HAUG Ionization – for the elimination of electrostatic charges

Ion-Air blower
HAUG's Ion-Air blower IB is based on the concept of a proven ionization technique. Negative and positive ions are added to the air flow produced by a cross-flow blower. The air flow hence becomes conductive and is able to eliminate electrostatic surface charges on non-conductive material (ill. 1).

Low Operating Cost
The Ion-Air blower operates on a low pressure principle and does not require costly compressed air. The power supply, which is required to feed the ionizing bar with high voltage, also operates on a low energy consumption level. This makes the Ion-Air blower a very efficient ionizing system, especially for applications where constant ionization is required.

Applications
- on winding and unwinding systems (especially for films/foil)
- on injection moulds and their handling systems
- in the production of circuit boards
- in the electronic industry
- in the plastics and packaging industry

Increasing the effective length
The Ion-Air blower becomes very flexible when a larger operating length is required. Several units can be 'daisy-chained' in series (ill.2). In this case, only one ionizing bar and one power supply is required. Other lengths are also available on request.

Air Line - Ion-Air blower IB

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**Technical data Ion-Air blower**

Types:
- **IB** (115 V) Order-No.: 04.0350.000
- **IB** (230 V) Order-No.: 04.0351.000
  - Length 457 mm, weight 2.7 kg
  - Connectable bar length 380 mm
- **IB** (115 V) Order-No.: 04.0350.001
- **IB** (230 V) Order-No.: 04.0351.001
  - Length 813 mm, weight 3.6 kg
  - Connectable bar length 780 mm
- **IB** (115 V) Order-No.: 04.0350.002
- **IB** (230 V) Order-No.: 04.0351.002
  - Length 1549 mm, weight 7.0 kg
  - Connectable bar length 1510 mm

Unit with 2 retaining holders, adjustable screws and base.

Dimensions (H x W): 95 x 105 mm

**Supply voltage:** 115 V / 230 V (50 – 60 Hz)

**Power consumption:**
- 70 VA (Length 457 mm)
- 150 VA (Length 813 mm)
- 220 VA (Length 1549 mm)

**Operating temperature:** +5 °C to +50°C

**Storage/transport temperature:** -15 °C to +60 °C

Subject to technical changes!

**Accessories**

- Bracket left Order-No.: X-3312
- Bracket right Order-No.: X-3313