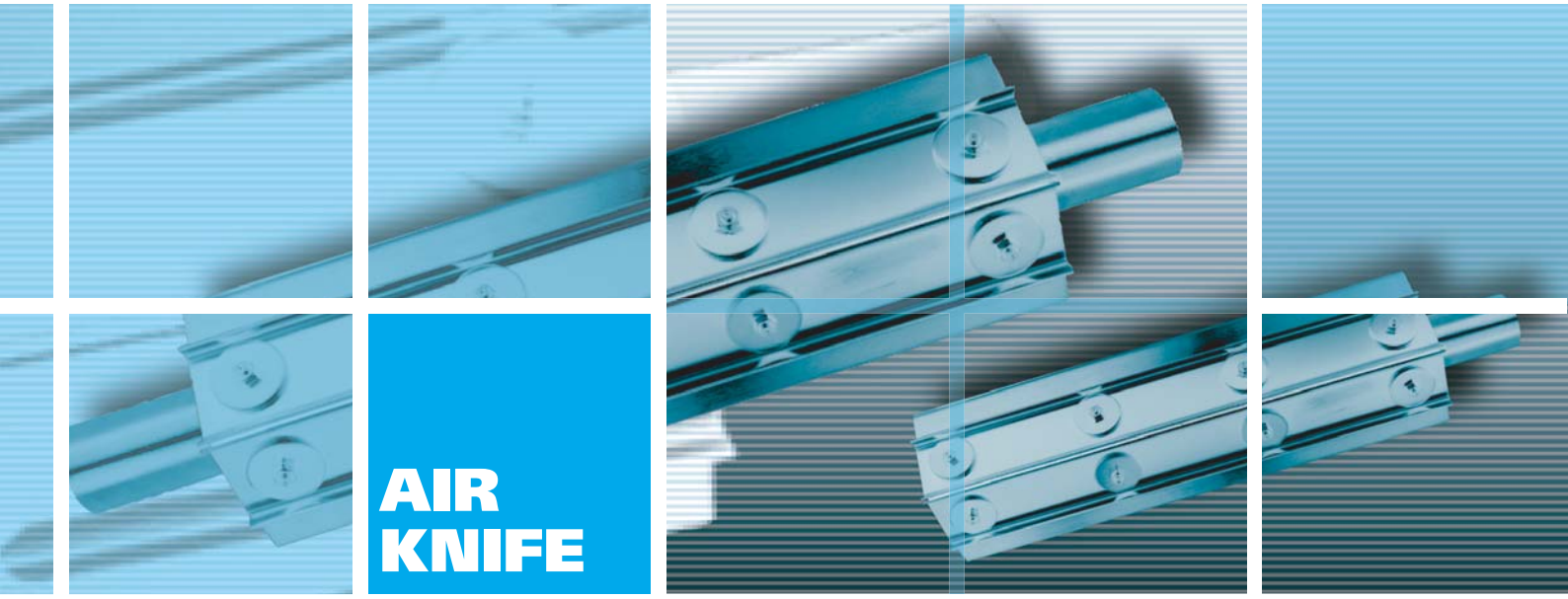
Elektror
airsystems gmbh



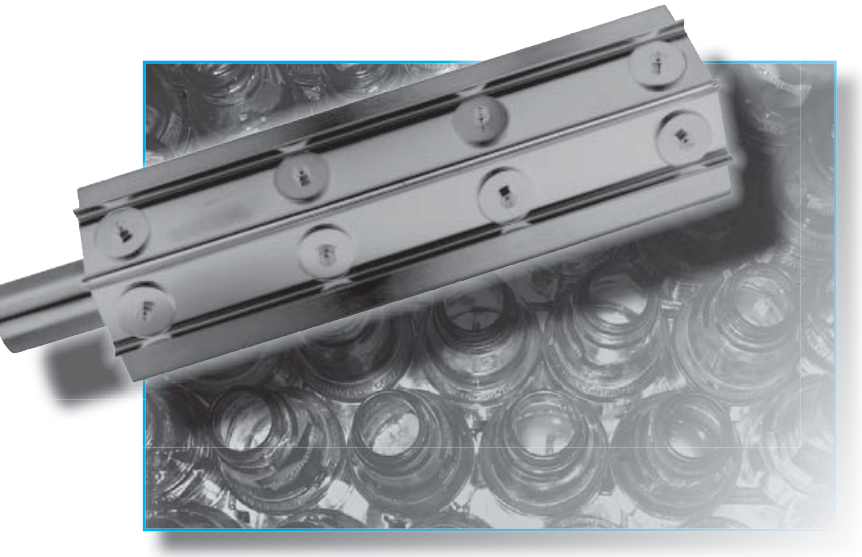
AIR KNIFE

For economic system solutions

AIR KNIFE

COMPETENCY AND A STEP BEYOND - ELEKTROR AIR KNIFE

Elektror *Air Knife* – the ideal complement for blowers and side channel blowers



Air Knives application example - air cleaning and drying of beverage bottles prior to bottling.

Put an end to the time-consuming in-house development of devices for achieving consistent air flow or air curtains. Elektror *Air Knives* perfect dose and direct the airflow in the required way and to the required spot. Perfect adaptation to Elektror blowers and a comprehensive range of accessories enable numerous different application options. *Air Knives* can be integrated into the required process to save costs and time. They convince through high air flows with low air consumption. Elektror *Air Knives* create a laminar air curtain flow and are ideally suited for drying, cooling or air-cleaning of various products and components. *Air Knives* are particularly well suited for applications with wide conveying routes.

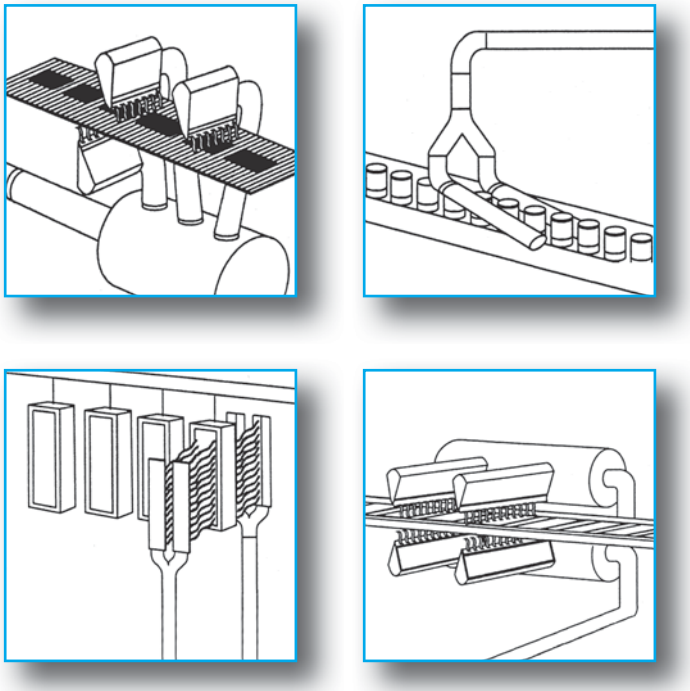
APPLICATION EXAMPLES:

- **Drying:**
removal of water, residual moisture, e.g. from cans, bottles or other products.

- **Cooling:**
of plastic products, metal parts or similar

- **Cleaning:**
removal of production residues/chips in machine components or similar

- **Air-cleaning:**
dust removal in packaging or food processing applications

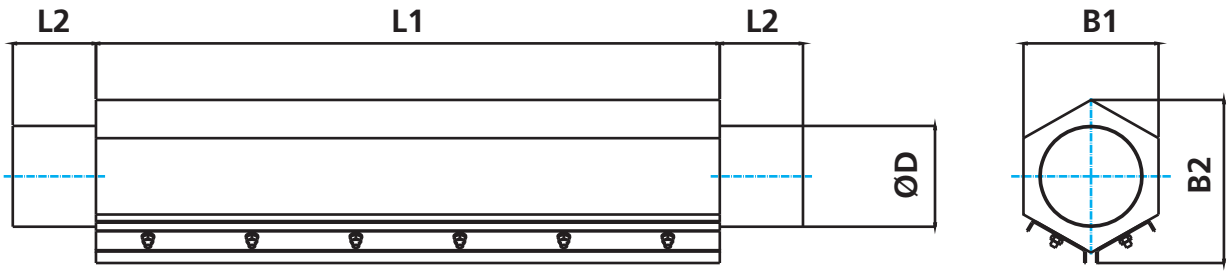


TECHNOLOGY AND FUNCTION

Air Knives enable a very high flow volume relative to the air that has to be generated. The stainless steel *Air Knives* uniformly blow air out of the air chamber through a narrow longitudinal gap. The air flow thus generated creates an optimum blow effect. Depending on the application and the particular requirements, the air flow may be one- or two-sided and depends on the *Air Knife* format and the length of the air supply line.

The Elektror specialists will be pleased to provide further information about other Air Knife applications.
Phone: +49 (0)711 31973-111 • Fax: +49 (0)711 31973-116 • support@elektror.com

ELEKTROR AIR KNIFE - THE NEW SYSTEM SOLUTION



Subject to modifications.

Labeling	L1	L2	D	B1	B2	Article No.
AK 200 Niro/1-50	200	80	50	130	170	016299
AK 400 Niro/1-50	400	80	50	130	170	015775
AK 400 Niro/1-100	400	80	100	130	170	015779
AK 600 Niro/1-100	600	80	100	130	170	015786
AK 800 Niro/1-100	800	80	100	130	170	015796
AK 1000 Niro/1-100	1000	80	100	130	170	016010
AK 1200 Niro/1-100	1200	80	100	130	170	015787
AK 1500 Niro/1-100	1500	80	100	130	170	016578
AK 1600 Niro/1-100	1600	80	100	130	170	016703
AK 1800 Niro/1-100	1800	80	100	130	170	016840
AK 2000 Niro/2-100	2000	80	100	130	170	015777
AK 400 Niro/1-110	400	80	110	130	170	017451
AK 600 Niro/1-110	600	80	110	130	170	017452
AK 800 Niro/1-110	800	80	110	130	170	017453
AK 1000 Niro/1-110	1000	80	110	130	170	017454
AK 1200 Niro/1-110	1200	80	110	130	170	017455
AK 1500 Niro/1-110	1500	80	110	130	170	017456
AK 1600 Niro/1-110	1600	80	110	130	170	017457
AK 1800 Niro/1-110	1800	80	110	130	170	017458
AK 2000 Niro/2-110	2000	80	110	130	170	017459

AK=Labeling, 200=Slot length, Niro=Material, /1=Number of connections, -50=Connection diameter

Dimensions in mm - without obligation.

Subject to modifications.

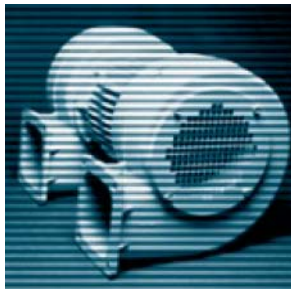
- Slot width adjustable from 1 mm to 10 mm.
- The number of connections depends on the required air speed at the slot, the slot width and the length of the ***Air Knives***.
- We recommend two connections starting from a length of 600 mm.
- Individual slot length on request possible.
- Additional price for the second connection: 38,00 €

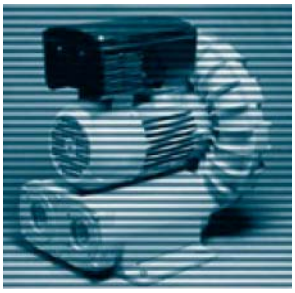
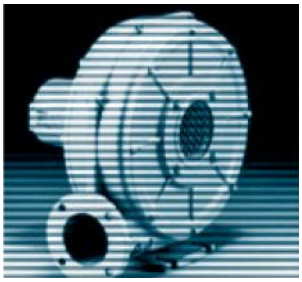
OPTIONAL EXTRAS ARE AVAILABLE ON REQUEST

Needless to say, Elektror ***Air Knife*** types and blowers are perfectly adapted to each other. The maximum pressure in the ***Air Knife*** should not exceed 350 mbar. The device can be installed in different ways.

Elektror
airsystems gmbh





PRODUCT REVIEW





Low pressure blowers **ND**

Medium pressure blowers **RD**

ATEX-Low pressure blowers **ND-ATEX**

ATEX-Medium pressure blowers **RD-ATEX**

Side channel blowers **SD**

High pressure blowers **HRD**

Conveying blowers **RD F**

ATEX-High pressure blowers **HRD-ATEX**

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