

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 channel modules 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.

If the installation situation does not allow larger devices to be used, these small channel modules almost always find a little space.

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 channel modules

General

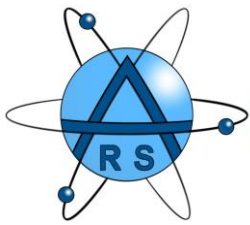
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|------------------------------------|--|
| Areas of application | Air conditioning and ventilation systems, supply and exhaust air ducts in industrial and administrative buildings, offices, trains, planes, ships, buses, etc. |
| Fuse | 1 x 0.5A |
| Power consumption | 5-10W, depending on the tube length |
| Height in the air duct [mm] | According to the tube length |

| Possible types of ionization tubes | No. of tubes | C | D | E | F |
|------------------------------------|--------------|-----|------|------|------|
| Air performance [m³/h] | 1 | 250 | 380 | 620 | 990 |
| | 2 | 400 | 720 | 1120 | 1800 |
| | 3 | 670 | 1000 | 1650 | 2640 |

GHM-250

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|--|--|--|
| | Dimensions LxWxH [mm] | 70 x 60 x 70 (without tubes) |
| | Flow | Vmax = 20 m/s |
| | Air flow through tube | Vmin = 4 - 20 m/s |
| | Mounting | Frontal with installation frame |
| | Weight | Approx. 750g |
| | Accessories / scope of delivery | Standard delivery without frame and tube |
| | Associated frame | 305210 |

| Power connection | Article number | Power connection | Article number |
|------------------|----------------|-----------------------|----------------|
| 100V, 50/60Hz | 305085 | 230V, 50/60Hz CH-Plug | 305089 |
| 120V, 50/60Hz | 305087 | 230V, 50/60Hz EU-Plug | 305088 |



GHM-400



| | |
|--|--------------------------------|
| Dimensions LxWxH [mm] | 70 x 60 x 70 (without tubes) |
| Flow | Vmax = 20 m/s |
| Air flow through tube | Vmin = 4 - 20 m/s |
| Mounting | At the side with screws |
| Weight | Approx. 750g |
| Accessories / scope of delivery | Standard delivery without tube |

| Power connection | Article number | Power connection | Article number |
|------------------|----------------|-----------------------|----------------|
| 100V, 50/60Hz | 305092 | 230V, 50/60Hz CH-Plug | 305090 |
| 120V, 50/60Hz | 305093 | 230V, 50/60Hz EU-Plug | 305091 |

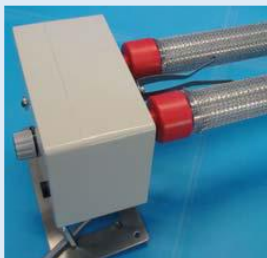
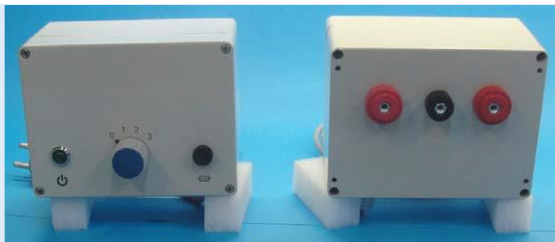
GHM-500



| | |
|--|------------------------------------|
| Dimensions LxWxH [mm] | 160 x 80 x 85 (95) (without tubes) |
| Flow | Vmax = 15 m/s |
| Air flow through tube | Vmin = 2 - 15 m/s |
| Mounting | Frontal with screws |
| Operating indicator | 2 x green LED |
| Weight | Approx. 1.85kg |
| Accessories / scope of delivery | Standard delivery without tubes |
| Associated frame | 305220 |

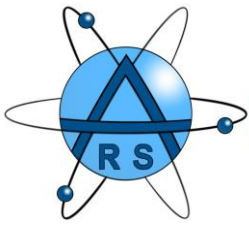
| Power connection | Article number | Power connection | Article number |
|------------------|----------------|-----------------------|----------------|
| 100V, 50/60Hz | 305095 | 230V, 50/60Hz CH-Plug | 305098 |
| 120V, 50/60Hz | 305097 | 230V, 50/60Hz EU-Plug | 305099 |

GHM-600

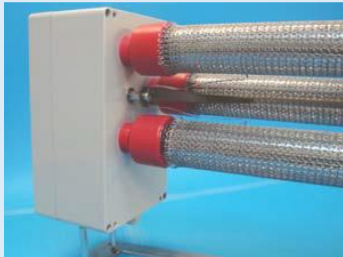


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|--|--|
| Dimensions LxWxH [mm] | 160 x 90 x 120 (without tubes) |
| Flow | Vmax = 12 m/s |
| Air flow through tube | Vmin = 2 - 12 m/s |
| Mounting | At the side with installation frame |
| Operating indicator | 1 x green LED |
| Weight | Approx. 2.1kg |
| Accessories / scope of delivery | <ul style="list-style-type: none"> Standard delivery with installation frame, but without tube Including 3-position switch |
| Associated frame | 305225 |

| Power connection | Article number | Power connection | Article number |
|------------------|----------------|-----------------------|----------------|
| 100V, 50/60Hz | 305110 | 230V, 50/60Hz CH-Plug | 305114 |
| 120V, 50/60Hz | 305112 | 230V, 50/60Hz EU-Plug | 305116 |



GHM-630



| | |
|--|--|
| Dimensions LxWxH [mm] | 120 x 90 x 200 (without tubes) |
| Flow | Vmax = 12 m/s |
| Air flow through tube | Vmin = 2 - 12 m/s |
| Mounting | At the side with installation frame |
| Operating indicator | 1 x green LED |
| Weight | Approx. 2.25kg |
| Accessories / scope of delivery | <ul style="list-style-type: none"> • Standard delivery with installation frame, but without tube • Including 3-position switch |
| Associated frame | 305230 |

| Power connection | Article number | Power connection | Article number |
|------------------|----------------|-----------------------|----------------|
| 100V, 50/60Hz | 305120 | 230V, 50/60Hz CH-Plug | 305124 |
| 120V, 50/60Hz | 305122 | 230V, 50/60Hz EU-Plug | 305126 |

Our sales partner www.airclean.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!