

Airknife

MISTRAL SS2

- Acid and base resistant
- Cleaning, drying, separating and cooling with blown air

Air knives made of stainless steel (VA) are used in the food industry and in areas where work is carried out with acids or bases and under high temperatures. When the focus is on physical purity in packing processes, the uniform drying of foods, or when

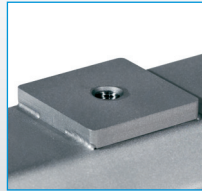
parts, components and surfaces must be freed from acids, bases or oils etc. in the plastic or metal machining, the Ziegner + Frick air knives are able to perform effectively and economically to the highest degree.



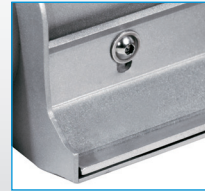
Drying after bottle cleaning

Air Technology

Airknife MISTRAL SS2



Welding plate

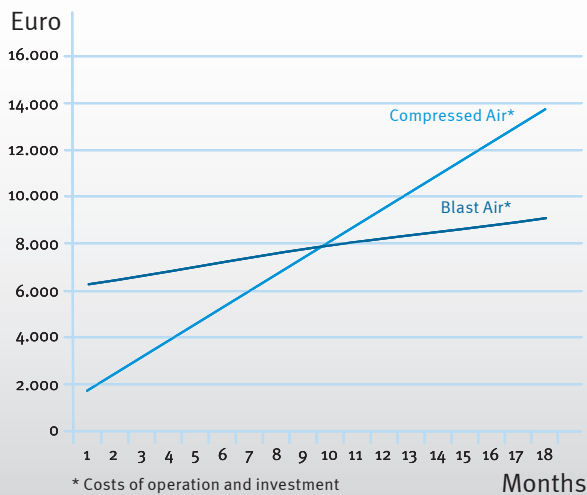


Nozzle



Accessories

Energy conservation



Air production: Powerful, rugged, safe, and especially quiet

Air production with quality side-channel compressors in many sizes and for a broad variety of requirements: flexible and powerful even in areas where up till now more sensitive dry-running rotation-slide compressors or rotary blowers (with a high noise level!) were more likely to be used.



Application examples

- Drying** removing water / liquids e.g. from cans, bottles, boxes, etc.
- Cooling** plastic products, metal parts, etc.
- Cleaning** removing production residues / chipping.
- Blowing out and off** dust removal during packaging processes.

Technical Data

Housing material:	V4A 1,4571
Lid:	V4A 1,4571
Pipe:	V4A 1,4571
Dimension:	107 × 87 mm
Mounting option:	Welding plate with 1 × M8 threading with 2 × M6 threading
Nozzle slot:	adjustable from 0.5 – 5.0 mm
Air connection:	Standard: L = left D = 60.3 mm Optional: R = right D = 60.3 mm H = rear D = 60.3 mm E = top D = 60.3 mm

Data MISTRAL SS2

Mistral length 110 mm | nozzle slot 1 mm

P	Q	V	P	Q	V
Pressure in mbar	Volume in m ³ /h	in m/s	Pressure in mbar	Volume in m ³ /h	in m/s
10	33	56	110	88	134
20	44	63	120	95	140
30	55	73	130	100	145
40	53	82	140	104	150
50	58	93	150	106	156
60	65	101	160	112	160
70	74	110	170	117	162
80	76	117	180	121	168
90	78	124	190	125	175
100	81	127	200	134	180