

HAUG Ionization - for the elimination of electrostatic charges



Ion-Air one

The new **Ion-Air one** Low-Pressure Blower is a versatile device for the elimination of electrostatic charges on non-conductive material.

An airflow, enriched with either positive or negative ions, neutralizes interfering surface charges and removes – depending on the working distance – debris from the surface. The **Ion-Air one** does not need compressed air. Room air is drawn in, filtered, accelerated by the fan, and then simultaneously ionized and blown out again.

The speed control of the **Ion-Air one** is progressively adjustable. In order to guarantee the constant efficiency of the **Ion-Air one**, the air filter must be replaced regularly.

The integrated clogged filter LED indicator illuminates when the filter is clogged.

Although primarily designed to serve as table-top unit, the **Ion-Air one** can be used as series device for electrostatic discharge mounted with appropriate fixation elements above material sheets and webs.



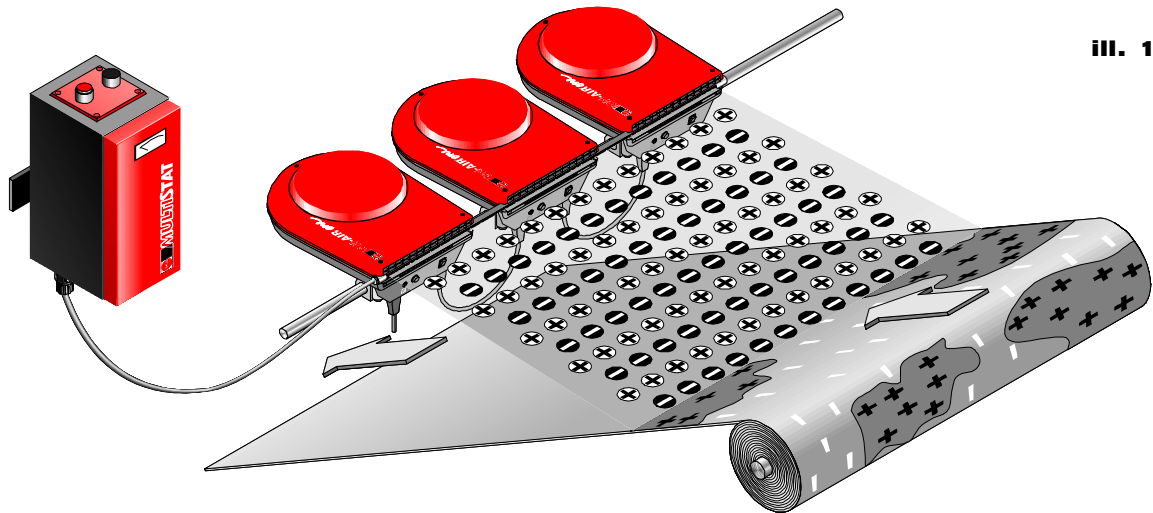
Photo 1

Applications

The **Ion-Air one** proves to be very efficient in a wide range of applications such as

- wind up material webs (especially on film and foil winders);
- at the discharge point of injection moulding machines for plastic materials;
- in the electronic industry and assembly work places.

Ion-Air one



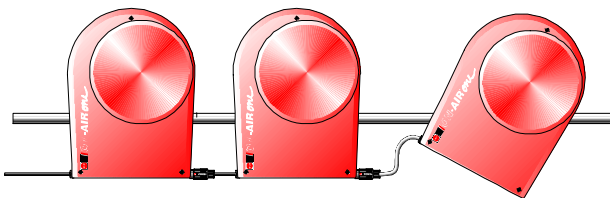
ill. 1

Equipment of the table-top unit

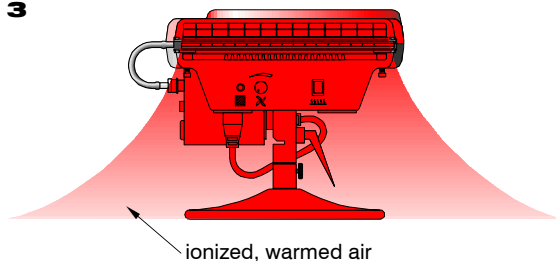
The table-top unit is available ready for use and contains the following components:

- an integrated power-pack to supply the built-in ionizing bar;
- an integral heating element, which can be switched on when required, to raise the temperature of the exhaust air flow to a level comfortable for the operator (ill. 3);
- a plate-shaped base to ensure the steadiness of the device and to optimize the angle of the exhaust air flow according to the application requirements.

ill. 2



ill. 3



ionized, warmed air

Equipment of the series unit

The series unit is mounted on a transversal bar above a material web. For the series unit, an appropriate ionizing bar and suitable power pack (e.g. with monitoring) must be ordered separately according to the application requirements.

The following configurations are possible:

- Any high-voltage power pack, out of the complete range of HAUG power packs, combined with one ionizing bar mounted over the total length of all connected **Ion-Air one** units (ill. 1).
- One high-voltage power pack, as above, combined with several ionizing bars which are interconnected with a high-voltage cable (ill. 2).

The versatile and elaborate mounting accessories, which must be ordered separately, suit any possible mounting situation.

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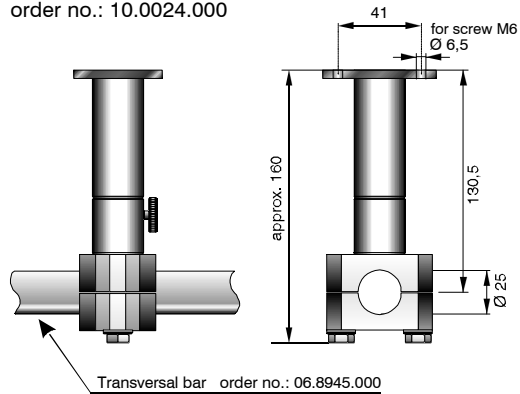
Air Line - Ion-Air one





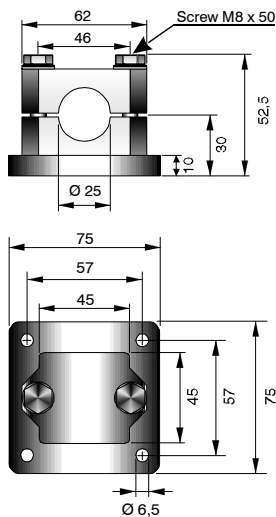
Pivoting bracket for mounting on the transversal bar

order no.: 10.0024.000



Support for mounting the transversal bar on the machine

order no.: X-2401



Air Line - Ion-Air *one*

Technical Data Ion-Air *one*

Ion-Air <i>one</i> table top unit*:	230 V _~	order no.:	04.0311.000
Ion-Air <i>one</i> table top unit*:	115 V _~	order no.:	04.0310.000
		*incl. clogged filter LED indicator, heating element EN CL Power Pack, EI PRQ Ionizing Bar, plate-shaped base.	
Ion-Air <i>one</i> series unit**:	230 V _~	order no.:	04.0309.000
Ion-Air <i>one</i> series unit**:	115 V _~	order no.:	04.0308.000
		**incl. clogged filter LED indicator, pivoting bracket, power cord. Please order ionizing bar and power pack separately!	

Protection type:	IP 20
Protection class:	II
Rated input voltage:	115 / 230 V _~
Rated frequency:	50 – 60 Hz
Power consumption:	approx. 500 VA (table top unit) approx. 100 VA (series unit)
Weight:	approx. 12 kg (table top unit) approx. 7 kg (series unit)
Ambient temperature:	+5 °C up to +50 °C

We reserve the right to technical modifications!

Accessories

Spare filter:	order no.:	X-2396
Pivoting bracket for mounting the device on the transversal bar:	order no.:	10.0024.000
Plate-shaped base for table top unit:	order no.:	10.0100.000
Transversal bar \varnothing 25 mm:	order no.:	06.8945.000
Bracket for mounting the transversal bar on the machine:	order no.:	X-2401
Power cord, length 150 cm:	order no.:	06.8940.793

Table top unit

