# Ekko U 67(34) h evo

## Data sheet

**Details**

- Fireplace insert, open on three sides
- 67(34)51 – Height 51 cm
  67(34)57 – Height 57 cm
- Guillotine door, not supplied selfclosing from the factory
- Fixed front, side parts hinged
- Glass: 3-section
- Air module with Primary air shutdown
- Integrated flame correction for a straight flame
- Adjustable feet adjustable in height (manually/allen key)
- High-grade cast-iron dome, all parts can be moved, adjustable between 0 – 90°

**Standard**

- Kristall front
- Combustion air connector 125 mm

**Optional**

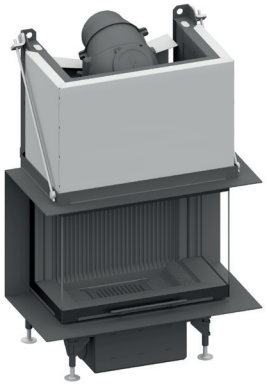
- Inner lining: chamotte white, anthracite and cast iron anthracite
- Selfclosing door
- Combustion air connector 150 mm
- Frames
- Frame system
- Support panel

**Accesories**

- Hot water topmounted element
- External fuel-door
- Heat exchanger
- Top mounted heat exchanger
- Catalyst plates
- Auxiliary air mechanism
- Storage system SET 1
- Storage system SET 2
- Storage system SET 3
- Adera
- Safety controller
- Support frame
- Base frame

*Ekko U 67(34)51 h evo with Chamotte white*

*Ekko U67(34)51 h evo with Chamotte anthracite*



*Ekko U 67(34)51 h evo with BRS and Cast iron anthracite*

[1] The calculation was calculated according to TROL 2022 - Chapter 7.2.3.1 Supply and re-circulation air cross sections. Free cross section in $cm^2$ for grid or breakthrough tile based on the heat output for air heating. Supply air grille 240 $cm^2$/kW, recirculation air grille 200 $cm^2$/kW. The calculated values may be exceeded or fallen short of by up to 20%.

[2] When connected directly to the outside air, combustion is not dependent on the direct ambient air.

[3] The information regarding flue lengths is a recommendation and based on the calculation in accordance with TROL 2022 chapter 15. The calculation is based on a medium-heavy design and a flue ratio of 360 $cm^2$.

[4] Average value based on the storage time. Dependent on the material properties and the construction thickness. Mean specific heat distribution = approx. 500 W / $m^2$

There may be modifications to the colour and technical details caused by ongoing developments; subject to errors and omissions. Dated: 08/2025

Energy efficiency class in accordance with (EU) 2015/1186

1. Federal Emissions Control Ordinance Stage 2

Made in Germany

# Ekko U 67(34) h evo

## Data sheet

**Technical data**

| | | |
|---|---|---|
| • Nominal heat output | | 6,8 kW |
| • Thermal output range | | 3,2 – 7,1 kW |
| • Efficiency | | ≥80 % |
| • Insulation thickness (with a wall that does not need to be protected, based on TROL 2022, Reference insulation material) | | 80 mm |
| • Insulation thickness (Combustible components based on TROL 2022) | | WDS 2 - WDS 4 H |
| • Combustion air connector | | Ø 125 mm |
| • Type of combustion air supply | | $VL_{Room,}$ $VL_{External}$ |
| • Recommended length of logs | | 33 cm |
| • Weight | | 252 kg |
| • Heat distribution through the viewing window | | 70 % |
| • Heat distribution: convective output | | 30 % |
| • Recommended free cross-section[1] | Supply air | 840 cm² |
| | Recirculation air | 700 cm² |

**Data for chimney sweep** according to DIN EN 13384 (closed operation)

**Triple values with nominal heat output**

| | |
|---|---|
| • Flue gas mass flow | 8,7 g/s |
| • Flue gas temperature | 240 °C |
| • Required delivery pressure | 12 Pa |

**Triple values for calculating ceramic flues** (wood fuel)

| | |
|---|---|
| • Firing power | 22,2 kW |
| • Flue gas mass flow | 15,9 g/s |
| • Flue gas temperature upstream of the connecting surface | 340 °C |
| • Required delivery pressure at the flue gas connector | 15 Pa |
| • Combustion air requirement[2] | 88,8 m³/h |
| • Recommended flue length[3] | 1,7 m |
| • Fuel conversion | 5,3 m³/h |

**Data for closed design**

| | |
|---|---|
| • Minimum heat-emitting surface[4] | 3,3 m² |

[1] The calculation was calculated according to TROL 2022 - Chapter 7.2.3.1 Supply and recirculation air cross sections. Free cross section in cm² for grid or breakthrough tile based on the heat output for air heating. Supply air grille 240 cm²/kW, recirculation air grille 200 cm²/kW. The calculated values may be exceeded or fallen short of by up to 20%.

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Energy efficiency class in accordance with (EU) 2015/1186

1. Federal Emissions Control Ordinance Stage 2

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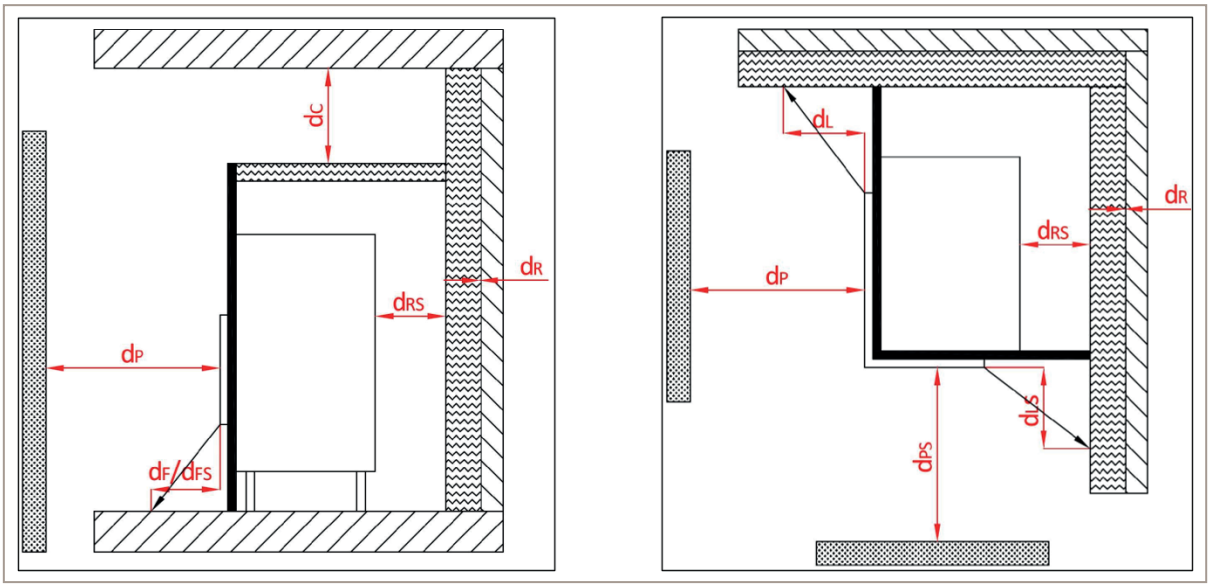
# Ekko U 67(34) h evo

## Side radiation area convective hot air



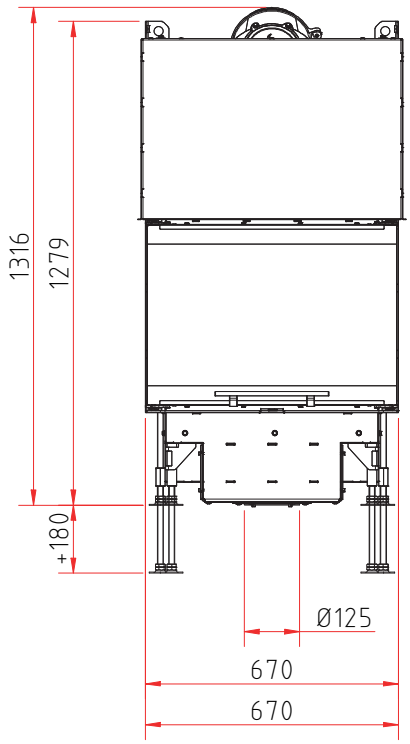

*View from the side and from above*

| **Minimum distance to combustible materials:** | **Abbr.** | **Fireplace inserts:** |
|---|---|---|
| | | Ekko U 67(34) h evo |
| ceiling | $d_C$ | > 750 mm |
| rear and side (between the insulation and the test wall) | $d_R$ | 0 mm |
| rear and side (between the insulation and the insert) | $d_{RS}$ | 70 mm |
| side radiation area front glass | $d_L$ | --- |
| side radiation area side glass | $d_{LS}$ | 0 mm |
| to adjacent combustible materials front glass | $d_P$ | 900 mm |
| to adjacent combustible materials side glass | $d_{PS}$ | 800 mm |
| distance on the floor to the front | $d_F$ | 0 mm |
| distance on the floor to the side | $d_{FS}$ | 0 mm |

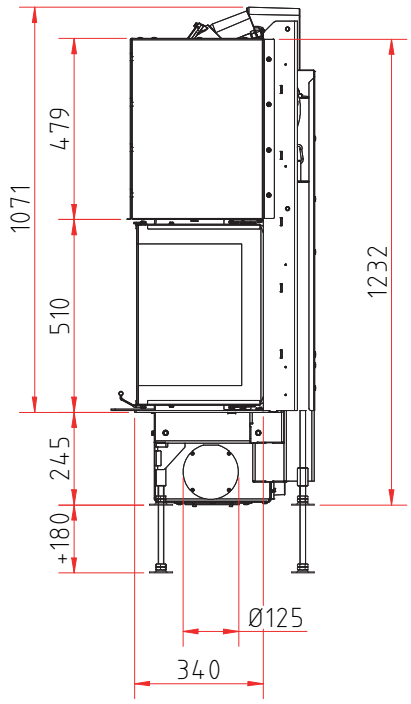
# Ekko U 67(34)51 h evo

## Dimensional drawing

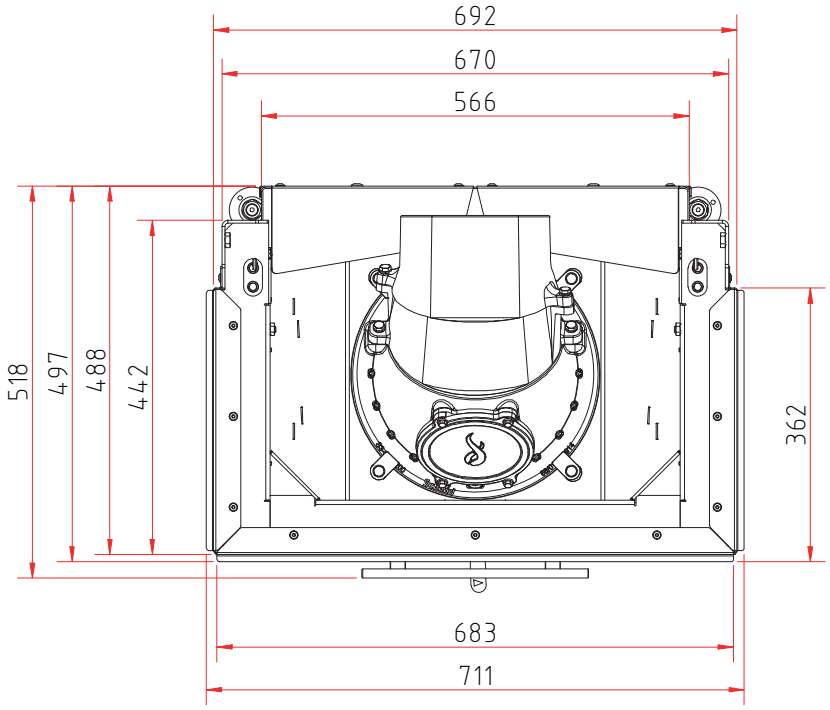
**Front view, scale 1:20**




**Side view, scale 1:20**



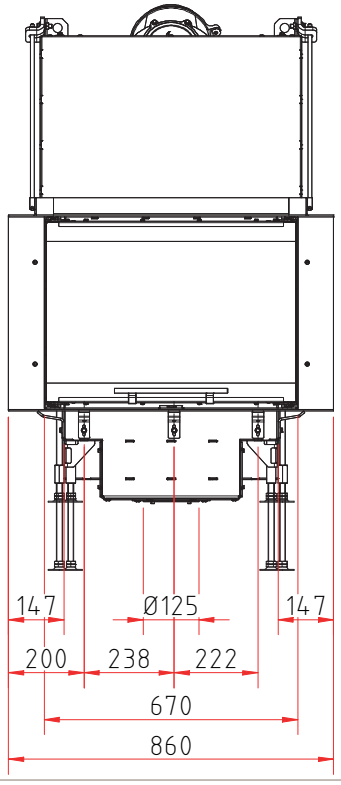

**Top view, scale 1:20**



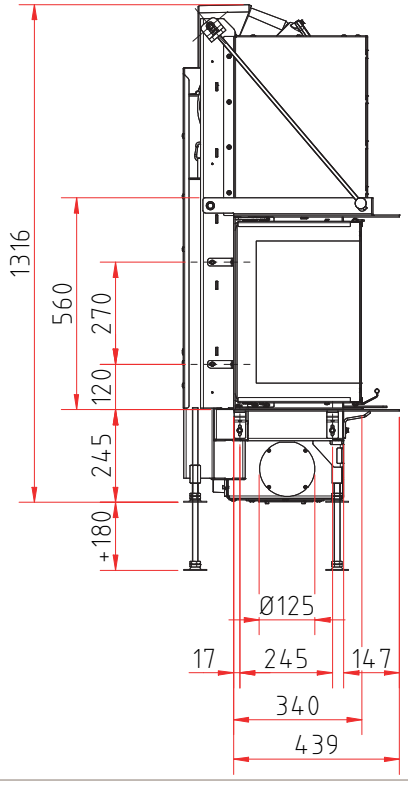
# Ekko U 67(34)51 h evo

## Dimensional drawing with frame system

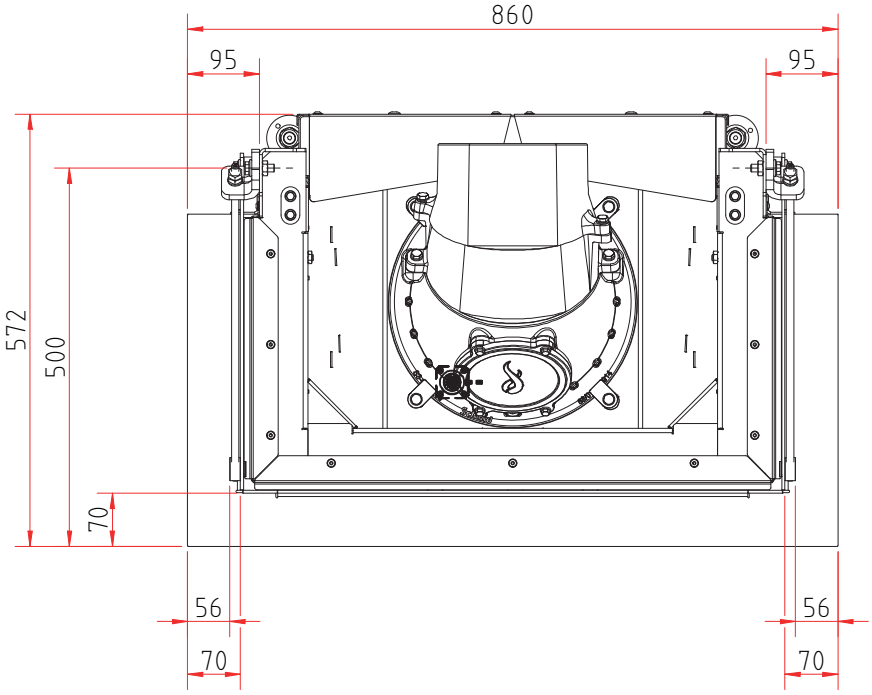
**Front view, scale 1:20**




**Side view, scale 1:20**



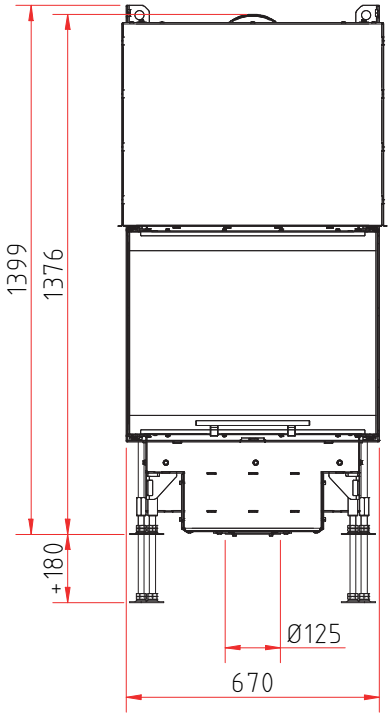

**Top view, scale 1:10**



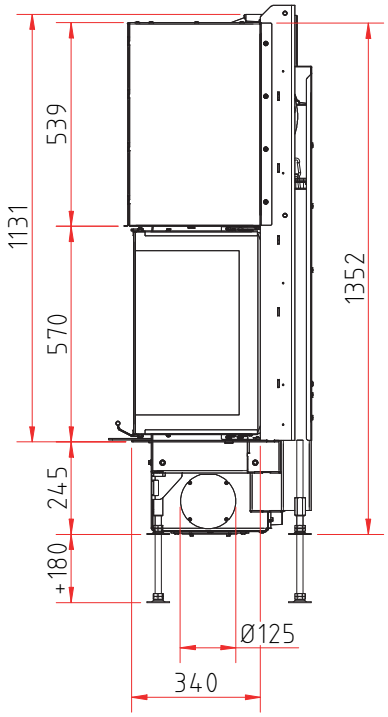
# Ekko U 67(34)57 h evo

## Dimensional drawing

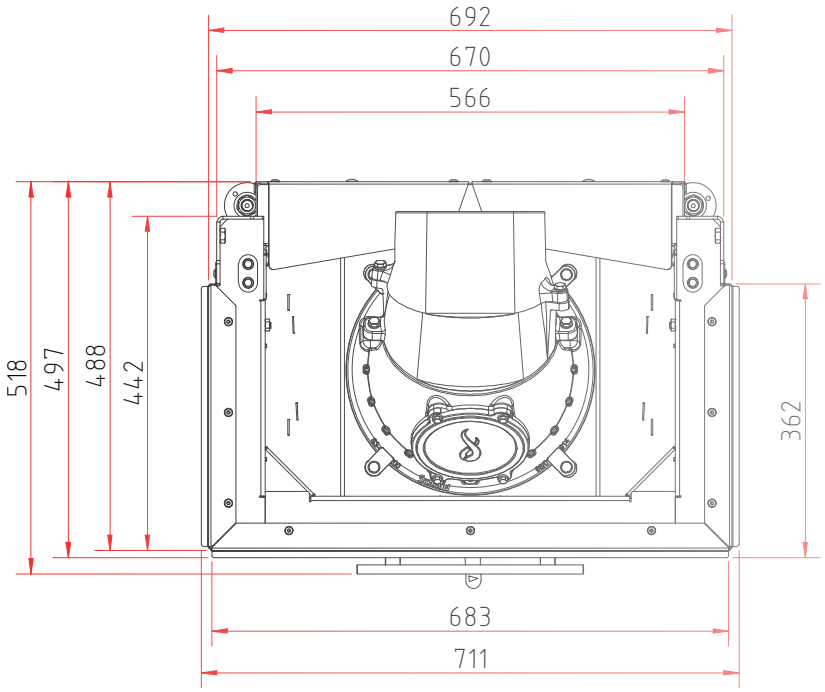
**Front view, scale 1:20**




**Side view, scale 1:20**



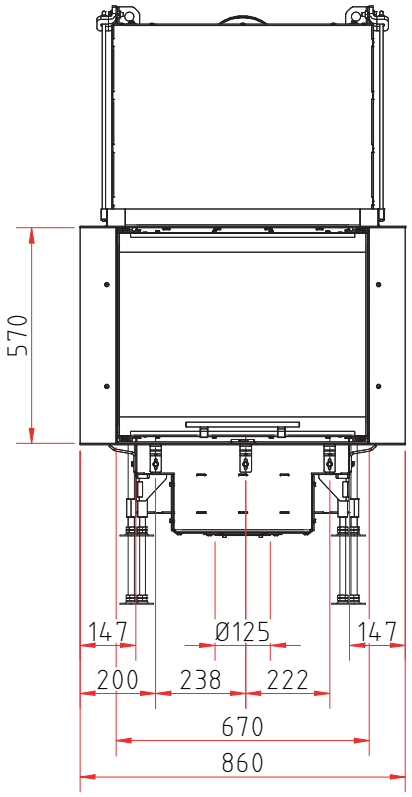

**Top view, scale 1:10**



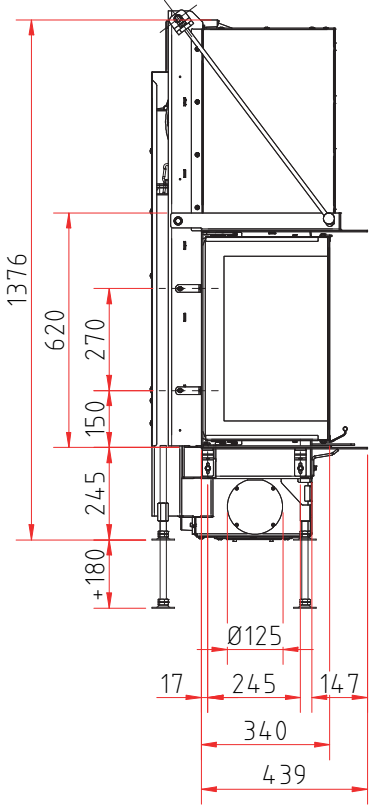
# Ekko U 67(34)57 h evo

## Dimensional drawing with frame system

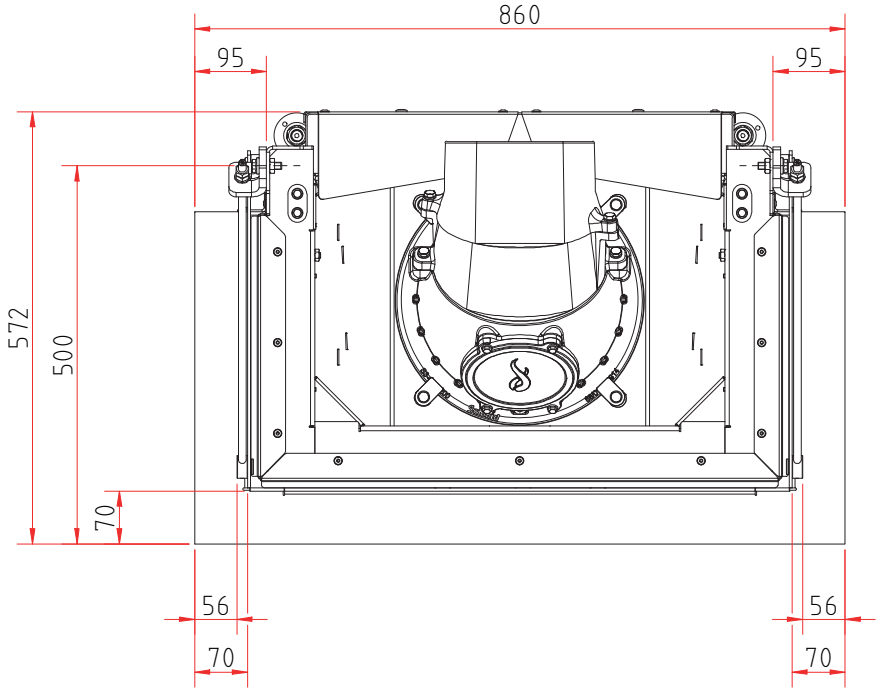
**Front view, scale 1:20**




**Side view, scale 1:20**




**Top view, scale 1:10**



# Product data sheet

Regulation (EU) 2015/1186 supplementing Directive 2010/30/EU

| | **Ekko U 67(34) evo** |
|---|---|
| **Supplier's name:** | Camina & Schmid Feuerdesign und Technik GmbH & Co. KG |
| **Supplier's model identifier:** | Ekko U 67(34) evo |
| **Energy efficiency class:** | A |
| **Direct heat output (kW)** | 6,8 |
| **Indirect heat output (kW):** | – |
| **Energy efficiency index (EEI):** | 106,0 |
| **Energy efficiency at nominal heat output (%):** | ≥ 80,0 |
| **Notes for specific precautions, installation or maintenance:** | Please note the reference in the assembly instructions and operating manuals! |

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| | **Ekko U 67(34) evo** |
|---|---|
| **Room heat output (kW)** | 6,8 |
| **Partial load-thermal output (kW)** | – |
| **Partial load-room heat output (kW)** | – |
| **Efficiency partial load - thermal output (%)** | – |
| **Room heating annual efficiency at nominal heat output** | 70 |
| **CO - Emissions (13% O2) at nominal heat output ($mg/m^3$)** | < 1250 |
| **NOX - Emissions (13% O2) at nominal heat output($mg/m^3$)** | < 200 |
| **OGC - Emissions (13% O2) at nominal heat output ($mg/m^3$)** | < 120 |
| **Particles - Emissions (13% O2) at nominal heat output ($mg/m^3$)** | < 40 |
| **Required delivery pressure at nominal heat output (Pa)** | 12 |
| **Required delivery pressure at partial load-thermal output (Pa)** | – |
| **Chimney designation according chimney standard** | T 400 |
| **Suitable for continuous burning operation (CON) or part-time operation (INT)** | INT |
| **Minimum distance to combustible components based on TROL 2022** | WDS 2 - WDS 4H |
| **Maximum carrying capacity by chimney (kg)** | 100 |

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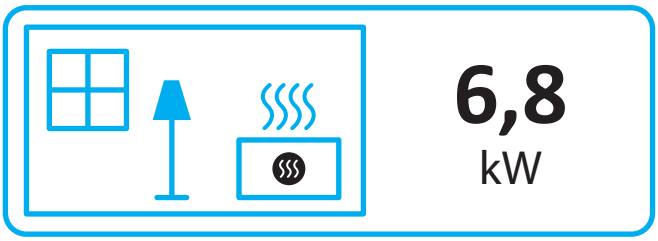
Camina Schmid **Ekko U 67(34) evo**


**A**



**6,8**
kW

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**2015/1186**