

Windblade™ Air Knife

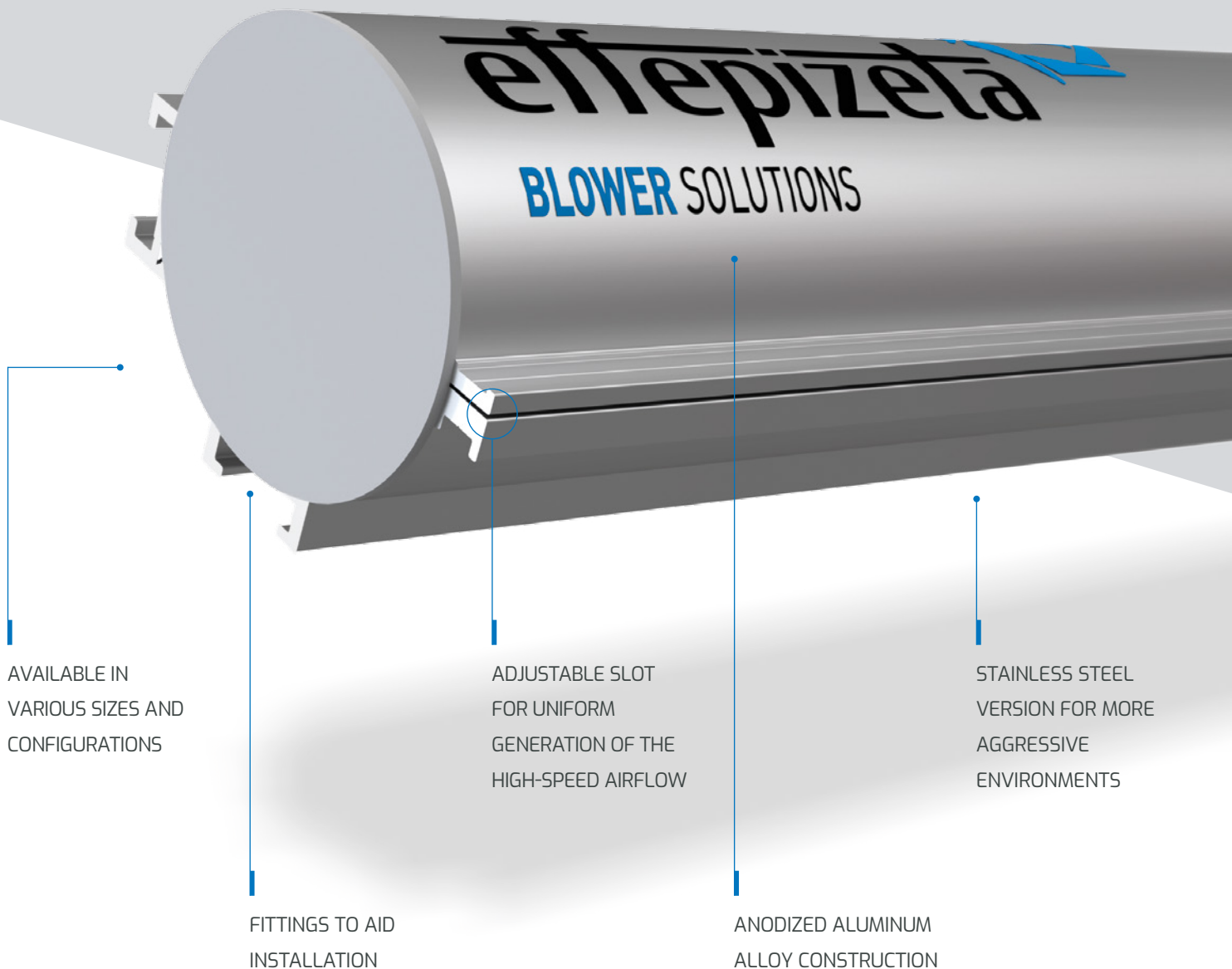
Pure aerodynamic efficiency



Windblade™ Air Knife

Directly from the extensive experience of Effepizeta

The Windblade™ Air Knives are designed to generate a uniform high-speed airflow and achieve its maximum efficiency and performance when combined with an Effepizeta blower.



Goal: maximum airflow efficiency

The function of the Air Knife

Air knives are devices used as accessories for side channel blowers, of which Effepizeta is a leading manufacturer, to convey the compressed air flow generated by the blower in a controlled, uniform and directional way.

Why Effepizeta

As a result of detailed analysis on air flows and their interaction with the physical structure of the knife, the shape and internal/external geometry of the Effepizeta Air Knife has been designed to offer greater efficiency. Acquired by years of knowledge in the field, Effepizeta guarantees a great experience in drying systems.

The benefits:



GREATER EFFICIENCY



HIGH SPEED



UNIFORM AIR FLOW



ADJUSTABLE SLOT



ADVANCED AND FUNCTIONAL DESIGN



MODULAR DESIGN



EASY INSTALLATION



NON CORROSIVE MATERIALS



ZERO MAINTENANCE

The applications:

The Windblade™ Air Knife is perfect for the following applications:



Drying

water removal, moisture residues remove



Cooling down

for plastic products and metal parts

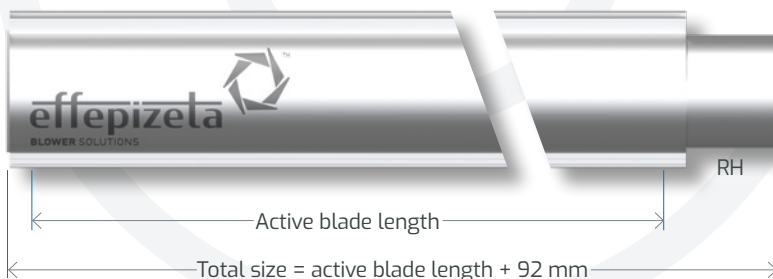


Cleaning

material residue removal, dust and machining residue removal

The configurations

Standard right input



Left entrance and double entrance



Active length
from 150 to 2000 mm

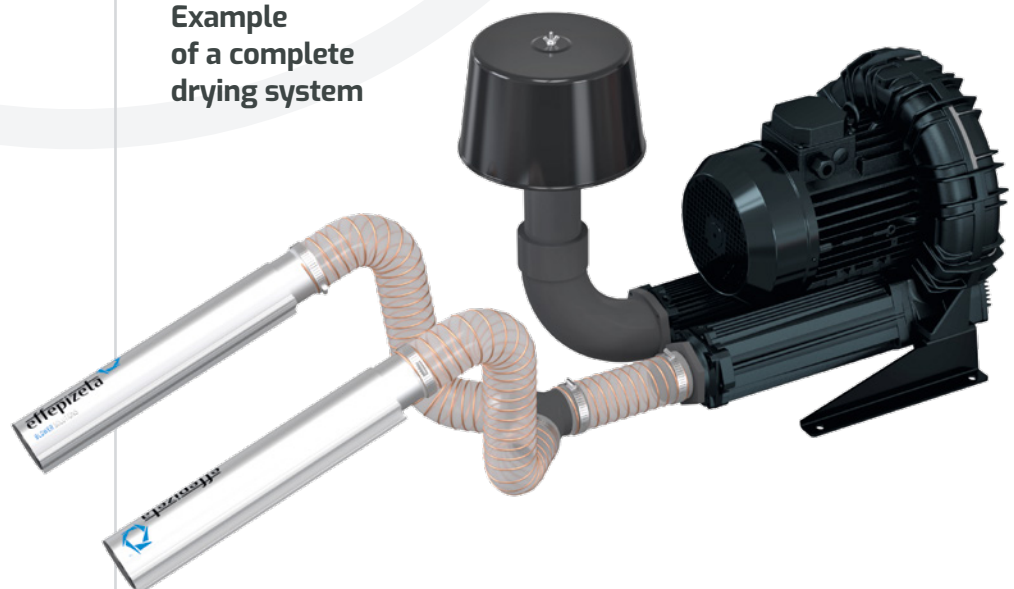
Total length
Active length + 92 mm

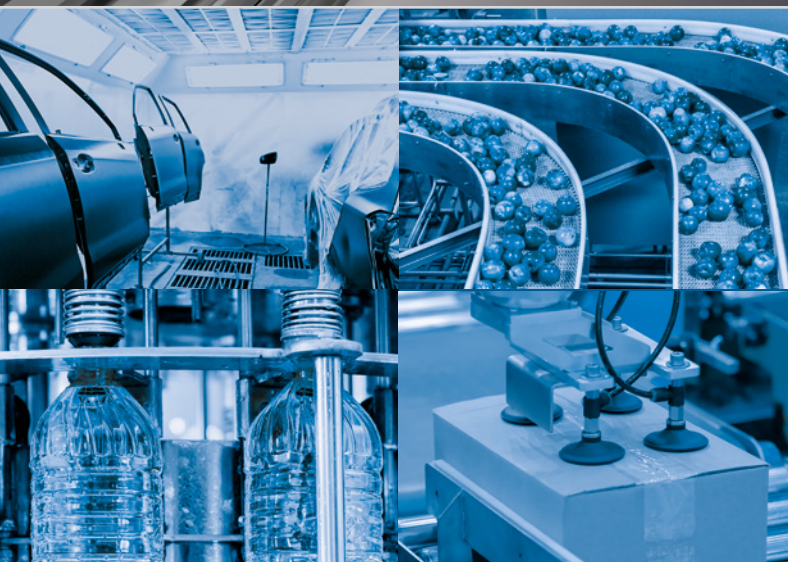
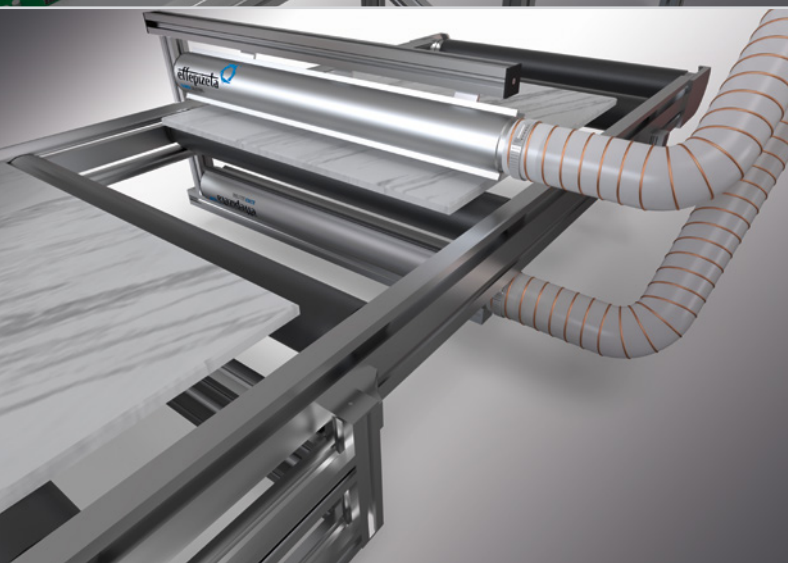
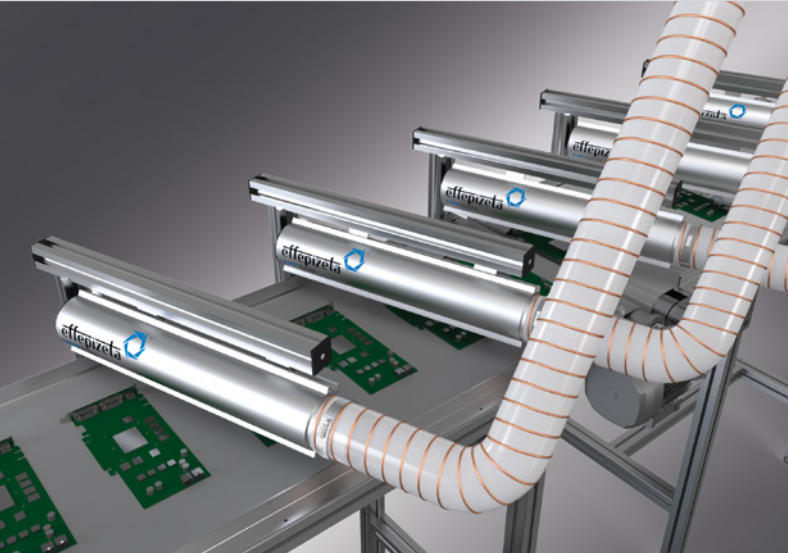
Connection
RH (standard) - LH - LH/RH

Connection diameter
75 mm

Material
Anodized aluminum

Example of a complete drying system





The sectors

Automotive

car paint drying

Chemical/Pharmaceutical

drying of plastic and glass packaging

Construction

drying of marble and tiles

Electronics

dust removal

Foundry

cooling and cleaning of ingots,
pipes and profiles

Food & Beverage

drying of glass bottles, jars, plastic bags packaging,
drying of fruit and vegetables

Rubber and metals

drying of rubber or metal components

Wood

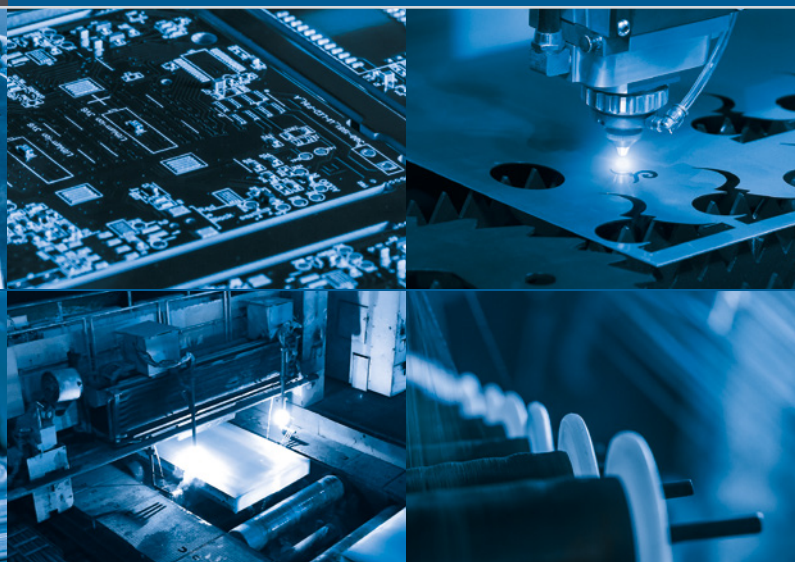
cleaning the conveyor belt of the suction tables

Mechanics

chip blowing and tool coolant removal

Textile

drying of fabrics and materials



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