

## Cleaning hood

# IONCLEAN HU

- Effective cleaning of the underside of a product
- Compatible with IONCLEAN HL cleaning hood
- Optimal cleaning results through ionization, rotary nozzles and simultaneous vacuum aspiration

The Ziegner + Frick IONCLEAN cleaning hoods have proven their capabilities in many workflows. Our stainless steel cleaning hoods are especially suited for products on conveyor belts.

The IONCLEAN HU has been developed for the under-sided cleaning of products which is required in many applications. It can be easily installed under an open-top conveyor belt.



Cleaning (e.g. plastic shells) with ionized air and rotating nozzles with a simultaneous vacuum aspiration

## Cleaning Technology

### Cleaning hood

# IONCLEAN HU



Connections



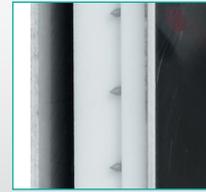
Vacuum aspiration



Accessories



Rotary nozzles



Ionization



Mounting option

## Cleaning from the top and bottom

We offer an efficient solution to thoroughly clean a product on both sides: our IONCLEAN HL cleaning hood can be combined with the IONCLEAN HU. It is additionally mounted below the product to achieve a complete and comprehensive removal of all dirt particles.



## Power supply

The standard model is designed in a modern way, and the operating elements and connections are easily accessible. It is equipped with an on/off switch with indicator light. Additionally, a high voltage indicator light was integrated into this power supply. This lamp will switch off if a system fault arises. Up to four ionizers can be connected. The device is compliant with the IP-54 protection standard and meets the relevant requirements of the European CE standard. In addition, the device has the necessary UL approval for the USA and Canada.



## Cleaning hood

Housing	
Material:	V2A 1.4301
Active width:	100 to 1.900 mm
Grid width:	100 mm
Overall width:	active width + 4mm
Depth:	180 mm
Height:	160 mm
Rotary nozzles:	each 100 mm, 1 unit
Vacuum aspiration	Dust collectors D = 76 mm- Transvector D = 51 mm
Voltage:	2 x 4.0 kV or 2 x 5.0 kV
Pressurized air:	Rotary nozzles 1 x 10 mm or 1 x 12 mm each Transvector 1 x 10mm
Acoustic noise:	72 db (A)

## Pressurized air consumption data

Rotary nozzles at 6.0 bar:	
Active width 100 mm	30 l/min
Active width 200 mm	50 l/min
Active width 300 mm	80 l/min
Active width 400 mm	110 l/min
Active width 500 mm	130 l/min
Active width 600 mm	150 l/min
Transvector at 6.9 bar:	
Active width 100 mm	708 l/min
Active width 200 mm	708 l/min
Active width 300 mm	708 l/min
Active width 400 mm	1416 l/min
Active width 500 mm	1416 l/min
Active width 600 mm	1416 l/min