



**AIR
SPIRALO®**
VENTILATION DUCTS & FITTINGS



KEN-LOK Program



VENTILATION DUCTS & FITTINGS

Manufacturer of KEN-LOK circular pressed fittings

Air Spiralo Group is a leading manufacturer in the European ventilation industry. We manufacture circular metal ventilation ducts, pressed and non-pressed fittings, rectangular products and high-quality components. Our KEN-LOK range is the standard in the installation sector because of the high airtightness class ATC2. Since our production, distribution and warehouse activities are conducted all over Europe, we are able to deliver our products to customers with optimal efficiency and speed.

Reliable manufacturer of first-rate ventilation products

- The complete product range is available through technical wholesalers.
- An innovative inventory and warehouse management system supports our customers inventory management.
- Modern logistical and ICT systems support our production processes and foreign deliveries.
- We offer an exceptionally high quality of service: a deal is a deal.
- Partnership, reliability and quality are the core values of our international business operations.
- We strive to integrate as many sustainable methods as possible within our machinery and operational processes.
- Independent family business with locations in Netherlands, the United Kingdom, Finland and Poland

Our fittings are available in two versions:

- KEN-LOK: *with* rubber seal
- SPIRALO: *without* rubber seal

www.airspiralo.com

Highest airtightness ATC2, easy to install, save time, installation without tape, long lifespan, ideal for visible systems. The ventilation products of Air Spiralo make life easier for you.

Get started right away with our installation instructions videos

KEN-LOK makes life easy. Our KEN-LOK products are Plug & Play so quick and easy to install. In addition, we help you with short installation videos online.

Useful tips & tricks

Is it the first you work with our KEN-LOK products or do you want to brush-up your know-how? The films will show you in clear steps the different connection methods of our ventilation products. We also give you useful tips. Installing our products was already easy, with the help of these instructions it becomes even more simple.

Does the installation really go that fast?

Yes indeed! Our installation videos provide the proof. With these instructions you can install our ventilation fittings quickly and solid.

Want to watch right away?

Then scan one of these QR codes:



Fittings KEN-LOK

Damp proof KEN-LOK



Considerable change in installation with KEN-LOK

Scan this QR code to view all installation videos on our website:



Bends



Pressed bend 90° /
Segmented bend 90° R=1xd
KEN-LOK



Pressed bend 60° /
Segmented bend 60° R=1xd
KEN-LOK



Pressed bend 45° /
Segmented bend 45° R=1xd
KEN-LOK



Pressed bend 30° /
Segmented bend 30° R=1xd
KEN-LOK



Pressed bend 15° /
Segmented bend 15° R=1xd
KEN-LOK



Pressed bend 90° short /
Segmented bend 90° short
R<1xd KEN-LOK



Pressed bend 90° short for
fitting / Segmented bend
90° short for fitting R<1xd
KEN-LOK

Reducers



Pressed reducer male/male
KEN-LOK



Pressed reducer male/female
KEN-LOK



Reducer male/male KEN-LOK



Asymmetrical reducer male/
male KEN-LOK



Reducer male/female
KEN-LOK

T-pieces



T-piece 90° KEN-LOK



Reverse T-piece 90°
KEN-LOK



Twin bend trouser piece 45°
KEN-LOK



T-piece 45° KEN-LOK

Saddles



Pressed collar saddle
KEN-LOK



Collar saddle conical
KEN-LOK



Curved boot 45° KEN-LOK



Collar saddle at 45° KEN-LOK

Dampers



Balancing dampers
KEN-LOK



Shut-off dampers KEN-LOK



Iris dampers KEN-LOK



Back-draft shutters

Silencers



Silencer KEN-LOK



Silencing bend 90° KEN-LOK



Rectangular silencer
KEN-LOK

Fittings



Couplings



Take-offs



End caps



Mesh ends



X-pieces



Flanges



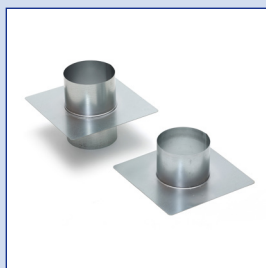
Access doors



Ventilation hoods



Deflector hoods



Wall plates take-off



Rain collars

Damp proof - Ducts and fittings



Spiralo duct damp proof
L=2000 KEN-LOK



Pressed bend 90° damp proof
/ Segmented bend 90° damp
proof R=1xd KEN-LOK



Pressed bend 45° damp proof
/ Segmented bend 45° damp
proof R=1xd KEN-LOK



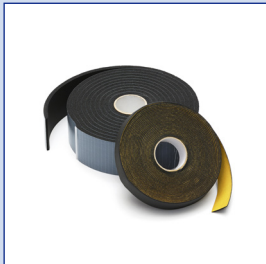
Pressed bend 90° short damp
proof R<1xd KEN-LOK



Reducer damp proof
KEN-LOK

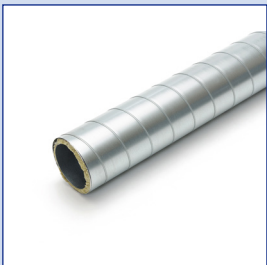


T-piece 90° damp proof
KEN-LOK



Elastomer sealing tape black

Insulated - Ducts and fittings



Insulated Spiralo duct L=3000
KEN-LOK



Insulated bend 90° KEN-LOK



Insulated bend 45° KEN-LOK



Insulated bend 30° KEN-LOK



Insulated bend 15° KEN-LOK



Insulated coupling KEN-LOK



Insulated reducer KEN-LOK



Insulated T-piece 90°
KEN-LOK



Insulated balancing damper
KEN-LOK

Fire dampers



Fire dampers KEN-LOK



Fire damper cartridges KEN-LOK

Flexible ducts

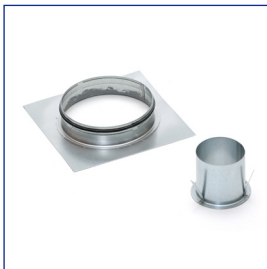


Flexible ducts



Metal clamps

Components



Sockets and wall stubs



Duct hole covers



Duct grills with volume flow control

Mounting material



Suspension rings



Suspension rings rubber lined



Slotted banding



Mounting material



Sealant and tape

Bends

Pressed bend 90° / Segmented bend 90° R=1xd KEN-LOK
 Pressed bend 60° / Segmented bend 60° R=1xd KEN-LOK
 Pressed bend 45° / Segmented bend 45° R=1xd KEN-LOK
 Pressed bend 30° / Segmented bend 30° R=1xd KEN-LOK
 Pressed bend 15° / Segmented bend 15° R=1xd KEN-LOK
 Pressed bend 90° short / Segmented bend 90° short
 R<1xd KEN-LOK
 Pressed bend 90° short for fitting / Segmented bend 90° short
 for fitting R<1xd KEN-LOK

GB9/RB9**GB6/RB6****GB4/RB4****GB3/RB3****GB1/RB1****GBS9/RBS9****GBHS9/RBHS9****Reducers**

Pressed reducer male/male KEN-LOK
 Pressed reducer male/female KEN-LOK
 Reducer male/male KEN-LOK
 Asymmetrical reducer male/male KEN-LOK
 Reducer male/female KEN-LOK

GV**GVH****V****AV****VH****T-pieces**

T-piece 90° KEN-LOK
 Reverse T-piece 90° KEN-LOK
 Twin bend trouser piece 45° KEN-LOK
 T-piece 45° KEN-LOK

RT9/T9**NT9****BR4****T4****Saddles**

Pressed collar saddle KEN-LOK
 Collar saddle conical KEN-LOK
 Curved boot 45° KEN-LOK
 Collar saddle at 45° KEN-LOK

ZR**ZS****ZSCB****SPH****Dampers**

Single cut-off blade damper KEN-LOK
 Single blade damper with gradual adjustment cup KEN-LOK
 Single blade damper with adjustment cup KEN-LOK
 Damper 100% closing KEN-LOK
 Damper 100% closing with motor shelf KEN-LOK
 Damper 100% closing with motor 24V 5Nm KEN-LOK
 Damper 100% closing with motor 230V 5Nm KEN-LOK
 Damper 100% closing with spring return motor
 24V 4Nm KEN-LOK
 Damper 100% closing with spring return motor
 230V 4Nm KEN-LOK
 Iris damper KEN-LOK
 Back-draft shutter

KLMSB**KLK****KLM****KLMC****KLMCM****KLMCM...LM24A****KLMCM...LM230A****KLMCM...LF24****KLMCM...LF230****ID****BDS****Silencers**

Silencer KEN-LOK
 Silencing bend 90° KEN-LOK
 Rectangular silencer KEN-LOK

CSRP**GLDB****RSRP/RSRF****Fittings**

Coupling male KEN-LOK
 Coupling female
 Coupling male long KEN-LOK
 Take-off 90° KEN-LOK
 Take-off 45° KEN-LOK
 Flatshoe KEN-LOK
 Pressed end cap for duct KEN-LOK
 End cap for duct KEN-LOK
 Pressed end cap for fitting
 End cap for fitting
 Mesh end KEN-LOK
 Bird beak 45° with mesh KEN-LOK
 X-piece 90° KEN-LOK
 X-piece 45° KEN-LOK
 Flange
 Tensioning ring galvanized with PE-seal
 Flange ring galvanized
 Cam tongs
 Access door for duct
 Fitting with access door KEN-LOK
 Chinese hat with mesh
 Chinese hat
 Roof jet cowl
 Wall plate take-off type 1
 Wall plate take-off type 2
 Rain collar

SV**SVH****SVL****FLB****FLBS****FLBF****DB****DBS****DH****DHS****GS****GS4****KRT9****KT4****FL****SPR****FR****NOKT****ADT****ADTC****RHG****RH****DK****PLPL1****PLPL2****RGR****Damp proof - Ducts and fittings**

Spiralo duct damp proof L=2000 KEN-LOK
 Pressed bend 90° damp proof / Segmented bend 90° damp proof
 R=1xd KEN-LOK
 Pressed bend 45° damp proof / Segmented bend 45° damp proof
 R=1xd KEN-LOK
 Pressed bend 90° short damp proof R<1xd KEN-LOK
 Reducer damp proof KEN-LOK
 T-piece 90° damp proof KEN-LOK
 Elastomer sealing tape black

SPBDI**GBDI9/RBDI9****GBDI4/RBDI4****GBSDI9****VDI****RTDI9/TDI9****ETDI****Insulated - Ducts and fittings**

Insulated Spiralo duct L=3000 KEN-LOK
 Insulated bend 90° KEN-LOK
 Insulated bend 45° KEN-LOK
 Insulated bend 30° KEN-LOK
 Insulated bend 15° KEN-LOK
 Insulated coupling KEN-LOK
 Insulated reducer KEN-LOK
 Insulated T-piece 90° KEN-LOK
 Insulated balancing damper KEN-LOK

SPBI**RB19****RB14****RB13****RB11****SVI****VI****TI****KLMI****Fire dampers**

Ultralight fire damper 60 min. KEN-LOK
 Fire damper 120 min. KEN-LOK
 Fire damper cartridge KEN-LOK
 Fire damper cartridge with valve KEN-LOK
 Fire damper Cosmo KEN-LOK

CR60M**CR2C****SC+60****SCV+60****SC+60COSMO****Flexible ducts**

Flexible duct Alu light 1.1.1.
 Flexible duct combi
 Metal clamp

FLEX...A**FLEX...CD****KMB**

Components

Socket	FLBL
Wall stub for duct	WO
Duct hole cover	VLG
Duct grill with volumeflow control	CDGV

Mounting material

Suspension ring M8	BS
Suspension ring M10	BS
Suspension ring rubber lined M8	BS...RUB
Suspension ring rubber lined M10	BS...RUB
Slotted banding	MON
Selfdrilling drill quicks	DQ
PVC Tape	COR
Duct sealant	RUBV
Aluminium tape	ALB

Lined writing area with a large light blue curved graphic on the left side.

KEN-LOK High-quality ventilation products

Our products are the main components of sustainable and energy-efficient ventilation systems. We manufacture our products in-house using the most advanced production lines available. Throughout the entire high-tech production process, we conduct inspections to safeguard compliance with our high quality standards. TÜV Rheinland conducts quality audits and certifies our products for production, dimensioning and airtightness.

These are the international standards that our ventilation products comply with:

- **Ducts**
NEN-EN 1506:2007 - NEN-EN 12237:2003 - NEN-EN 10346:2015
- **Fittings**
NEN-EN 1506:2007 - NEN-EN 12237:2003 - NEN-EN 10346:2015
- **Dampers**
NEN-EN 1506:2007 - NEN-EN 10346:2015 - NEN-EN 1751:2014
- **Silencers**
NEN-EN 1506:2007 - NEN-EN 7235:2009 - NEN-EN 10346:2015
NEN-EN 15727:2010

Scan the QR-code to view all certificates on our website:



Sustainable production for a healthy and comfortable living environment

At all our production sites, we manufacture our products using the latest high-tech machines and a constant focus on safe and sustainable entrepreneurship. Furthermore, we constantly strive to implement more efficient, energy-saving and cleaner work methods in our processes and create a pleasant and safe work environment for our employees.

We are proud of the fact that we, as a manufacturing company, became one of the first organisations in the ventilation sector to obtain a CSR certification in 2013, in accordance with the assessment criteria drawn up by the Metaalunie MVO-monitor (basis ISO 26000).





VENTILATION DUCTS & FITTINGS

KEN-LOK

Fittings

Dampers

Silencers

Access doors

Damp proof

Fire dampers

Insulated

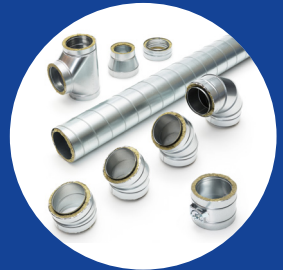
SPIRALO

Ventilation hoods

Flexible ducts

Components

Mounting material



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Member of Air Spiralo Group