

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:

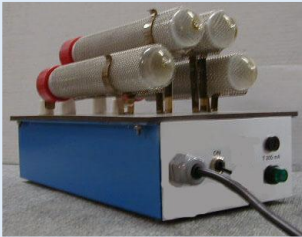
- Unpleasant odor molecules
- Viruses and bacteria
- Pathogens and germs
- VOCs (Gases)
- Fungal spores and microorganisms
- Dust and other harmful particles

The 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. They do their work in a barely visible and discreet way by carrying the ions through the air stream and distributing them at the target location. So you can get the maximum out of success with very little effort and the air quality is noticeably improved.

**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 elements

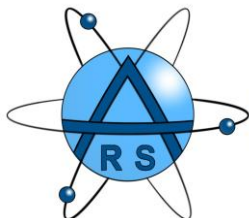
### 5-D4



<b>Areas of application</b>	Air conditioning and ventilation systems, supply and exhaust air ducts in industrial and administrative buildings, offices, trains, planes, ships, sewage treatment systems, exhaust air disposal, etc.
<b>Dimensions LxWxH [mm]</b>	335 x 185 x 195
<b>Power consumption</b>	30W
<b>Fuse</b>	1 x 0.2A slow
<b>Ionizing tube type</b>	4 x D-tubes, lying
<b>Air preparation [m³/h]</b>	1750
<b>Height in the air duct [mm]</b>	95
<b>Weight</b>	Approx. 4.5kg

Power connection	Article number	Power connection	Article number
100V, 50/60Hz	000041	230V, 50/60Hz CH-Plug	000040
120V, 50/60Hz	000042	230V, 50/60Hz EU-Plug	000043

Equipment	Installation frame for air duct	
	Art.-No.: 600510	Frame to 5-xx



## 5-C8/D8/E6/E8/F6/F8

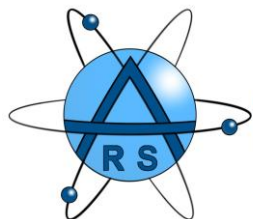


<b>Areas of application</b>	Air conditioning and ventilation systems, supply and exhaust air ducts in industrial and administrative buildings, offices, trains, planes, ships, sewage treatment systems, exhaust air disposal, etc.
<b>Fuse</b>	1 x 0.2A slow
<b>Tube position</b>	standing

Device type	5-C8	5-D8	5-E6	5-E8	5-F6	5-F8
<b>Dimensions LxWxH [mm]</b>	335 x 185 x 310	335 x 185 x 385	335 x 185 x 485	335 x 185 x 485	335 x 185 x 650	
<b>Power consumption</b>	30W		70W			
<b>Ionizing tube type</b>	8 x C	8 x D	6 x E	8 x E	6 x F	8 x F
<b>Air preparation [m³/h]</b>	2000	3000	3500	5000	6000	7500
<b>Height in the air duct [mm]</b>	200	275	375		535	
<b>Weight</b>	Approx. 4.5kg	Approx. 5.5kg	Approx. 6.0kg	Approx. 6.5kg	Approx. 7.5kg	

Power connection	Article number					
	5-C8	5-D8	5-E6	5-E8	5-F6	5-F8
100V, 50/60Hz	000046	000051	000054	000056	000059	000061
120V, 50/60Hz	000048	000052	000094	000057	000098	000063
230V, 50/60Hz CH-Plug	000045	000050	000053	000055	000058	000060
230V, 50/60Hz EU-Plug	000047	000049	000093	000064	000097	000062

<b>Equipment</b>	<b>Installation frame for air duct</b>	
	Art.-No.: 600510	Frame to 5-xx



## 50-F4/F5



### Areas of application

Air conditioning and ventilation systems, supply and exhaust air ducts in industrial and administrative buildings, offices, trains, planes, ships, sewage treatment systems, exhaust air disposal, etc.

### Dimensions LxWxH [mm]

620 x 220 x 210

### Power consumption

35W

### Tube position

lying

### Height in the air duct [mm]

95

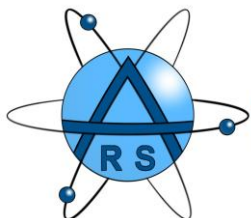
### Weight

Approx. 7.5kg

Device type	50-F4	50-F5
Art.-No.:	00.0069	00.0070
Fuse	1 x 0.2A	2 x 0.2A
Ionizing tube type	4 x F-tubes	5 x F-tubes
Air preparation [m <sup>3</sup> /h]	4000	5000

Power connection	Article number	
	50-F4	50-F5
100V, 50/60Hz	000066	000073
120V, 50/60Hz	000067	000072
230V, 50/60Hz CH-Plug	000069	000070
230V, 50/60Hz EU-Plug	000068	000076

Equipment	Installation frame for air duct	
	Art.-No.: 600520	Frame to 50-xx



## 50-E10/F10/F15



<b>Areas of application</b>	Air conditioning and ventilation systems, supply and exhaust air ducts in industrial and administrative buildings, offices, trains, planes, ships, sewage treatment systems, exhaust air disposal, etc.
<b>Fuse</b>	2 x 0.5A
<b>Tube position</b>	standing

Device type	50-E10	50-F10	50-F15
<b>Dimensions LxWxH [mm]</b>	620 x 220 x 485	620 x 220 x 640	
<b>Power consumption</b>	70W		105W
<b>Ionizing tube type</b>	10 x E	10 x F	15 x F
<b>Air preparation [m<sup>3</sup>/h]</b>	6200	10000	15000
<b>Height in the air duct [mm]</b>	375	535	
<b>Weight</b>	Approx. 13.5kg	Approx. 14.5kg	Approx. 18.5kg

Power connection	Article number		
	50-E10	50-F10	50-F15
100V, 50/60Hz	000081	000086	000089
120V, 50/60Hz	000079	000084	000088
230V, 50/60Hz CH-Plug	000080	000085	000087
230V, 50/60Hz EU-Plug	000082	000083	000091

Equipment	Installation frame for air duct	
	Art.-No.: 600520	Frame to 50-xx

**We are at your disposal for additional information material, open questions about the technology or other devices, as well as for a consultation. Just contact us!**