electrostatic innovations

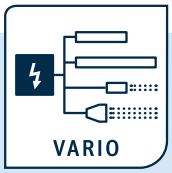
pointCLEAN SCC-P

Non-contact discharge and cleaning in minisized format

Static adhering dust is discharged and blown off by a rotating nozzle with two air outlets. The rotation creates a pulsating effect. The nozzle diameter and the angle of the air nozzles can be adjusted independently.

Advantages at a glance

- contactless, dry cleaning process
- Discharge technology integrated in rotating nozzle
- optimized flow guidance
- Ion balance adjustable (PRO IONIZER)
- apron and flange adjustable



Suitable for connecting one or more Eltex discharge components:

PRO IONIZER ES61

BASE IONIZER ES60

COMPACT IONIZER ES24

WP-en-2087-2411-1

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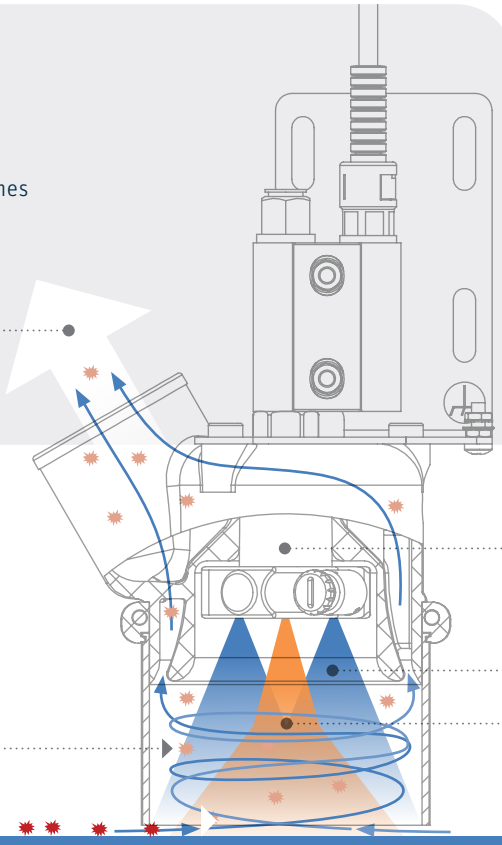
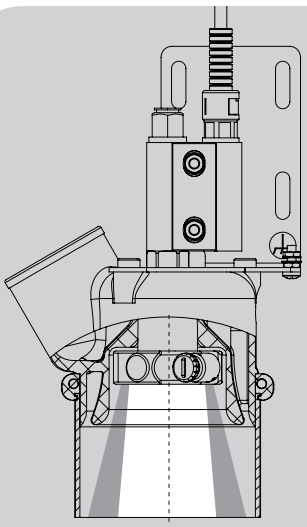
Functional principle

Suction of particles
Suction volume must be 10 – 20 times the blown in air volume

Suction flow





Technical information

Enclosure	Plastic (PA, conductive) with bracket (VA) and skirt (AL) or flange (PA)
Bar element	plastic PA6.6, 30 % GF
Emission tips	tungsten
Operating ambient temp.	0 ... +80 °C with compressed air 0 ... +60 °C without compressed air
Ambient humidity	max. 70 % RH, non dewing
Weight	approx. 700 g
Operating voltage	max. 5 kV AC
Short circuit current/tip	0.05 mA
Contact protection	contact protected according to EN 61140
Speed sensor	option
Air connection	quick plug connection NW8
Max. air pressure	6 bar
Required air pressure	2,5 to max. 6 bar, dry, oil-free, filtered – filter unit < 20µm
Air consumption	2 x 1 nozzle
0.8 mm nozzle	7.5 Nm³/h
1.1 mm nozzle	10.0 Nm³/h
1.4 mm nozzle	12.2 Nm³/h
1.6 mm nozzle	13.1 Nm³/h
Suction volume	120 Nm³/h at 50 mbar negative pressure
Following Standards are fulfilled	ANSI-ESD-STM3.1, RCJS-TR-5-4, JIS C 61340-4-7, IEC 61340-4-7 ED.2 Ionbalance*

* In connection with the PRO IONIZER ES61 power supply and defined parameters

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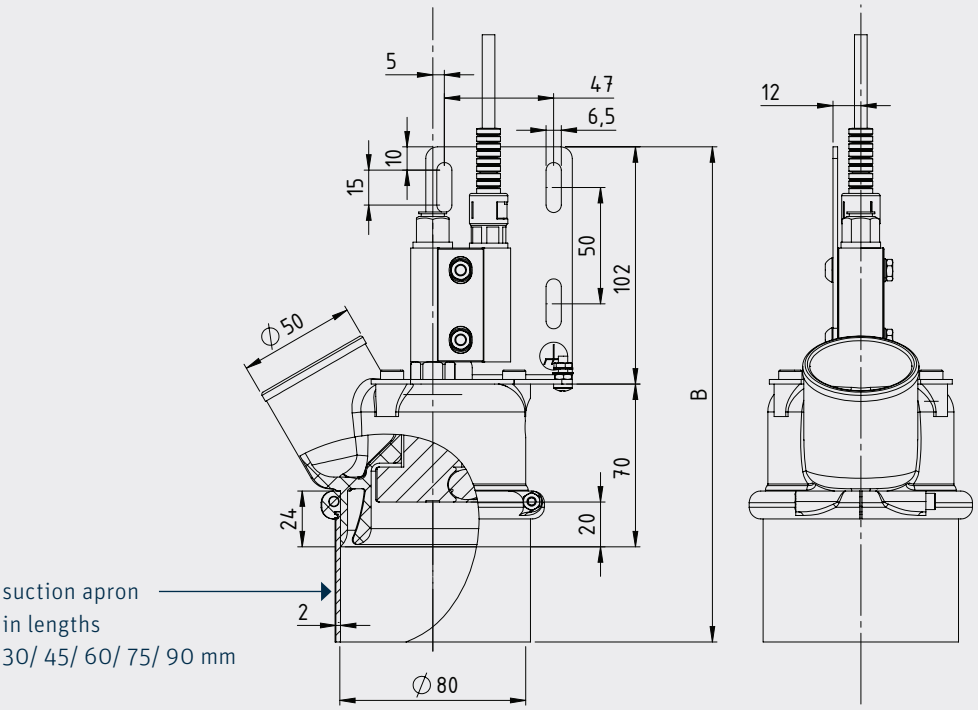
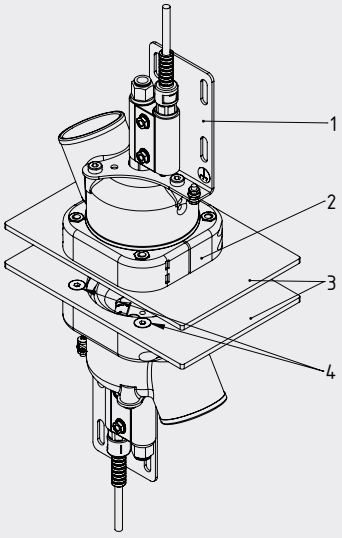
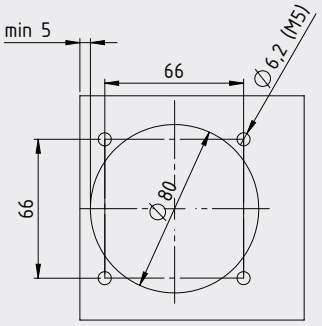
Dimensions



suction apron
in lengths
30/ 45/ 60/ 75/ 90 mm



1 mounting plate
2 mounting flange F1
3 Air baffles
(not included in the delivery)



4 Hole pattern in air baffles (3)