



VENTILATION DUCTS & FITTINGS



**KEN-LOK Program
and flexible ducts**



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, Poland and Spain.

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



Reverse T-piece 90°
KEN-LOK



Twin bend trouser piece 45°
KEN-LOK



T-piece 45° KEN-LOK

Saddles

Pressed collar saddle
KEN-LOKCollar 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



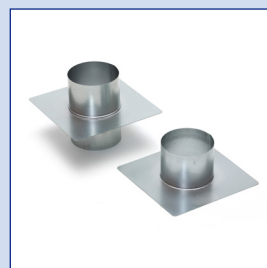
Access doors



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



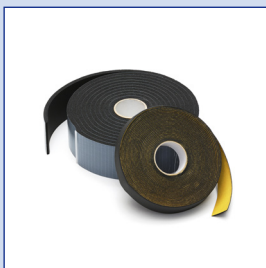
Pressed bend 90° short damp
proof R<1xd KEN-LOK



Reducer damp proof
KEN-LOK

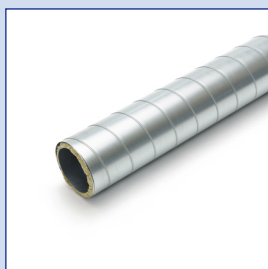


T-piece 90° damp proof
KEN-LOK



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



Aludec AA3



Sonodec SBIT



Sonodec 25

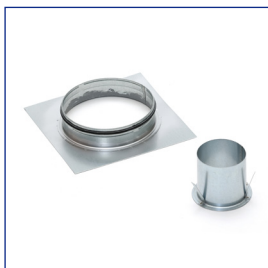


Sonodec non-woven



Aludec 245

Components



Sockets and wall stubs



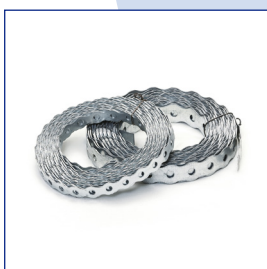
Duct hole covers

Duct grills with volume flow
control

Mounting material



Suspension rings

Suspension rings rubber
lined

Slotted banding



Mounting material



Sealant and tape

Bends		Fittings	
Pressed bend 90° / Segmented bend 90° R=1xd KEN-LOK	GB9/RB9	Coupling male KEN-LOK	SV
Pressed bend 60° / Segmented bend 60° R=1xd KEN-LOK	GB6/RB6	Coupling female	SVH
Pressed bend 45° / Segmented bend 45° R=1xd KEN-LOK	GB4/RB4	Coupling male long KEN-LOK	SVL
Pressed bend 30° / Segmented bend 30° R=1xd KEN-LOK	GB3/RB3	Take-off 90° KEN-LOK	FLB
Pressed bend 15° / Segmented bend 15° R=1xd KEN-LOK	GB1/RB1	Take-off 45° KEN-LOK	FLBS
Pressed bend 90° short / Segmented bend 90° short R<1xd KEN-LOK	GBS9/RBS9	Flatshoe KEN-LOK	FLBF
Pressed bend 90° short for fitting / Segmented bend 90° short for fitting R<1xd KEN-LOK	GBHS9/RBHS9	Pressed end cap for duct KEN-LOK	DB
		End cap for duct KEN-LOK	DBS
		Pressed end cap for fitting	DH
		End cap for fitting	DHS
		Mesh end KEN-LOK	GS
		Bird beak 45° with mesh KEN-LOK	GS4
	GV	X-piece 90° KEN-LOK	KRT9
	GVH	X-piece 45° KEN-LOK	KT4
	V	Flange	FL
	AV	Tensioning ring galvanized with PE-seal	SPR
	VH	Flange ring galvanized	FR
	AV	Cam tongs	NOKT
		Access door for duct	ADT
		Access door with edge protection KEN-LOK	ADCHR
	RT9/T9	Chinese hat with mesh	RHG
	NT9	Chinese hat	RH
	NT9	Roof jet cowl	DK
	BR4	Wall plate take-off type 1	PLPL1
	T4	Wall plate take-off type 2	PLPL2
		Rain collar	RGR
Reducers		Damp proof - Ducts and fittings	
Pressed reducer male/male KEN-LOK	GV	Spiralo duct damp proof L=2000 KEN-LOK	SPBDI
Pressed reducer male/female KEN-LOK	GVH	Pressed bend 90° damp proof / Segmented bend 90° damp proof R=1xd KEN-LOK	GBDI9/RBDI9
Reducer male/male KEN-LOK	V	Pressed bend 45° damp proof / Segmented bend 45° damp proof R=1xd KEN-LOK	GBDI4/RBDI4
Asymmetrical reducer male/male KEN-LOK	AV	Pressed bend 90° short damp proof R<1xd KEN-LOK	GBSDI9
Reducer male/female KEN-LOK	VH	Reducer damp proof KEN-LOK	VDI
Asymmetrical reducer male/male SPIRALO	AV	T-piece 90° damp proof KEN-LOK	RTDI9/TDI9
		Elastomer sealing tape black	ETDI
T-pieces		Insulated - Ducts and fittings	
T-piece 90° KEN-LOK	RT9/T9	Insulated Spiralo duct L=3000 KEN-LOK	SPBI
Reverse T-piece 90° KEN-LOK	NT9	Insulated bend 90° KEN-LOK	RBI9
Reverse T-piece 90° KEN-LOK	NT9	Insulated bend 45° KEN-LOK	RBI4
Twin bend trouser piece 45° KEN-LOK	BR4	Insulated bend 30° KEN-LOK	RBI3
T-piece 45° KEN-LOK	T4	Insulated bend 15° KEN-LOK	RBI1
		Insulated coupling KEN-LOK	SVI
		Insulated reducer KEN-LOK	VI
		Insulated T-piece 90° KEN-LOK	TI
		Insulated balancing damper KEN-LOK	KLMI
Saddles		Fire dampers	
Pressed collar saddle KEN-LOK	ZR	Ultralight fire damper 60 min. KEN-LOK	CR60M
Collar saddle conical KEN-LOK	ZS	Fire damper 120 min. KEN-LOK	CR2C
Curved boot 45° KEN-LOK	ZSCB	Fire damper cartridge KEN-LOK	SC+60
Collar saddle at 45° KEN-LOK	SPH	Fire damper cartridge with valve KEN-LOK	SCV+60
		Fire damper Cosmo KEN-LOK	SC+60COSMO
Dampers			
Single cut-off blade damper KEN-LOK	KLMSB		
Single blade damper with gradual adjustment cup KEN-LOK	KLK		
Single blade damper with adjustment cup KEN-LOK	KLM		
Damper 100% closing KEN-LOK	KLMC		
Damper 100% closing with motor shelf KEN-LOK	KLMCM		
Damper 100% closing with motor 24V 5Nm KEN-LOK	KLMCM...LM24A		
Damper 100% closing with motor 230V 5Nm KEN-LOK	KLMCM...LM230A		
Damper 100% closing with spring return motor 24V 4Nm KEN-LOK	KLMCM...LF24		
Damper 100% closing with spring return motor 230V 4Nm KEN-LOK	KLMCM...LF230		
Iris damper KEN-LOK	ID		
Back-draft shutter	BDS		
Silencers			
Silencer KEN-LOK	CSRPF/CSR		
Silencing bend 90° KEN-LOK	GLDB		
Rectangular silencer KEN-LOK	RSRP/RSRF		

Flexible ducts

Aludec AA3	DA3
Sonodec SBIT	SBIT
Sonodec 25	DS
Sonodec non-woven	SBI
Aludec 245	DA245

Components

Socket	FLBL
Wall stub for duct	WO
Duct hole cover	VLG
Duct grill with volume flow 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

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

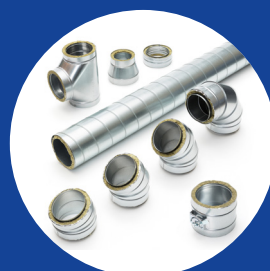
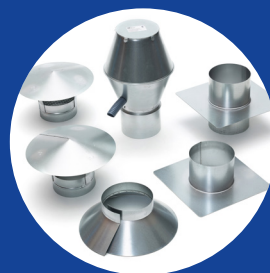
SPIRALO

Ventilation hoods

Flexible ducts

Components

Mounting material



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Member of Air Spiralo - DEC Group