



## GE30+

The specific range for the evacuation of gases in generator sets, data centers, fire pumps and cogeneration systems in dry conditions

Double-wall stainless steel modular chimney with external seal and intermediate insulation of 30 mm rock wool with a density of 130 kg/m<sup>3</sup>

### FIRE RESISTANCE CLASSIFICATION: EI180 ve-ho (o?i)

The DINAK GE30+ range has been tested in accordance with test standard EN 1366-13, specifically for chimneys, and classified as "fire resistant" according to the new EN 13501-2-2023 classification standard

This solution prevents the spread of fire from outside to inside, vertically and horizontally

## ★ Benefits

### Variety

The Dinak GE+ product range is available in different insulation thickness configurations (30 mm, 50 mm or 100 mm), in order to select the one that best suits the needs of each installation

### No compensators

Individual absorption of internal and external wall expansion without the need for additional compensators

### Easy installation

The connection system between parts facilitates their installation, speeding up installation times and guaranteeing gas tightness. Assembly without the need for press-fitting

## Technical features

### Generic

Overlap: 40 mm

External silicone seal at the joints between elements to guarantee watertightness

Absence of thermal bridging and individual absorption of internal and external wall expansion in each element without the need to install compensators and additional fixed points

Safety-End on all parts for greater safety and mechanical resistance

Removable

### Materials and thicknesses

#### Inner wall:

AISI 304 BA (1.4301) or AISI 316L BA (1.4404) stainless steel

#### Thickness:

0.4 mm from Ø80/140 to 600/660 mm

#### Outer wall:

AISI 304 BA (1.4301) or AISI 316L BA (1.4404) stainless steel

#### Thicknesses:

0,4 mm from Ø80/180 to 300/360 mm

0.5 mm from Ø350/410 to 600/660 mm

Stainless steel AISI 409L BA (1.4512) "consult Dinak"

#### Thicknesses:

0.4 mm from Ø80/180 to 300/360 mm

0.6 mm from Ø350/410 to 600/660 mm

#### Insulation:

30 mm rock wool insulation with a density of 130 kg/m<sup>3</sup>

### Temperature classes

Up to 600 °C (T600)

### Sealing classes

H1 (up to 5,000 Pa overpressure)

### Diameters

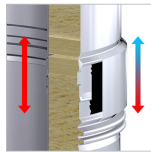
80/140	100/160	125/185
150/210	175/235	200/260
250/310	300/360	350/410
400/460	450/510	500/560
550/610	600/660	

**Certifications**

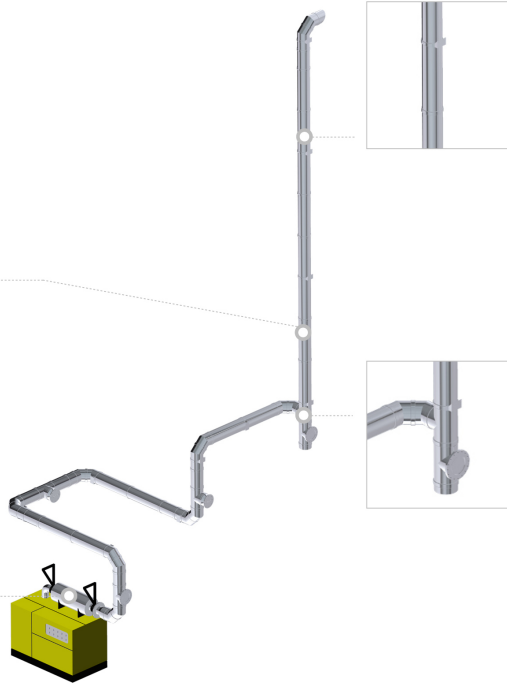


**Assembly**

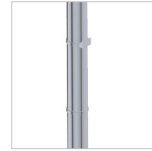
Free expansion of the inner wall in the female and fixed in the male. Due to the high insulation, there is no need for an external expansion joint.



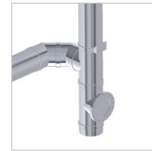
The connection between equipment and the duct must be a fixed point, without vibration or expansion of equipments, whether it is flanged or welded.



Outer wall temperature.



Implosion and explosion protection panels to protect the chimney from possible damage caused by implosions due to sudden engine shutdowns or explosions of unburnt fuel in the chimney.



Do you want more information about **GE30+**?

**Contact us**

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