



Performax IQ Easy anti-static bar with airknife



A Simco-Ion anti-static bar with airknife combine the effects of air amplification and ionisation to produce a high-velocity "sheet" of ionised air (amplification ratio as high as 25:1). This combined effect can be used for static neutralising and dust removal in a single operation, for instance in the automotive finishing, printing, packaging, plastics and textile industries. The airknife is very compact and does not have any moving parts. Simco-Ion anti-static bars produce an electrical field which causes air molecules to break down into positive and negative ions. These ions are picked up by the high-velocity airflow produced by the airknife and propelled into the work area where they neutralise the charged surface or product.

The airknife with Performax IQ Easy is the especially useful for situations where the ionisation or cleaning needs to be mobile s.a. cleaning parts with a robot. With the 24V connection it is easy to install in such applications. The Airknife with Performax IQ Easy is standard available in 4 lengths, 150, 310, 460 and 610 mm. Longer combinations on request.

Technical specifications

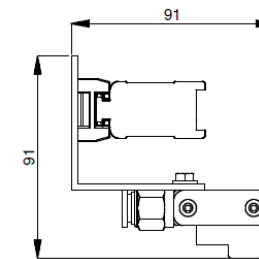
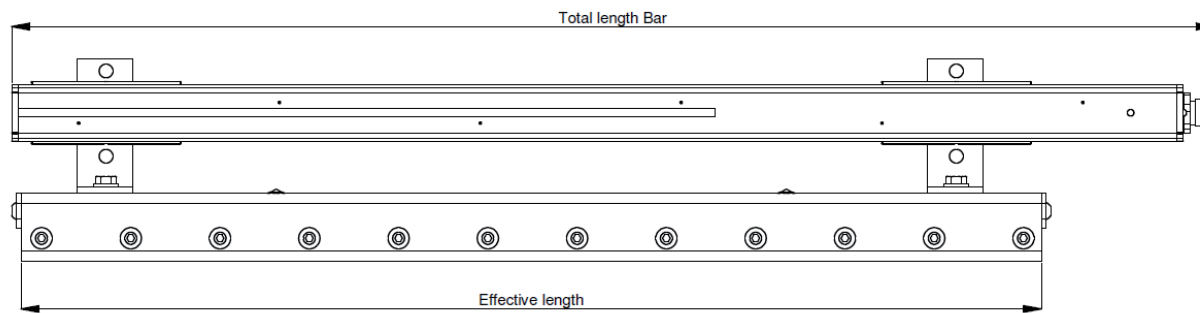
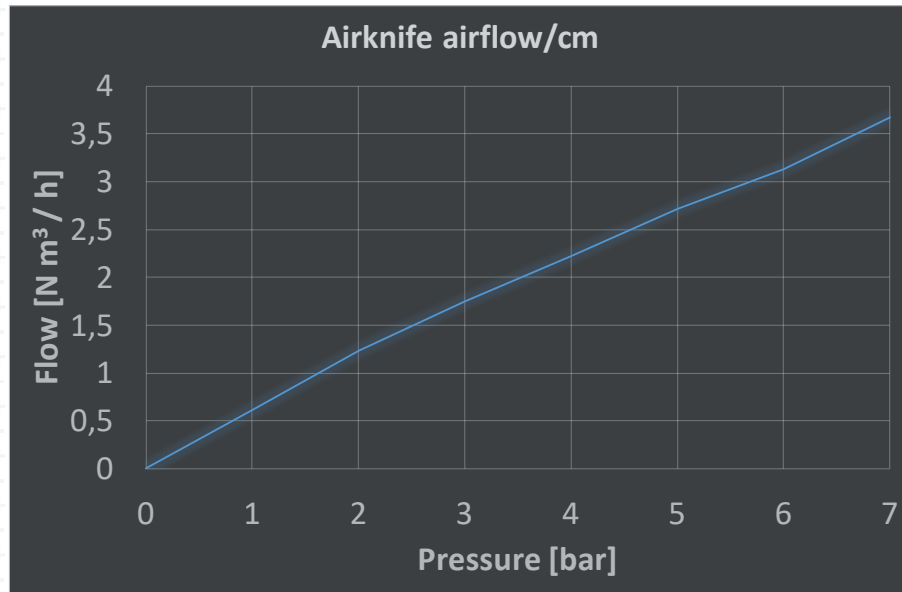
Working distance	3000 mm max.
Working width	standard: 150 310 460 610 mm, lengths over 610 mm on request.
Housing material	aluminum/reinforced plastic
Ionizing bar material	Potting
Emitter pins	special alloy
Cable	low voltage cable
Weight	4 kg/m
Ambient temperature	0 - 55°C
Use circumstances	Industrial
Operating voltage	24 V DC
Air consumption	see graph
Pressure	max. 10 bar
Airconnection	1/4" BSP

Posibility to connect to the IQ Easy platform

It is possible to connect a Performax IQ Easy anti-static bar with airknife to the IQ Easy platform, this provides the following benefits for you and your end customers:

- ⊕ Your end customers expect a very high quality product with very little, or no, static charge. With the IQ Easy system, you will get the **lowest possible residual static charge at the end of your production process.**
- ⊕ **Production failures and production stops will be reduced.**
- ⊕ Quality assurance: you can **find back all data and action logs.** When you get customer complaints you can prove what the residual charge was on your end product.
- ⊕ An advantage of the IQ devices instead of the classic static devices is that you will get a warning when there is something wrong with a device so that you can intervene on time. The warnings and alarms will give you the change to plan the maintenance or replacing of equipment before full break down. So **no surprise machine stops due to defective static control equipment anymore!**
- ⊕ The IQ Easy system will provide optimum settings for the devices to **ensure maximum neutralisation efficiency.**
- ⊕ **4 years warranty** on all 24V products





Technical drawing Performax IQ Easy with airknife

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