

ADJUSTABLE AIR KNIVES

Characteristics

- ☒ Steel alloy construction
- ☒ Generating an uniform high speed airflow
- ☒ Modularity



COMPANY WITH
QUALITY SYSTEM
CERTIFIED BY DNV GL
= ISO 9001 =

Technical data

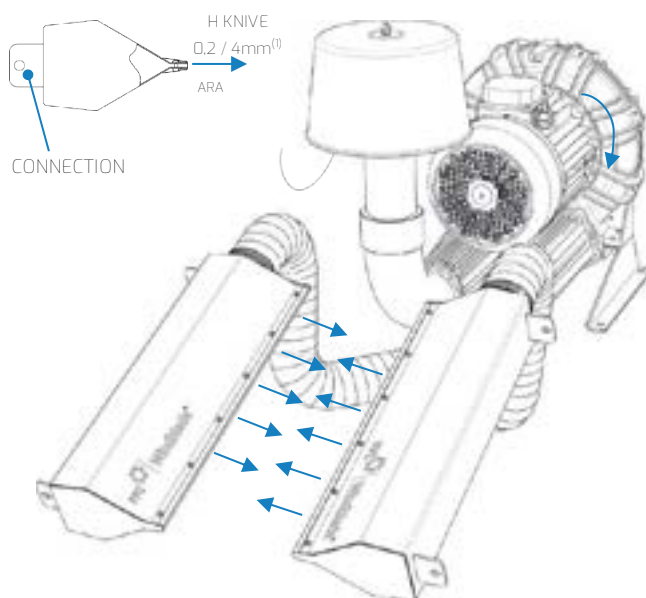
ACCESSORIES FOR SIDE CHANNEL BLOWERS - EXHAUSTERS

TECHNICAL INFORMATION

The air knife is used as an accessory for side channel blowers to canalize the air flow generated in compression by the blower itself, in a controlled airflow, uniform for a given length, and directional. The main function is to increase the speed of the airflow using it on customer's product with different applications

The air knife:

- ☒ Is made of stainless steel (AIS 304).
- ☒ Suitable for canalize airflow in a nonexplosive atmosphere, in continuous service.
- ☒ Suitable for side channel blower's models with the pressure side connection from 2" to 4"
- ☒ Equipped with an adjustable slit for airflow exit (from 0,2 to 4mm⁽¹⁾)
- ☒ Equipped with connection for an easier installation (customer care).



⁽¹⁾ For general conditions of use refer to the blower manual

APPLICATIONS

Air knife is ideal for the following application:

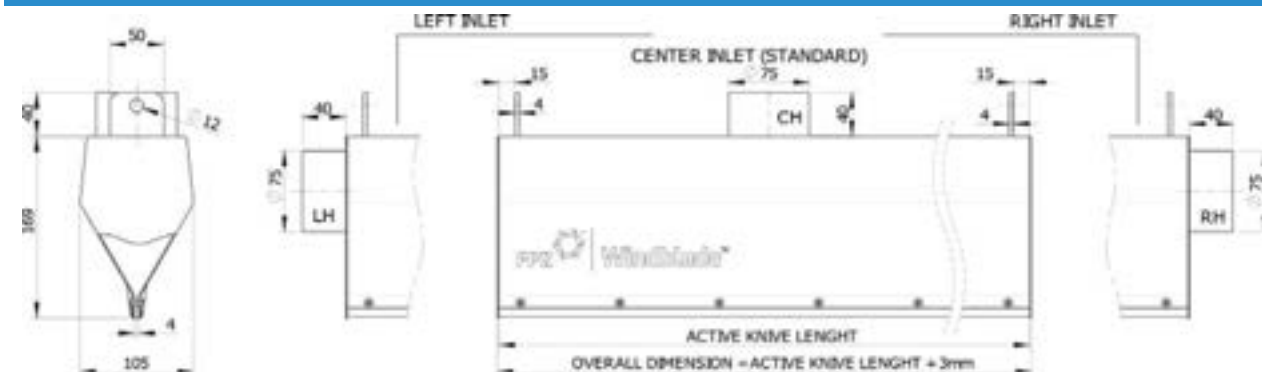
- ☒ Drying: water removal, moisture residue remove
- ☒ Cooling down: for plastic product, metal parts
- ☒ Cleaning: material residue removal, dust and machining residue removal

REFERENCE MARKET SECTOR

- | | | |
|---------------------|--------------------------|---|
| ☒ Food and beverage | ☒ Automotive | ☒ Machinery for processing rubber or metals |
| ☒ Food industry | ☒ Conveyor belt cleaning | ☒ Electronic parts |
| ☒ Textile | ☒ Building | |

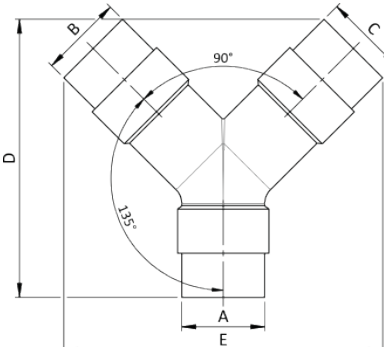
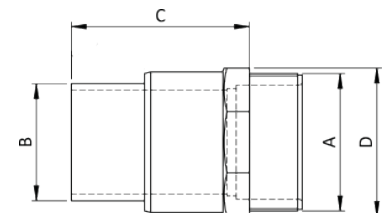
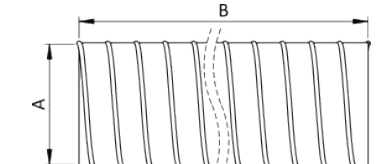


DIMENSIONS



Active lenght	Overall dimension	Connections			Ø connection	Material
150 to 2000	Active lenght+ 3	CH (standard)	LH	RH	Ø75	Stainless Steel

COMPONENT FOR APPLICATION

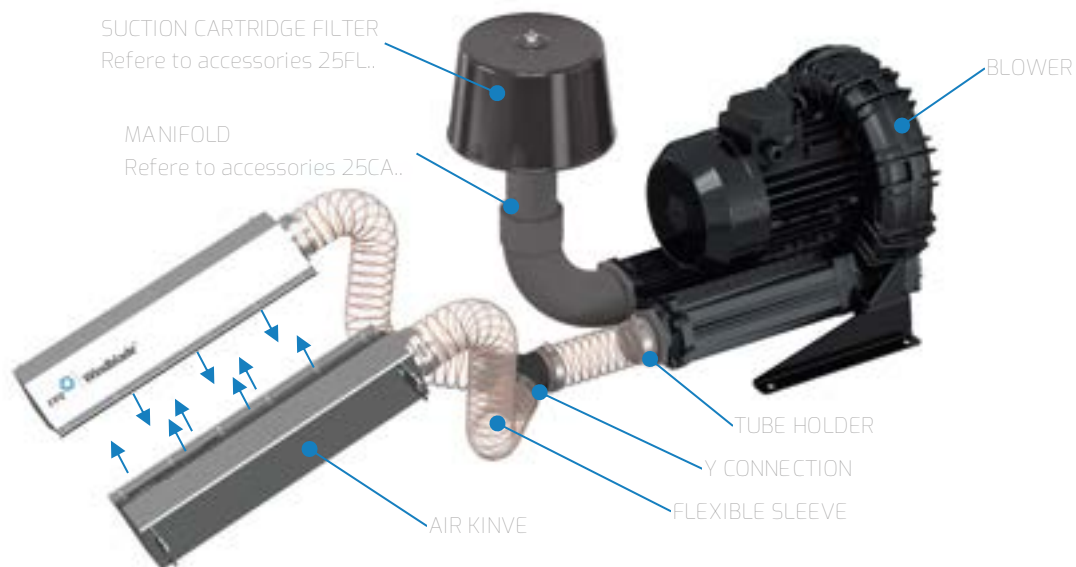
Y CONNECTION	Product code	Dimension					Material
		A	B	C	D	E	
	633075075840	Ø75	Ø75	Ø75	255	290	PVC
	633090075840	Ø90			280	300	
TUBE HOLDER REDUCTIONS	Product code	Dimension				Material	
		A	B	C	D		
	633002075840	2"GAS	Ø75	60	75	PVC	
	633003075840	3"GAS		115	95		
	633003070840	4"GAS		125	115		
	633003090840	4"GAS		125	115		
FLEXIBLE SLEEVE	Product code	Dimension		Material			
		A	B				
	25FM75-..M	Ø75	upon request	Poliurethane			
	25FM90-..M	Ø90					

Sizes in [mm] - NOT BINDING

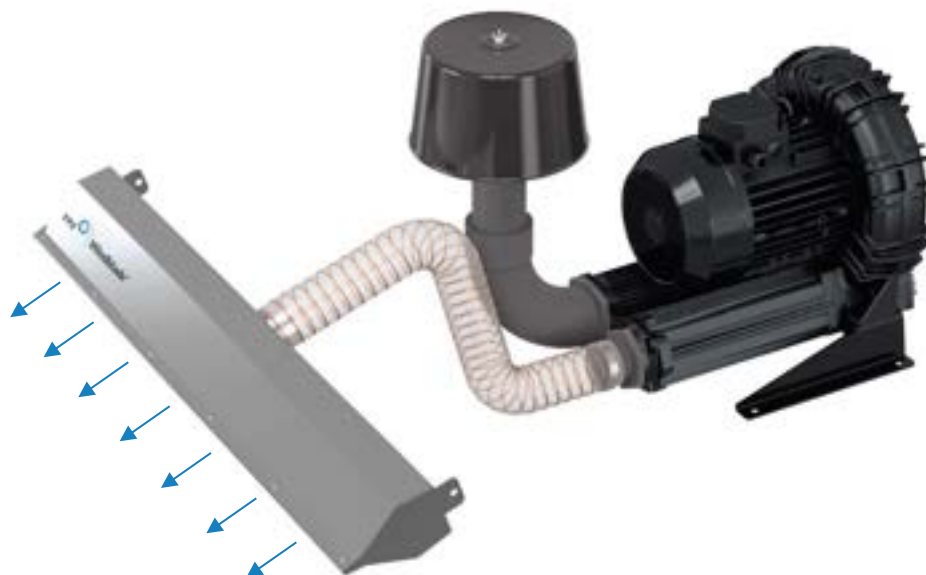
CONFIGURATION EXAMPLE

- The connection with the blower is made by the tube holder reduction, screwed with female threaded flange in pressure side (our standard), that joint the flexible sleeve connected with the air knife
- For general conditions of use refer to the blower manual

Configuration for 2 air knife with 1 inlet



Configuration for 1 air knife with 2 inlet



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Technical data

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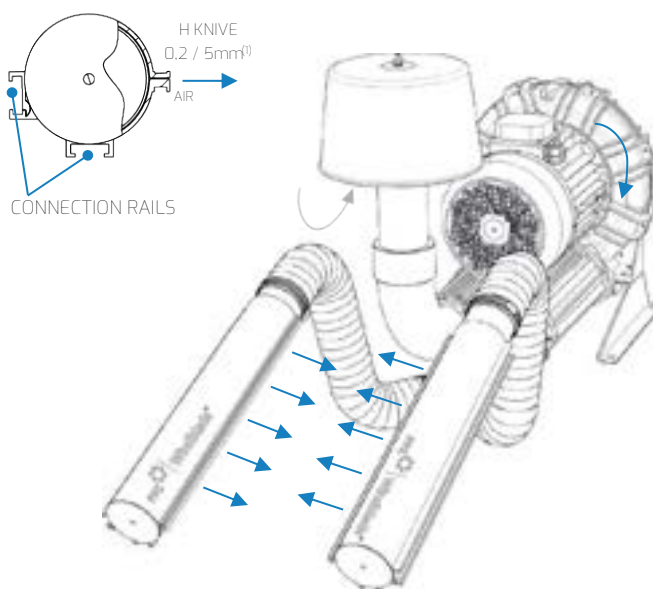
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- ☒ Equipped with an adjustable slit for airflow exit (from 0.2 to 5mm⁽¹⁾)
- ☒ Equipped with rails for an easier installation through plates and tie rods (customer care).



(1) For general conditions of use refer to the blower manual

APPLICATIONS

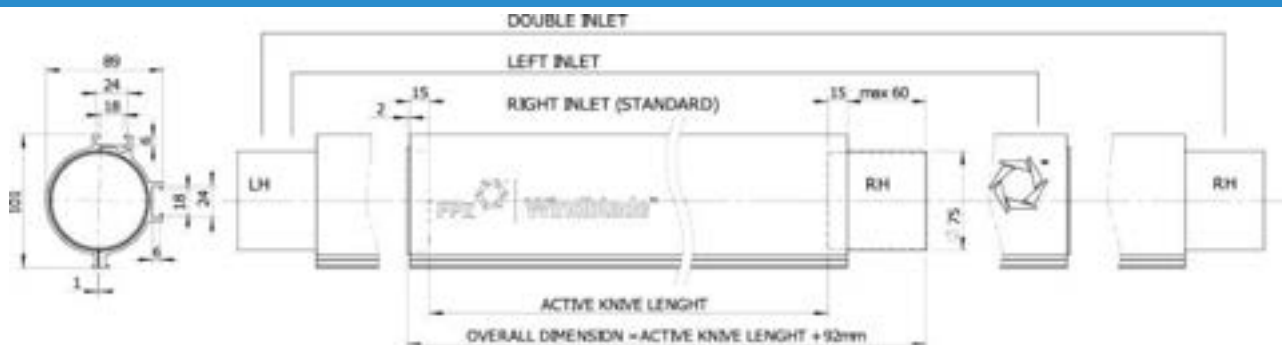
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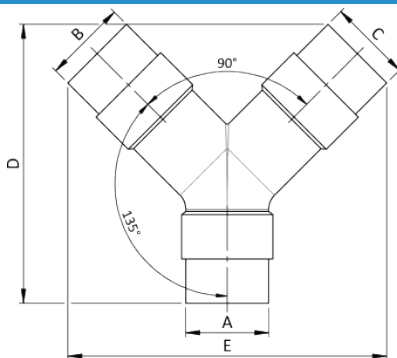
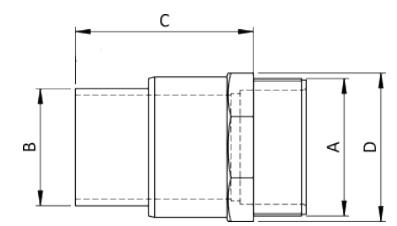
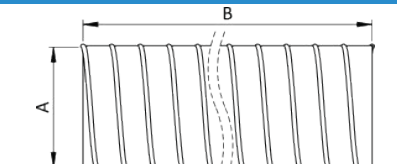
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Active lenght	Overall dimension	Connections			Ø connection	Material
150 to 2000	Active lenght+ 92	RH (standard)	LH	LH / RH	Ø75	Aluminum

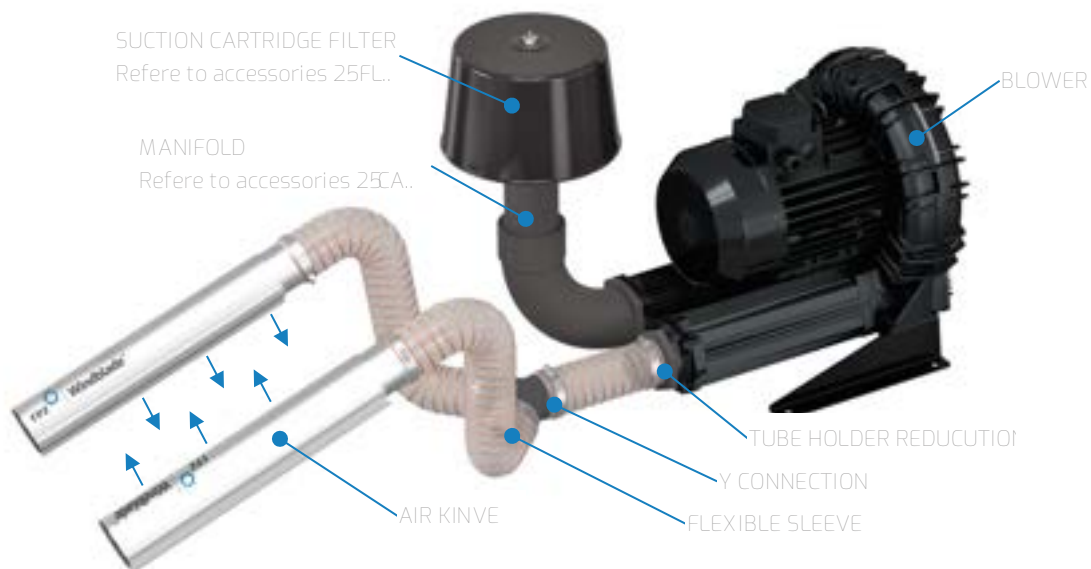
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