| $\eta s_{part}$ | 71 | --- | % |
| Indice di efficienza prodotto | EEI | 107 | | |
| Etichetta energetica | | A+ | | |
| Combustibile | | Legna | | |
| Combustibile – lunghezza | | 250-400 | | mm |
| Consumo medio di combustibile | | 3,25 | --- | kg/h |
| Dose ammessa di combustibile | | 4,5 | | kg/h |
| Intervallo di aggiunta di combustibile | | 1 ora | | |
| Strato di base del combustibile | | 0,32 | --- | kg |
| Criterio per la fine del ciclo di test | | 4,0 | --- | Vol.-% |
| Quantità di aria di combustione | | 41,2 | | $m^3/h$ |
| Potenza termica nominale | $P_{nom}$ \| $P_{part}$ | 11,6 | --- | kW |
| Potenza ter. nom. dello scamniatore di acqua calda | $P_{Wnom}$ \| $P_{Wpart}$ | --- | --- | kW |
| Ppressione massima di funzionamento dell'acqua | $p_W$ | --- | | bar |
| Portata dei fumi di scarico secchi | $\Phi_{f,\,g\,nom}$ \| $\Phi_{f,\,g\,part}$ | 9,4 | --- | g/s |
| Temperatura d'uscita dei gas di scarico | $T_{snom}$ \| $T_{spart}$ | 324 | --- | °C |
| Tiro di esercizio | $p_{nom}$ \| $p_{part}$ | 12 | --- | Pa |
| Classe di temperatura del camino | | T400 | | |
| Collegamento al camino collettivo | | No | | |
| Stoccaggio del combustibile nell'area della stufa a legna<br>Riscaldamento massimo della legna nella stufa a legna | | No<br>--- | | <br>°C |
| Polvere $O_2$ = 13 % | $PM_{nom}$ \| $PM_{part}$ | 40 | --- | $mg/Nm^3$ |
| $CO_2$ | | 9,95 | --- | % |
| Emissioni<br>(CO nei gas comburenti all' $O_2$ = 13 %) | $CO_{nom}$ \| $CO_{part}$ | 0,0860<br>1250 | ---<br>--- | %<br>$mg/Nm^3$ |
| OGC $O_2$ = 13 % | $OGC_{nom}$ \| $OGC_{part}$ | 120 | --- | $mg/Nm^3$ |
| NOx $O_2$ = 13 % | $NO_{xnom}$ \| $NO_{xpart}$ | 200 | --- | $mg/Nm^3$ |
| Controllo automatico della combustione | | --- | --- | |
| Consumo di energia elettrica in modo stand-by | $el_{SB}$ | --- | | kW |
| Consumo di energia elettrica | $el_{max}$ \| $el_{min}$ | --- | --- | kW |
| Funzionamento intermittente \| Funzionamento continuo | INT \| CON | INT | | |

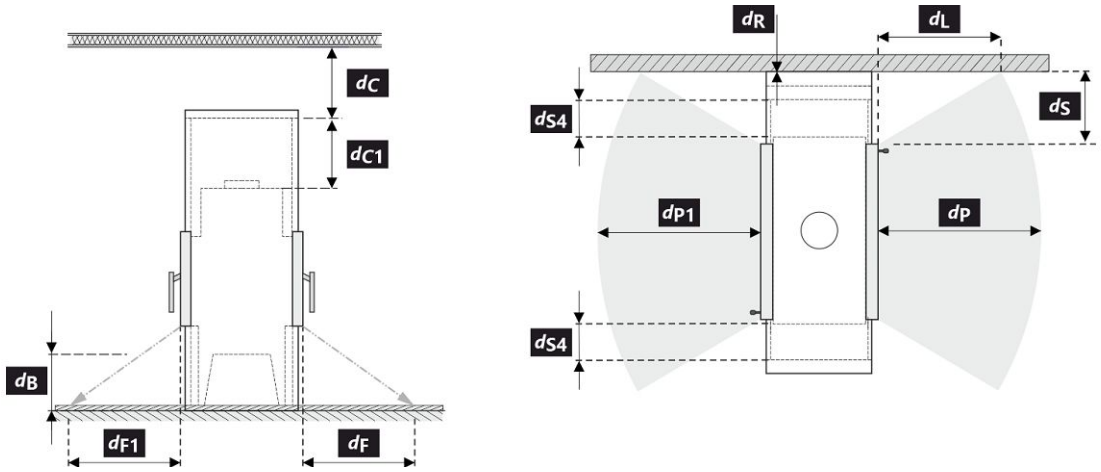
## Dati tecnici di base

| | | | |
|---|---|---|---|
| Dimensioni principali (Altezza \| Larghezza \| Profondità) | H \| W \| L | 1426 \| 1186 \| 585 | mm |
| Dimensioni della camera di combustione (Altezza \| Larghezza \| Profondità) | H \| W \| L | 500 \| 788 \| 310 | mm |
| Dimensioni dello sportello del focolare (Alt. \| Larg. \| Prof.) | H \| W \| L | 466 \| 851 \| --- | mm |
| Altezza dell'asse dell'uscita posteriore (laterale) | | --- | mm |
| Volume dello scambiatore di aqua calda | | --- | l |
| Diametro minimo del condotto fumario | | 200 | mm |
| Diametro del gola della canna fumaria | $d_{out}$ | 200 | mm |
| Diametro dell'afflusso centralizzato di aria | | 150 | mm |
| Lunghezza mass. (tubo) di alimentazione centrale dell'aria | | 6000 | mm |
| Peso | m | 367 | kg |

**Capacità termica (Potere calorifico)**
**dimensione minima del locale in cui è installato l'apparecchio**

| | | | |
|---|---|---|---|
| Isolamento della casa – molto buono (20 W/m³) | ad esempio, casa nuova e isolata / abitata in modo permanente | 332 | m³ |
| Isolamento della casa – buono (22,5 W/m³) | | 295 | m³ |
| Isolamento della casa – medio (32 W/m³) | | 208 | m³ |
| Isolamento della casa – cattivo (45 W/m³) | | 148 | m³ |
| Isolamento della casa – molto male (50 W/m³) | ad esempio, una vecchia casa / un cottage / uno chalet non isolato | 133 | m³ |

| **Distanza di materiali infiammabili** | **Nota** | | | |
|---|---|---|---|---|
| Posteriore | $d_R$ | 0 | | mm |
| Anteriore | $d_P$ \| $d_{P1}$ | 1000 | 1000 | mm |
| Anteriore (rispetto al pavimento) | $d_F$ \| $d_{F1}$ | 350 | 350 | mm |
| Laterali | $d_S$ \| $d_{S1}$ | 420 | --- | mm |
| Laterali – nicchia | $d_{S2}$ | --- | | mm |
| Laterali – posizione 45° | $d_{S3}$ | --- | | mm |
| Radiazione laterale | $d_L$ \| $d_{L1}$ | 430 | --- | mm |
| Dal pavimento | $d_B$ | 50 | | mm |
| Dal soffitto | $d_C$ | 500 | | mm |
| Dal bordo posteriore e laterale dell'inserto del caminetto fino all'interno dell'isolazione | $d_{S4}$ | 120 | | mm |




Durante il montaggio e l'uso del prodotto, devono essere rispettate tutte le normative locali, incluse le norme nazionali ed europee.

| Legenda | Nota | Descrizione | Materiale | Dimensione |
|---|---|---|---|---|
| **1** | | Apparecchio | 179Q 0000 002 | |
| **2** | | Scarico fumi | metallo | DN 200 |
| **3** | | Isolamento del raccordo scarico fumi | | |
| **4** | | Isolamento minerale | | |
| **5** | | Spazio d'aria di convezione intorno all'inserto | | |
| **6** | | Isolazione della parete | SILCA 250 | 2x40 mm |
| **6A** | | Isolazione del soffitto | SILCA 250 | 80 mm |
| **7** | | Parete di protezione | refrattario trafialto | 100 mm |
| **8** | | Parete infiammabile | | |

| | | | |
|---|---|---|---|
| **9** | Lastra di calcestruzzo | | |
| **10** | Pavimento infiammabile | | |
| **11** | Trave decorativa | | |
| **12** | Trave con intercapedine di ventilazione | | |
| **13** | Ingresso aria di convezione | | 900 $cm^2$ |
| **14** | Uscita aria di convezione | | 1070 $cm^2$ |
| **15** | Rivestimento | SILCA 250 | 40 mm |
| **16** | Telaio di supporto | | |
| **17** | Soffitto infiammabile | | |
| **18** | Pannello isolante protettivo per pavimenti infiammabili | SILCA 250 | 40 mm |
| **19** | Gestione dell'aria comburente | | |
| **20** | Copertura in lamiera con utilizzo di lana di roccia | | |
| **21** | Se necessario, piastra di protezione sotto l'apparecchio | | |
| **$d_C$** | Dall'alto della bocchetta aria superiore al soffitto combustibile | | 500 mm |
| **$d_{C1}$** | – Dalla parte superiore dell'inserto caminetto alla parte inferiore dell'isolazione del soffitto<br>– In caso di utilizzo scambiatore di calore, dal bordo superiore dello scambiatore alla parte inferiore dell'isolamento del soffitto | | 300 mm<br>--- mm |
| **$d_{S4}$** | Dal bordo posteriore e laterale dell'inserto del caminetto fino all'interno dell'isolazione | | 120 mm |
| **$d_{S5}$** | Dal bordo anteriore dell'inserto caminetto fino all'interno dell'isolazione | | 10 mm |
| **$d_B$** | Dal fondo dell'inserto caminetto al pavimento ignifugo | | 50 mm |

**Avviso:** I pannelli di protezione antincendio / isolamento SILCA® 250SB possono essere sostituiti da un materiale non infiammabile adatto con una conduttività termica (λ) ≤ 1,1 $W \cdot m^{-1} \cdot K^{-1}$.

Parete di protezione – refrattario trafialto (spessore 100 mm) possono essere sostituiti da un materiale non infiammabile adatto con una conduttività termica (λ) ≤ 0,36 $W \cdot m^{-1} \cdot K^{-1}$.

