# PRODUCT OVERVIEW

Product overview
Produktübersicht
Aperçu des produits
Productoverzicht
Ürüne genel bakış

eka
edelstahlkamine

# eka stainless steel chimneys in use

Roof ducts

Industrial systems

Smoke pipe connections

Bread oven

Laundry chutes

Cantilever systems

Freestanding installations

Bakery

The range of eka products includes not only single- and double-walled flue and chimney systems in a variety of designs — e.g. with metallic sealing or flange connections — but also shaft systems. We also supply flexible and rigid pipe systems in various models and plastic products.

**eka specialises in bespoke products to fit individual clients' needs. We are happy to supply custom-made products to order.**

# Not just curves
# Product overview


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Technical assistance and quotations. Our service team will be pleased to advise you:


Tel.: (+49) 9225 981-01
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## Single-walled chimney system eka complex E
Wall thickness 0.6 mm und 1.0 mm

**Single connection**

installation in a chimney or a shaft
simple occupancy
negative pressure, max. exhaust temperature 600°C
positive pressure, max. exhaust temperature 200°C
wet

Einbau im Schacht
Einfachbelegung
Unterdruck, Maximaltemperatur 600°C
Überdruck, Maximaltemperatur 200 °C
Betriebsweise feucht
Verwendung Hosenstücke möglich

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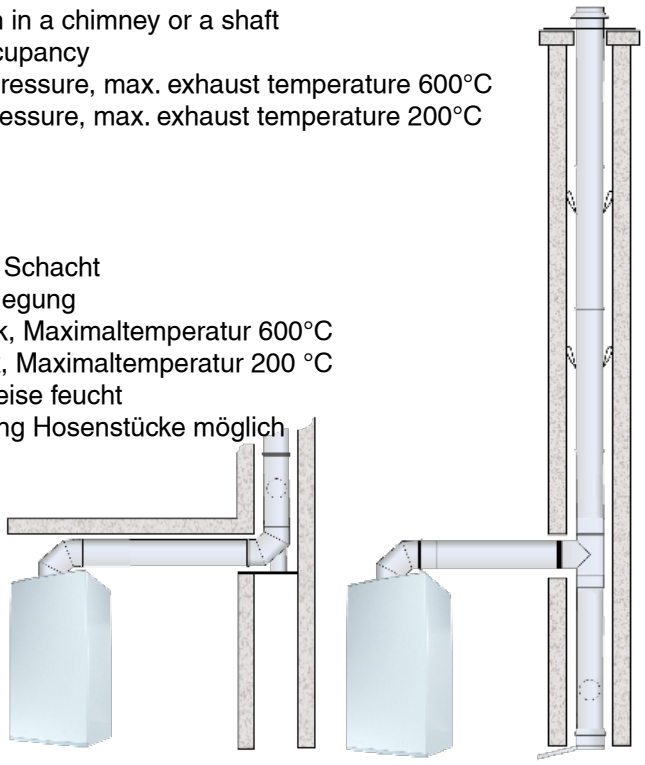


Enkelwandig rookgassysteem
eka complex E
Wanddikte 0,6 mm en 1,0 mm
Inbouw te maken in (bestaande of nieuwe) schacht
Eenvoudige montage
Onderdruk maximaaltemperatuur 600 °C
Overdruk maximaaltemperatuur 200 °C
Rookgascondenswater
Montage broekstuk mogelijk

Système d'évacuation simple parois, complexe E, paroi 0,6 mm et 1,0 mm
Prévu pour installation dans un boisseau ou cheminée maçonnée
pression négative, max. T° 600°C
pression positive, max. T° 200°C
Résistance au condensats classe W (sèches et humides) un tubage par conduit

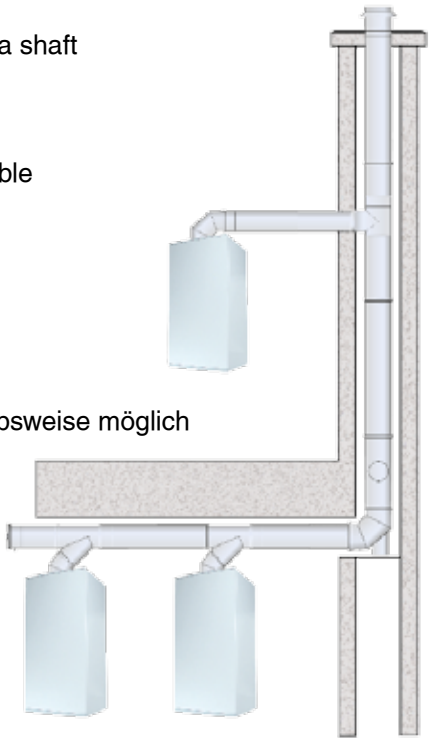
Tek cidarli baca sistemi
eka complex E
Cidar kalinligi 0,6 mm ve 1,0 mm
Bosluğa montaj
Tekli tahsis
Negatif basinç, maksimum isi 600°C
Pozitif basinç, maksimum isi 200 °C
Nemli işletim türü
Y parçaları kullanimi mümkündür

## Single-walled chimney system eka complex E
Wall thickness 0.6 mm und 1.0 mm

**Multiple connection**

installation in a chimney or a shaft
multiple occupancy
negative pressure
wet
room air independent possible

Einbau im Schacht
Mehrfachbelegung
Unterdruck
Betriebsweise feucht
raumluftunabhängige Betriebsweise möglich



Inbouw te maken in (bestaande of nieuwe) schacht
Meerdere montagemogelijkheden
Onderdruk
Rookgascondenswater
Onafhankelijke luchttoevoer mogelijk

Prévu pour installation dans un boisseau ou cheminée maçonnée
pression négative, max. T° 600°C
pression positive, max. T° 200°C
Résistance au condensats classe W (sèches et humides)
Selon possibilité de plusieurs tubages par conduit.
Peut servir d'apport d'air comburant.

Bosluğa montaj
Çoklu tahsis
Negatif basinç
Nemli işletim türü
Oda havasindan bağimsiz işletim mümkündür

Dubbelwandig rookgassysteem
Eka complex D
Isolatiedikte 25 mm / 50 mm
Eka complex cosmos D
Montage aan de buitengevel
Eenvoudige montage
Onderdruk maximaaltemperatuur 600 °C
Overdruk maximaaltemperatuur 200 °C
Rookgascondenswater

Cheminée double parois 0,6 complex D
Isolation Thermique 25 mm et 50 mm.
Implantation dans le bâtiment
pression négative, max. T° 600°C
pression positive, max. T° 200°C
Résistance au condensats classe W
(sèches et humides)

Çift cidarlı baca sistemi
eka complex D
Yalıtım kalınlığı 25 mm / 50 mm
eka complex cosmos D
Binaya montaj
Tekli tahsis
Negatif basınç, maksimum ısı 600°C
Pozitif basınç, maksimum ısı 200 °C
Nemli işletim türü

## Double-wall chimney system eka complex D

**Single connection**

insulating thickness 25 mm | insulating thickness 50 mm

eka complex D | eka complex cosmos D | eka complex D

annex at the building
simple occupancy
negative pressure, max. exhaust temperature 600°C
positive pressure, max. exhaust temperature 200°C
wet

Anbau am Gebäude
Einfachbelegung
Unterdruck, Maximaltemperatur 600°C
Überdruck, Maximaltemperatur 200 °C
Betriebsweise feucht

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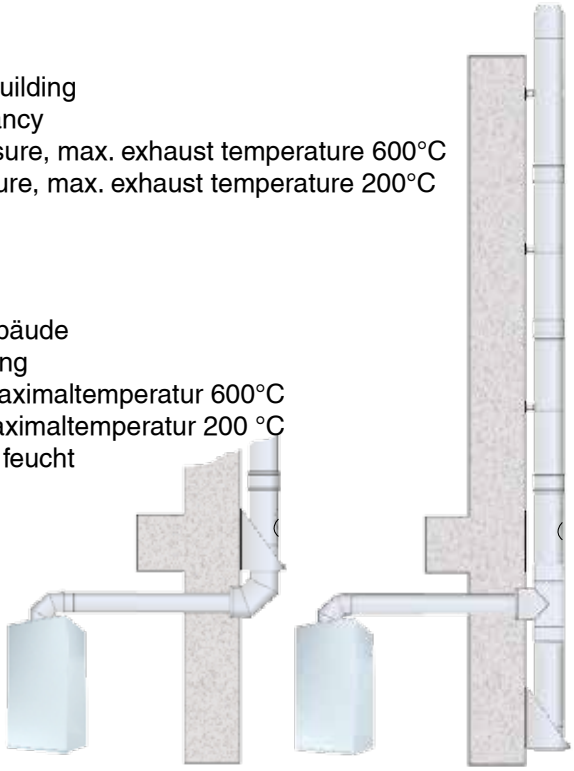


Montage aan de buitengevel
Meerdere montagemogelijkheden
Onderdruk
Rookgascondenswater
Onafhankelijke luchttoevoer mogelijk

Utilisation adossé au bâtiment
Résistance au condensats classe W
(sèches et humides)
Peut servir d'apport d'air
comburant.

Binaya montaj
Çoklu tahsis
Negatif basınç
Nemli işletim türü
Oda havasından bağımsız işletim
mümkündür

## Double-wall chimney system eka complex D

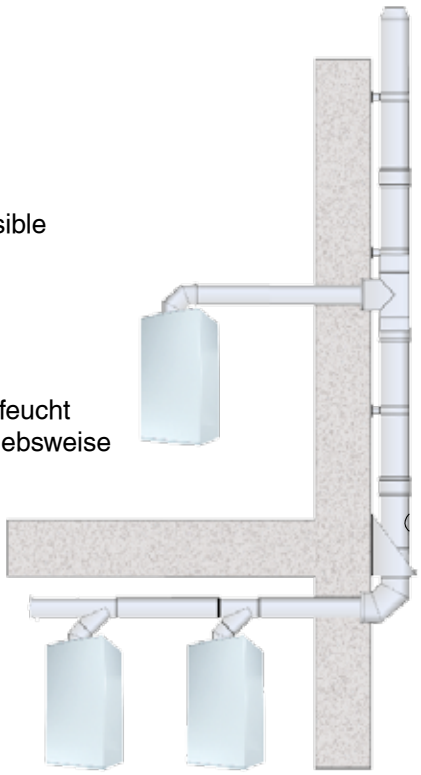
**Multiple connection**

insulating thickness 25 mm | insulating thickness 50 mm

eka complex D | eka complex cosmos D | eka complex D

annex at the building
multiple occupancy
negative pressure
wet
room air independent possible

Anbau am Gebäude
Mehrfachbelegung
Unterdruck Betriebsweise feucht
raumluftunabhängige Betriebsweise
möglich

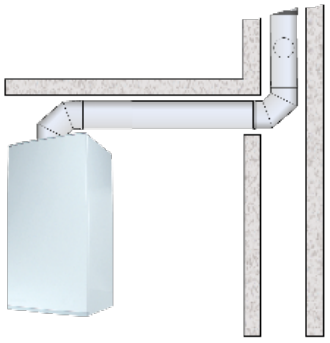


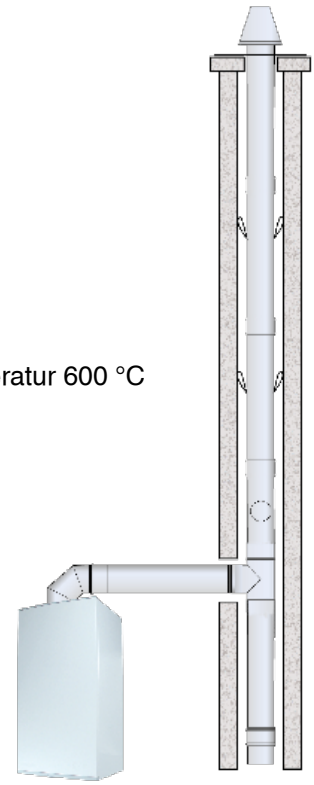
## Metallic sealing system
## Eka complex medi E (single walled)
Wall thickness 0.6 mm

installation in a chimney or a shaft
simple occupancy
positive pressure max. 5000 Pa, max.
exhaust
temperature 600°C
wet

Einbau im Schacht
Einfachbelegung
Überdruck bis 5000 Pa, Maximaltemperatur 600 °C
Betriebsweise feucht

*Alternative:*





Metaalafdichtend systeem
Eka complex medi E(enkelwandig)
Wanddikte 0,6 mm
Inbouw te maken in (bestaande of nieuwe) schacht
Eenvoudige montage
Overdruk tot 5000 Pa,
maximaaltemperatuur 600 °C
Rookgascondenswater

Prévu pour installation dans un boisseau ou cheminée maçonnée
pression négative jusqu'à 5000 Pa,
max. T° 600°C
Résistance au condensats classe W (sèches et humides) un tubage par conduit

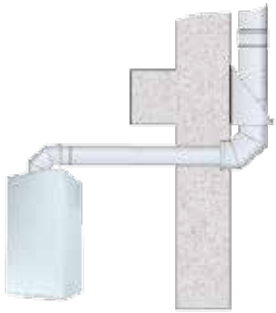
Metal sızdırmaz sistem
eka complex medi E (tek cidarli)
Cidar kalinligi 0,6 mm
Boşluğa montaj
Tekli tahsis
Pozitif basinç 5000 Pa'ya kadar,
maksimum isi 600 °C
Nemli işletim türü

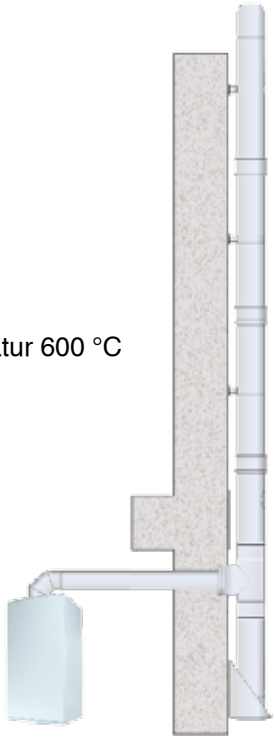
## Metallic sealing system
## eka complex medi D (double walled)
Insulation thickness 30 mm Ø 80-300 mm / Insulation thickness 50 mm from Ø 350-500 mm

annex at the building
simple occupancy
positive pressure max. 5000 Pa, max.
exhaust
temperature 600°C
wet

Anbau am Gebäude
Einfachbelegung
Überdruck bis 5000 Pa, Maximaltemperatur 600 °C
Betriebsweise feucht

*Alternative:*





Metaalafdichtend systeem
Eka complex medi D (dubbelwandig)
Isolatiedikte 30 mm vanaf Ø 80-300 mm
Isolatiedikte 50 mm vanaf Ø 350-500 mm
Montage aan de buitengevel
Eenvoudige montage
Overdruk tot 5000 Pa,
maximaaltemperatuur 600 °C
Rookgascondenswater

Prévu pour installation dans un boisseau ou cheminée maçonnée
pression négative jusqu'à 5000 Pa,
max. T° 600°C
Résistance au condensats classe W (sèches et humides) un tubage par conduit

Metal sızdırmaz sistem
eka complex medi D (çift cidarli)
Yalıtım kalınlığı 30 mm Ø 80-300 mm
Yalıtım kalınlığı 50 mm Ø 350-500 mm
Binaya montaj
Tekli tahsis
Pozitif basınç 5000 Pa'ya kadar,
maksimum ısı 600 °C
Nemli işletim türü

Dubbelwandig rookgassysteem
Eka complex Europ D+E, 50 mm (D+E)
Wanddikte binnenpijp 1,0 mm
Montage aan de buitengevel
Inbouw te maken in (bestaande of nieuwe) schacht, Overdruk tot 5000 Pa, maximaaltemperatuur 600 °C / 200 °C
Rookgascondenswater
Maximale diameter 1000 mm

Implantation dans le bâtiment
pression négative, max. T° 600°C
pression positive, max. 5000 Pa, max. T° 600°C/200°C
Résistance au condensats classe W (sèches et humides)

Çift cidarlı baca sistemi
eka complex EUROP D+E
Yalıtım kalınlığı 50 mm (EUROP D+E)
Cidar kalınlığı iç boru 1,0 mm
Binaya montaj
Boşluğa montaj
Pozitif basınç 5000 Pa'ya kadar, maksimum ısı 600°C/200°C
Nemli işletim türü
Maksimum çap 1000 mm

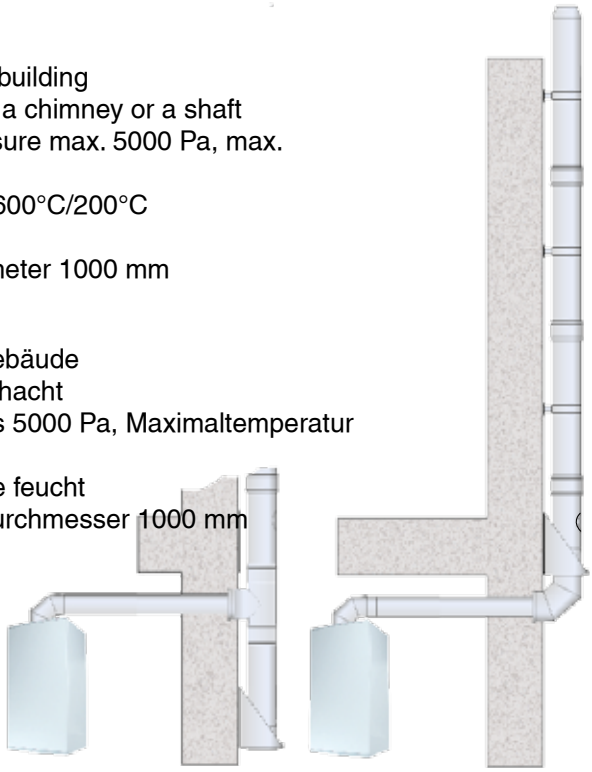
## Double-walled chimney system eka complex EUROP D + E

Insulation thickness 50 mm (EUROP D + E) Wall thickness of inner

Annex at the building
installation in a chimney or a shaft
positive pressure max. 5000 Pa, max. exhaust
temperature 600°C/200°C
wet
maximal diameter 1000 mm

Anbau am Gebäude
Einbau im Schacht
Überdruck bis 5000 Pa, Maximaltemperatur 600°C/200°C
Betriebsweise feucht
maximaler Durchmesser 1000 mm

*Alternative:*



Flexibel inox-/rvssysteem
Eka complex E FDL (dubbelwandig)
Eka complex E FEL (enkelwandig)
Wanddikte FDL 2 x 0,12 mm.
FEL 0,12 mm AISI 316L, Inbouw te maken in (bestaande of nieuwe) schacht
Onderdruk maximaaltemperatuur 600 °C
Overdruk maximaaltemperatuur 200 °C
Uitvoering enkel- of dubbelwandig
Rookgascondenswater

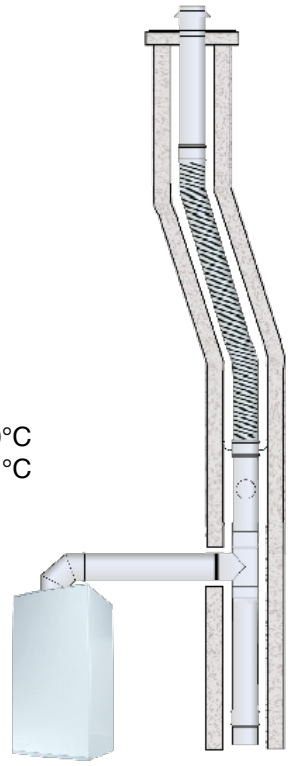
Flexible inox 316 L simple et double agraffage
paroi 1 x 0,12 / 2 x 0,12 mm.
Prévu pour installation dans un boisseau ou cheminée maçonnée
pression négative, max. T° 600°C
pression positive, max. T° 200°C
Résistance au condensats classe W (sèches et humides)

Esnek paslanmaz çelik sistemler
eka complex E FDL (çift katmanlı)
eka complex E FEL (tek katmanlı)
Cidar kalınlığı FDL 2 x 0,12 mm.
FEL 0,12 mm AISI 316L
Boşluğa montaj
Negatif basınç, maksimum ısı 600°C
Pozitif basınç, maksimum ısı 200 °C
Tek veya çift katmanlı tasarım
Nemli işletim türü

## Flexible stainless steel systems eka complex E FDL (double layered) / eka complex E FEL (single layered) Wall thickness FDL 2 x 0.12 mm. FEL 0.12 mm AISI 316L

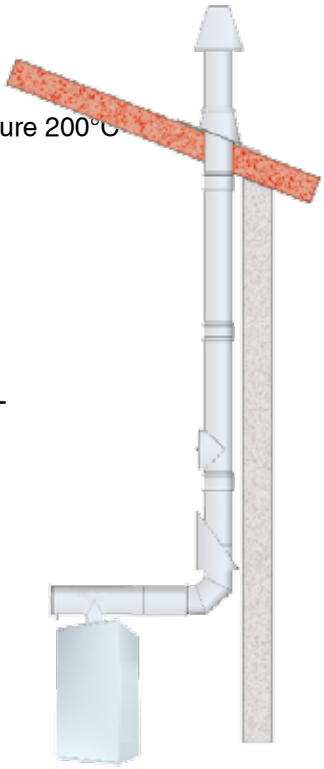
installation in a chimney or a shaft
negative pressure, max. exhaust temperature 600°C
positive pressure, max. exhaust temperature 200°C
single wall, double wall
wet

Einbau im Schacht
Unterdruck, Maximaltemperatur 600°C
Überdruck, Maximaltemperatur 200 °C
Ausführung ein- oder doppellagig
Betriebsweise feucht



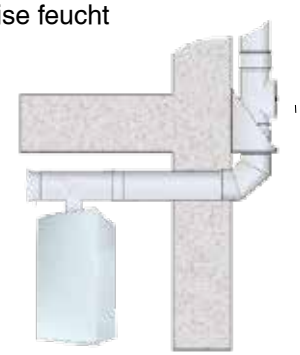
## Double pipe systems
eka complex E DR

annex at the building
installation inside a building
positive pressure, max. exhaust temperature 200°C
room air independent possible
wet



Anbau am Gebäude
Einbau im Gebäude
Überdruck, Maximaltemperatur 200 °C
raumluftunabhängige Betriebsweise mög-
lich Betriebsweise feucht

Alternative:



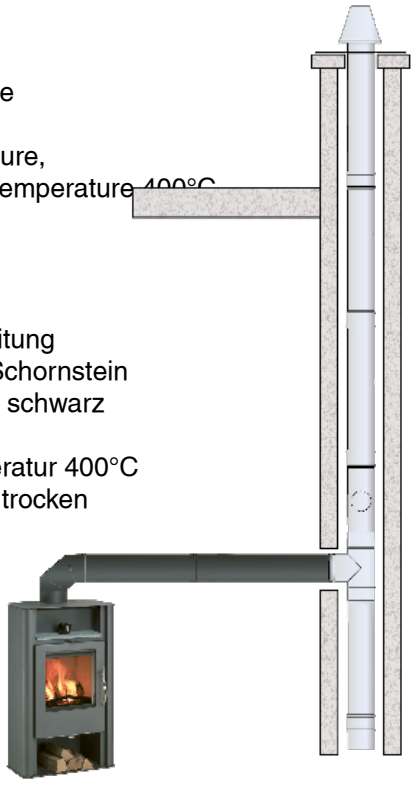
Dubbelwand rookgassysteem
Eka complex E DR
Montage aan de buitengevel
Montage binnentoepassing
Overdruk, maximaaltemperatuur 200 °C
Onafhankelijke luchttoevoer mogelijk
Rookgascondenswater

Système dit « 3 CE »
Utilisation adossé au bâtiment ou
dans le bâtiment.
pression positive, max. T° 200°C
Résistance au condensats classe W
(sèches et humides)
peut servir d'apport
d'air comburant.

Çift borulu sistemler
eka complex E DR
Binaya montaj
Bina içinde montaj
Pozitif basınç, maksimum ısı 200 °C
Oda havasından bağımsız işletim
mümkündür
Nemli işletim türü

## Flue pipes
## eka complex V
Sheet steel, wall thickness 2 mm

connecting pipe
steel, black
negative pressure,
max. exhaust temperature 400°C
dry



Verbindungsleitung
Feuerstätte - Schornstein
Material Stahl, schwarz
Unterdruck,
Maximaltemperatur 400°C
Betriebsweise trocken

Rookgasafvoerpijp
Eka complex V
Plaatstaal, wanddikte 2 mm
Aansluitverbinding
Open haard
Materiaal staal, zwart
Onderdruk
Maximaal 400 °C
Bedrijfsmatige droging

Raccordement du poêle
à la cheminée
Tuyau en acier, noir.
Utilisation de tirage naturel.
Température maximum 400° C,
utilisation sèche

Duman boruları
eka complex V
Çelik levha, cidar kalınlığı 2 mm
Bağlantı hattı
Ocak - Baca
Çelik malzeme, siyah
Negatif basınç,
Maksimum ısı 400°C
Kuru işletim türü

Rookgasafvoerpijp
Eka complex FAL
Plaatstaal, wanddikte 0,6 mm
Aansluitverbinding
Open haard
Materiaal staal, zwart
Onderdruk
Maximaal 400 °C
Bedrijfsmatige droging

Raccordement du poêle
à la cheminée
Tuyau en acier, noir.
Utilisation de tirage naturel.
Température maximum 400° C,
utilisation sèche

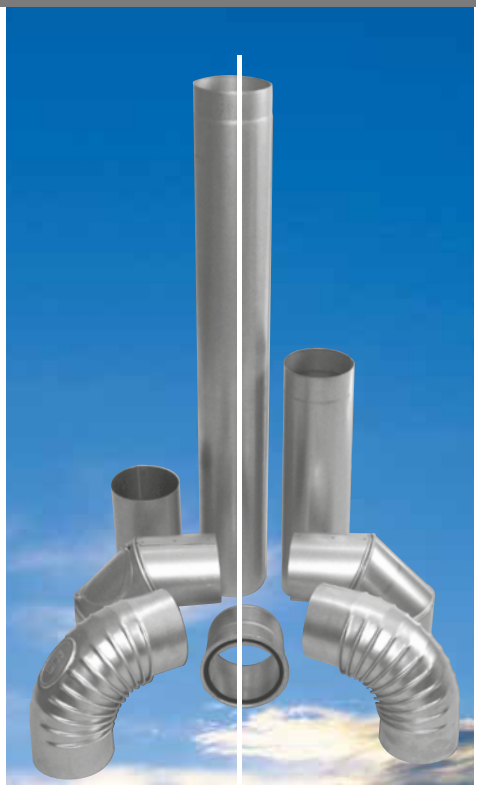
Duman boruları
eka complex FAL
Çelik levha, cidar kalınlığı 0,6 mm
Bağlantı hattı
Ocak - Baca
Çelik malzeme, siyah
Negatif basınç,
Maksimum ısı 400°C
Kuru işletim türü

## Flue pipe components

### Hot-dip aluminium coated sheet steel FAL, wall thickness 0.6 mm

single wall system, smoke pipe FAL
wall thickness 0,6 mm

Feueraluminiertes Stahlblech FAL
Wanddicke 0,6 mm



System ekalith complex L
Rookgaskanalen
Lichtgewichtbouwsysteem
Montage binnentoepassing
Kanaal met 90 minuten
brandwerendheid
Lichtgewichtbetonsteen
voor inbouw inox-/rvs
rookgasafvoersytemen

pour montage dans le bâtiment,
Boisseau pare feu 90 mn
en béton léger pouvant recevoir
un tubage en inox

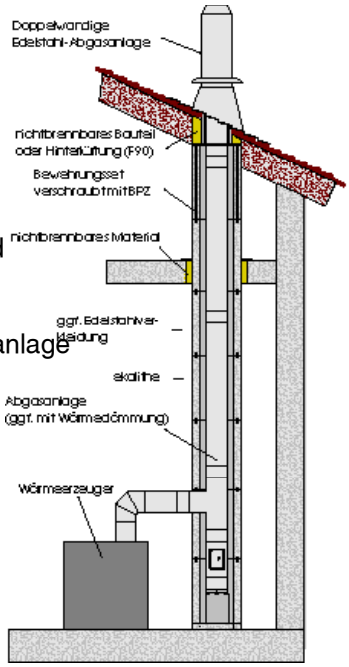
Ekalithe complex L sistemi
Atık gaz sistemleri bacaları
Hafif yapı sistemi
Bina içinde montaj
Yangın dirençli boşluk
90 dakika
Hafif beton kalıp taş
Paslanmaz çelik atık gaz
sistemleri için

## ekalithe complex L system
## Shafts for flue systems

### Lightweight construction system

installation inside a building
fire resistance 90 minutes
easy concrete
for inliner

Einbau im Gebäude
Schacht mit Feuerwiderstand
90 Minuten
Leichtbeton- Formstein
für Einbau Edelstahl- Abgasanlage



## eka compact system
## Shafts for flue systems
L90/L30 shaft system

installation inside a building
fire resistance 90 / 30 minutes silicate elements
for inliner

Einbau im Gebäude
Schacht mit Feuerwiderstand
90 / 30 Minuten
Schacht aus Silikat-Brandschutz-Platten für Einbau von
Edelstahl- Abgasanlagen

Systeem eka compact
Rookgaskanalen
L90/L30 kanaalsystemen
Montage binnentoepassing
Kanaal met 30 / 90 minuten
brandwerendheid
Brandwerende rookgaskanalen van
brandwerende cementgebonden platen
voor inbouw van inox-/rvs
rookgasafvoersystemen

pour montage dans le bâtiment,
Boisseau pare feu 90 / 30 mn
constitué de plaques en silicat
de calcium
pouvant recevoir un tubage en inox
éléments spéciaux pour réaliser
les dévoiements

Eka compact sistemi
Atık gaz sistemleri bacaları
L90/L30 boşluk sistemi
Bina içinde montaj
Yangın dirençli boşluk
90 / 30 dakika
Silikat yangından korunma plakalı
Boşluk, paslanmaz çelik
Atık gaz sistemleri için

## Chimney cowls

Construction on a shaft
several surfaces, weather steady
special measures possible

Aufbau auf Schacht
verschiedene Oberflächenstrukturen
witterungsbeständige Faserzementplatten
individuelle Maßanfertigung

Dakkap
Dakopbouw/dakkap
Verschillende afwerkingsoppervlakken
Weerbestendige vezelcementplaten
Individuele maatvoering

Sortie de Toiture
montage sur le boisseau ou cheminée maçonnée
Constitué de plaques fibres-ciment, résistantes aux intempéries différentes finition possibles,
dimensions adaptées à vos mesures

Yaka başları için
Boşluk üzerine montaj
Çeşitli yüzey yapıları
Hava şartlarına dayanıklı lif beton plakalar
Bireysel özel tasarım

Proven eka quality
for renovation, modernisation
and new constructions

**An individual look**

Brick Slate Copper Stainless steel matt

Muur-wand-/en dakdoorvoeren
Brandwerende doorvoer

traverse de paroi -et passage
de murale, -mural de plafond,
Exécution de toit

Duvar, tavan ve
çatı geçişi
Yangın korumalı geçiş

## Wall, ceiling and roof ducts

### Fire protection ducts

wall-, ceiling-, roof ducts

Wand-, Decken- und
Dachdurchführung
Brandschutzdurchführung

## Plastic flue pipes
## eka complex P

Rigid, flexible, concentric components/double pipe system

rigid, flexible, concentric
components/double pipe system

starre, flexible, konzentrische
Bauteile/Doppelrohrsystem

Kunststof rookgasafvoersysteem, Eka complex P
Starre, flexibel, concentrisch dubbelwandig rookgassy-
steem

Système de gaz brűlés d'à double paroi en
plastique,
conduit concentrique, flexible et rigide

Plastik – Atık gaz hattı, Eka complex P
Sabit, esnek, konsantrasyonlu Bileşenler/Çift borulu sistem

## Additional applications

- **Chromos stainless steel system**
  Internal pipe alternative material
  Wall thickness internal and external 0.5 mm
  Double-walled chromos D Article number 9250
- **Stainless steel air extraction system**
  Wall thickness 0.6 mm
  Article number 1306
- **Stainless steel ventilation system LB**
  Wall thickness 0.6 mm / 1.0 mm / 1.25 mm
  Article number 3600

- **Laundry chutes**
- **Stand-alone systems**
- **Ventilation towers**
- **Customised orders**

For further information please visit:
**www.eka-edelstahlkamine.de**

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