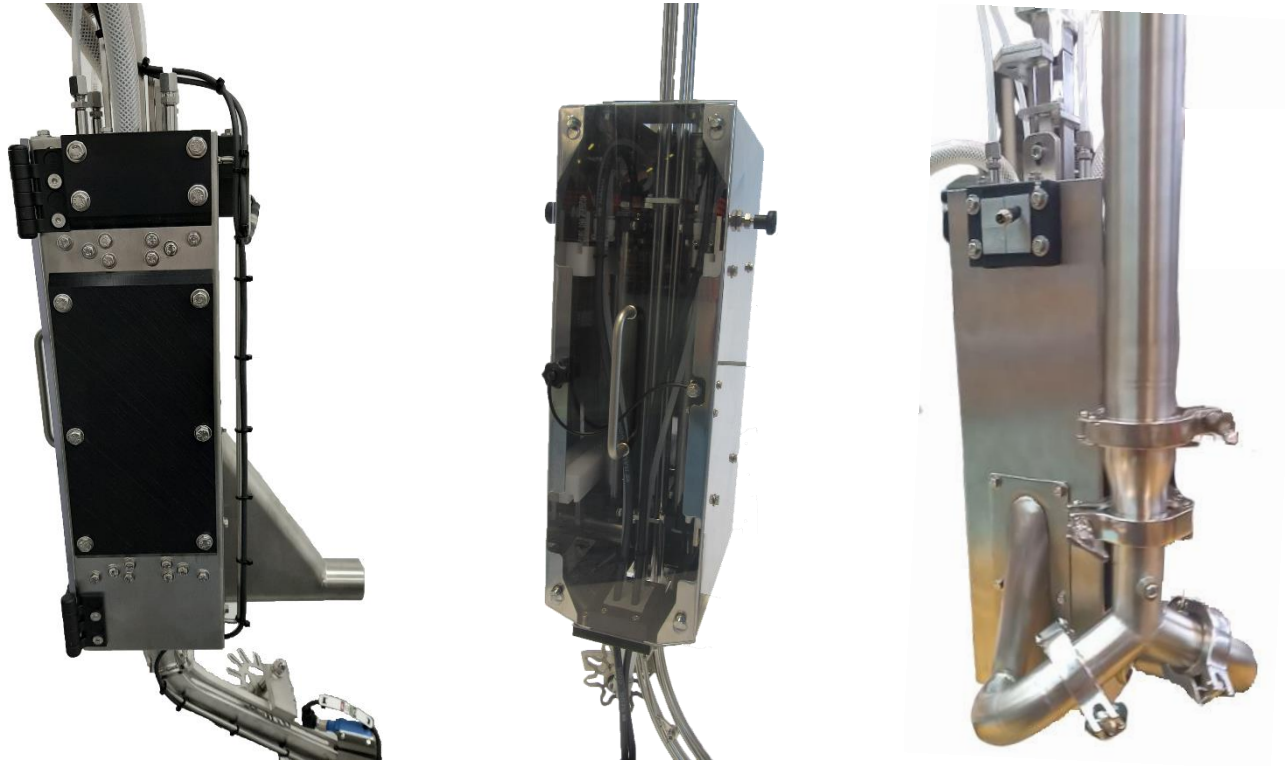




B&C

BOTTLING & CAPPING

## CAP DEDUSTING SYSTEM



### An improved high performance solution

With the manufacturing and transporting of plastic closures, along with handling and conveying processes within the end user facilities, the **risk for possible transfer of particles to salable product** hasn't gone unnoticed by the bottled water industry.

To minimize this risk, Zalkin has developed a **new patented high-speed cap dedusting system** to remove **microparticles over 1 µm** from closures.

This system is ideally suited for plastic closures used in the beverage industry but is also very effective **for any application requiring dust removal**. This includes the distilled spirits (metal closures & T-corks), food, and pharmaceutical industries.

### FEATURES AND BENEFITS

- Ionization housing mounted onto the cap chute and adapted to high speeds **up to 100 000+ caps/hour**
- **The most efficient system on the market and offered exclusively by Zalkin:**
  - ✓ **exposure time is 10 times greater** than existing solutions
  - ✓ **dual action ionizing bars** for internal and external areas of closures
  - ✓ **optimized flow management** with dual suction for maximum efficiency
- **Easy access** for cleaning

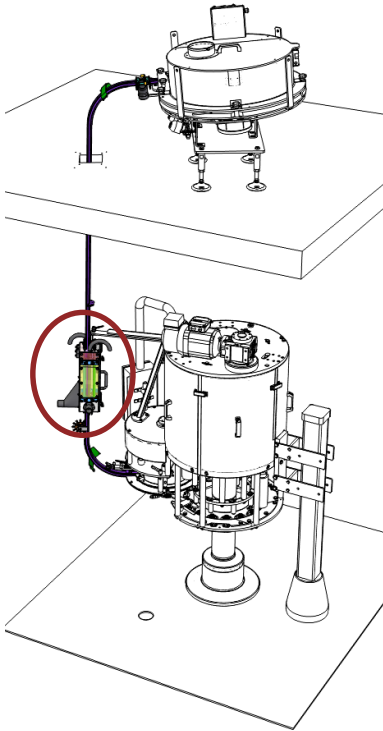


## TYPICAL PRODUCT SPECIFICATIONS

<b>Ionizing bars</b>	anodized aluminum	
<b>High-voltage generator</b>	offset	
<b>Generator supply</b>	115 V / 230 V (50 – 60 HZ) – 50 VA	
<b>Vacuum supply and noise level</b>	3-phase 345-415V 50 Hz – 2 KW 69 dB	3-phase 380-480V 60 Hz – 2.81 KW 70 dB

<b>Vacuum unit filtration</b>	Filter type M (3 µm)
<b>Air supply</b>	6 bar - max 15 m3/h
<b>Sterile air filter (for purification unit)</b>	Filter of 0.01 µm / dew point -40°
<b>Filter supply</b>	115 / 230 V – 50 / 60 Hz – 4W

## LAYOUT

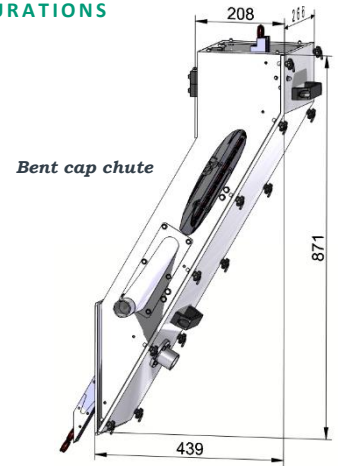


System installed on the cap chute, just before capping

## 2 DEDUSTER CONFIGURATIONS



Straight cap chute



Bent cap chute



Air suction and purification unit

**Accumulation of caps in cap chute** required for optimal efficiency.

**Maximum exposure time** with dual action ionizing bars:

- High level of static discharge
- High efficiency dust exhaust

**Side and outfeed suction** for optimum dust removal:

- Side exhaust for accumulated dust ionized air
- At the outfeed, to complete dust removal from interior area of closure

## OPTIONS

- Stainless steel ionizing bars and washable cables
- Operation monitoring kit (includes pressure sensor and vacuum switch)
- Rigid stainless suction piping kit
- Hepa H14 absolute filter for vacuum (0.3 µm)
- Available accessories:
  - ✓ Combi Check: control device for the generator and ionizing bars for maintenance technicians
  - ✓ Cleaning kit (brush and detergent)

