

# HAUG Ionization - for the elimination of electrostatic charges



## HAUG discharge systems

basically comprise two components. A high voltage generator and the ionization unit. The various discharge systems are connected to the **EN 8 LC** power supply. Haug develops and manufactures ionization systems for eliminating and producing electrostatic charges. Out decades of experience, tried and tested units in the field of ionization equipment and well-trained applications engineers guarantee tailored problem solutions for our customers.

## HAUG EN 8 LC power supply

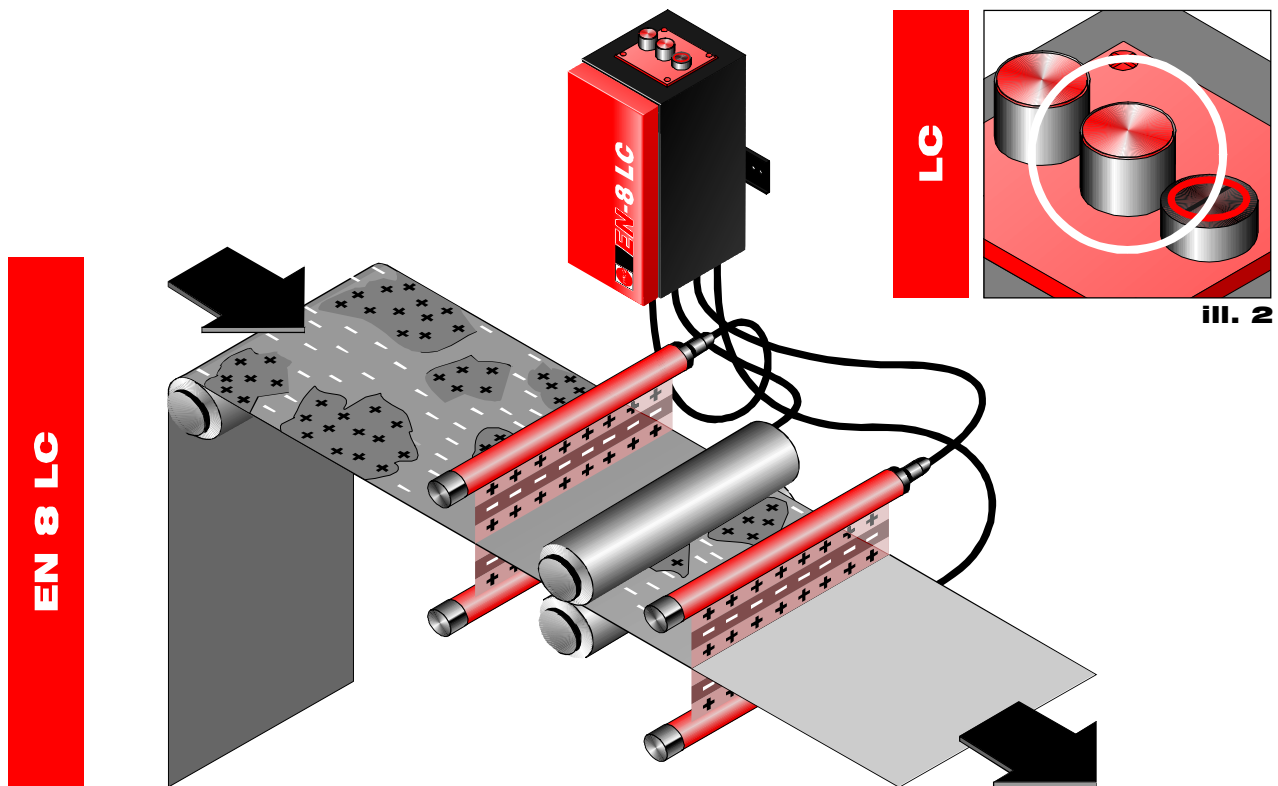
The **EN 8 LC** power supply supplies voltage to ionizers. The mains voltage is transformed into a 7–8 V alternating current by a high voltage transformer. The **EN 8 LC** power supply represents the state of the art. The monitoring which is integrated in the secondary area indicates that the partial discharge inception voltage (= start of effect of ionization units / ill. 1) is too low by making the monitoring LED blink (ill. 2). The compact printed circuit board technology ensures reliability and ease of maintenance. The device has four gas-tight high voltage terminals and has been manufactured in accordance to protection type IP 54, protection class I as per VDE.

## Applications

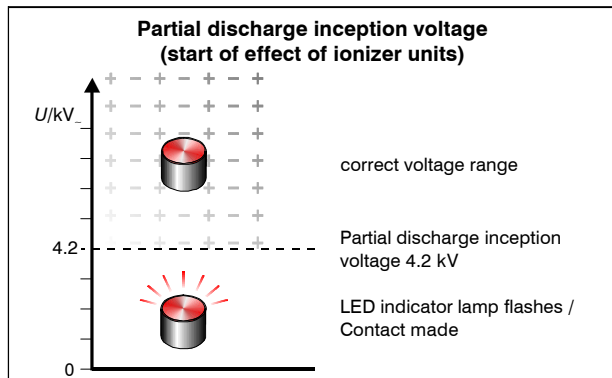
- **Plastic processing industry:** Film extruders, film processing, manufacturing of plastic tubes, sections, shells and rods and in plastic extruders.
- **Packing industry:** Packing machines, filling machines and bag manufacture.
- **Graphics industry:** Folding machines, print processing
- **Electrical industry:** printed circuit board manufacture
- **Glass industry:** Plate glass manufacture

## Power pack EN 8

Identical in all technical aspects, the power pack **EN 8** comes without the integrated operation-control-system.



ill. 1



## Possible EN 8 LC configurations

- EN 8 LC power supply + VS ionizing bar  
or  
+ VSA ionizing bar  
+ RN ionizing bar  
+ RI ring electrodes

We would be pleased to provide other configurations on request.

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## Special features and advantages

- simple and fast checking of ionization unit
- reliable information concerning manufacturing process (process and quality control)
- continuous monitoring of the ionization unit without additional testing and measuring equipment.

Static Line - Power pack EN 8 LC





## EN 8 / EN 8 LC

### Technical data EN 8, EN 8 LC

Types:	<b>EN 8</b>	(115 V)	Order-No.: 01.7756.000
	<b>EN 8</b>	(230 V)	Order-No.: 01.7757.000
	<b>EN 8 LC</b>	(115 V)	Order-No.: 01.7756.100
	<b>EN 8 LC</b>	(230 V)	Order-No.: 01.7757.100
Protection type:	IP 54		
Protection class:	I		
Supply voltage:	115 V <sub>~</sub> / 230 V <sub>~</sub> (50 – 60 Hz)		
Power consumption:	approx. 50 VA		
Rated output voltage:	approx. 7 – 8 kV <sub>~</sub>		
Short-circuit output current:	$I_k < 5 \text{ mA}$		
HV-terminals:	4		
Connectable length:	max. 18 m (ionizing unit incl. HV-cable)		
Operating temperature:	+5 °C to +45 °C		
Storage-/transport temperature:	-15 °C to +60 °C		
Weight:	5 kg		
Mains cable:	2.6 m, fixed to the device		

Subject to technical changes!

