

DISCHARGING

**ellex**

electrostatic  
innovations



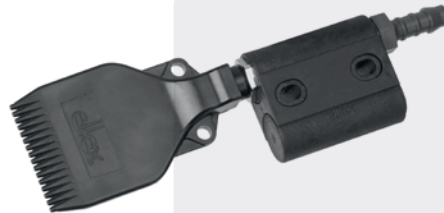
**Ion Blower Technology**



## ➤ Ion Blower Nozzles R36, LR36 Ion Blower Heads, Pistols R55, PR36, PR55

### **Ion Blower Pistols PR36 and PR55**

Ion blowers for discharging and dedusting highly sensitive components. The emission tips generate an ion-enriched discharging cloud.



### **Ion Blower Nozzles and Heads**

For large surface areas and point-to-point discharging and dedusting. Air support guaranteeing a high degree of efficiency even across large distances.



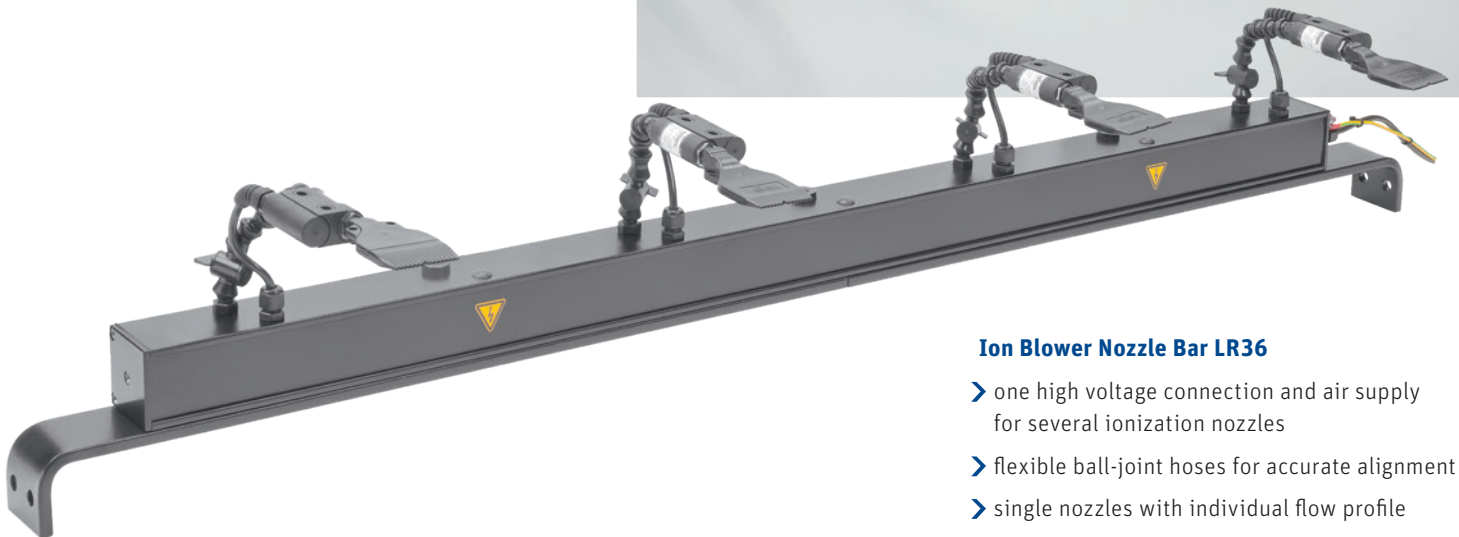
## Ion Blower Nozzle Bar LR36

### Unsurpassed effect – compact design

Compared with similar products, the ion blower technology delivers higher ionization power and a larger ionizing range.

While the ion blower nozzles and the ion blower nozzle bar are fixed in place, the ion blower pistols show their true strength in hand-held use.

The compact design and the high effectiveness of the unit allow a variety of different uses and applications.



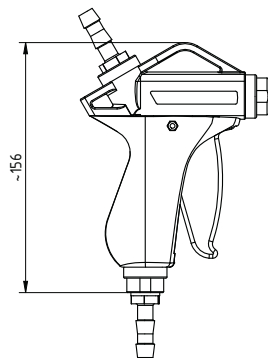
### Ion Blower Nozzle Bar LR36

- one high voltage connection and air supply for several ionization nozzles
- flexible ball-joint hoses for accurate alignment
- single nozzles with individual flow profile
- easy installation of the support profile using a mounting channel

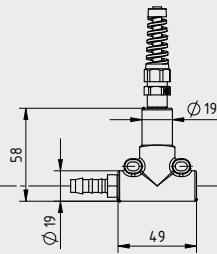
**Ion Blower Technology:  
Ion Blower Nozzles, Heads, Pistols**

Dimensions

Ion Blower Pistol

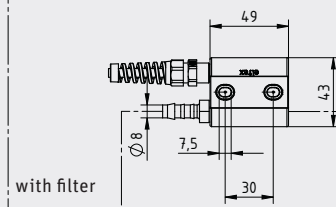


Ion Blower Nozzle  
radial design  
Type R36/R



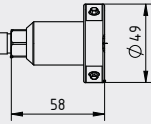
without filter

Ion Blower Nozzle  
axial design  
Type R36/A

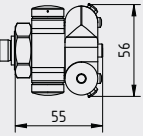


with filter

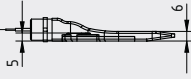
Rotating Nozzle  
easyCLEAN  
Type E



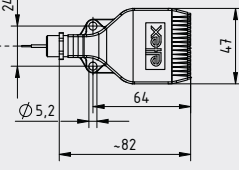
Rotating Nozzle  
Type C



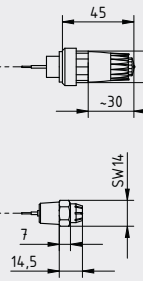
Fishtail Nozzle  
Type F



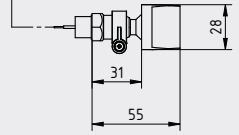
Circular Jet Nozzle  
Type R



Circular Jet Nozzle  
mini Type K



Compact  
Fishtail Nozzle  
Type W

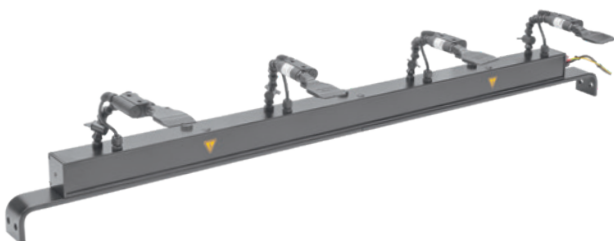




## Ion Blower Nozzle Bar LR36

### Technical specifications

Operating voltage	5 resp. 6 kV, 50/60 Hz
High voltage supply	via Eltex power supplies, operating voltage max. 6 kV AC
Ambient operating temperature	0...+80°C (+32...+176°F) with blown air; blown air temperature max. 30°C 0...+60°C (+32...+140°F) without blown air
Ambient humidity	max. 70%, no dewing permitted
Bar element	plastic (PA 6.6 30 % GF)
Emission tip	tungsten, current-limited and low capacitance
Contact protection	contact protected according to EN 61140
Profile	aluminium anodised
High voltage connection	connection to Eltex high voltage cable, type KE (specify length) R36: shielded, prefabricated, exchangeable R36/E, PR36, LR36: additionally glued in, not exchangeable
Air connection	R36: DN 8 mm hose PR36: DN 10 mm hose / G 1/4" LR36: DN 12 mm hose resp. G 3/8" frontal
Weight	R36/_F: approx. 60 g, PR36/_F: approx. 240 g, PR36/_C: approx. 410 g, without hv cable LR36: approx. 2 kg/m
Air pressure	max. 6 bar
<b>Air consumption [Nm<sup>3</sup>/h]</b>	<b>Typical values</b>
<b>Air pressure [bar]</b>	<b>0,5 1,0 1,5 2,0 2,5 3,0 3,5 4,0 4,5 5,0 5,5 6,0</b>
Air consumption (P)R36/_F, (P)R36/_R	3 7 9 12 15 17 20 23 26 29 32 34
Air consumption (P)R36/_K	1,7 3,4 5,1 6,0 6,8 8,5 9,4 11,0 12,7 13,6 15,3 17
Air consumption (P)R36/_W	4 8
Air consumption (P)R36/_E	11,7 13,0 14,1 15,2
Air consumption LR36 (per nozzle)	3 7 9 12 15 (max. 2,5 bar)
Air consumption (P)R36/_C	with 2 nozzles per side (with 6 bar)
	25,8 47,4 59,4 72,6
Nozzle inserts Ø	1,2* 1,6 1,8 2,0 * standard
UL-Approval	File Nr. E227156 (as shown on appliance marking)



EL = installation length (GL + 200 ... 800)

GL = total length of the carrier section

n = number of nozzles

(standard up to n = 15)

- 1 high voltage connector
- 2 compressed air connection:  
DN 12 resp. G 3/8" blanking plug
- 3 blanking plug: G 1/4"
- 4 compressed air connection:  
G 3/4" from 9 nozzles  
(optional from 6 nozzles)
- 5 grounding cable

### Dimensions

