

Ionization tube

The original ionization tube or also called coronary tube used in all ARS - ionization units is made of high-quality material in single handwork. It differs from copied and imitated tubes by the following differences:

Tube socket

- V₀ fire protection class, fittings and stainless steel threaded bolts are resistant to acid, oil and moisture

Glass tube

- Quartz glass is used for the glass tube, not Duran. The processing is very complicated and complex and therefore more expensive than Duran, but guarantees the highest quality

Metal components

- The inner metallic components are made of aluminum, the outer ones are made of stainless steel. The high voltage transmission to the anode grid is made with a contact spring stamped from a high quality metal alloy

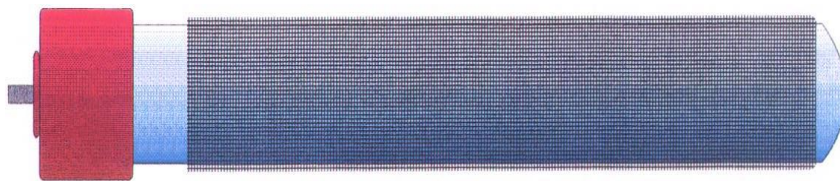
Silicone (optional)

- The applied high-performance silicone on the glass bulb facilitates the disassembly & assembly of the grid, ensures an increased ion output and additionally protects the glass from deposits and resulting damage

The measured ion output at the tube (distance: 10 mm) is: 650'000 to 950'000 ions / cm³.
The ion production depends on the room temperature and humidity.

A coronary plasma field is generated at the tube outer grid by the high voltage, which releases its energy into the ambient air. This creates bi-polar air ions, with proven more negative ions being generated.

The ARS ionization tube is environmentally friendly and fully recyclable.



Technical Data

Type	Article number	Length [mm]	Ø Socket [mm]	Ø Glass + outer grid [mm]	Weight [g]
A	100035	45	14	Approx. 12	8
B	100036	120	45	Approx. 40	79
CM	100058	150			89
C	100037	200			122
D	100038	250			140
E	100039	370			195
F	100040	535			267

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