



Fresh, fragrant and clean air is unfortunately no longer a matter of course today. The advances in technology through industry, increasing traffic or other polluting influences are becoming more and more noticeable and affect our everyday lives. Health complaints such as headaches, nausea, general malaise and the so-called "sick building syndrome" are the consequences.

These symptoms are mainly caused by indoor air pollution, which would be:

- Unpleasant odor molecules
- Viruses and bacteria
- Pathogens and germs
- VOCs (gases)
- Fungal spores and microorganisms
- Dust and other harmful particles

The ionization devices from ARS were specially designed to efficiently kill harmful organisms and to neutralize pollutants and odor molecules. Well-being and health are important goods and must be preserved, especially in closed rooms without fresh air supply. The visually appealing ARS devices are user-friendly and easy to maintain.

There are various designs for rooms of different sizes and these can be installed and adjusted individually.

**The principle of action** is based on a natural process. The sun in general or lightning bolts generate positively and negatively charged small ions through electrical discharges from neutral oxygen molecules. We reproduce this process with our ionization tubes and use the positive effects specifically for you.



## ARS Built-in Element 50-E10

### Technical specifications

<b>Dimensions LxWxH [mm]</b>	620 x 220 x 485	<b>Fuse</b>	2 x 0.5A
<b>Power consumption</b>	70W	<b>Air performance [m³/h]</b>	500 - 6200
<b>Ionization tube type</b>	10 x E-tubes	<b>Room volume [m³]</b>	200 - 620
<b>Height in the air duct [mm]</b>	375	<b>Air flow through tube</b>	Vmin = 2 m/s
<b>Flow</b>	Vmax = 15 m/s	<b>Weight</b>	Approx. 13.5kg
<b>Associated frame</b>	600520		

Power connection	Article number	Power connection	Article number
100V, 50/60Hz	000081	230V, 50/60Hz CH-Plug	000080
120V, 50/60Hz	000079	230V, 50/60Hz EU-Plug	000082

The most common areas of application are:

- Air conditioning and ventilation systems
- Supply and exhaust air ducts
- Offices
- Public transportation
- Wastewater treatment plants
- Exhaust air disposal and much more

The built-in elements from ARS are perfectly suited to be installed in existing or new air conditioning and ventilation systems or supply and exhaust air ducts. In this way, they do their job almost invisibly, but reliably.

**Our sales partner [www.airoclean.ch](http://www.airoclean.ch) will be happy to provide you with additional information material, open questions about the technology or other devices, as well as for a consultation. Just get in touch with them!**