



Blowflex Easy

Blowflex Easy is an in-line ionising 24V DC air nozzle for neutralising and cleaning various surfaces. A quick disconnect 8mm inlet hose connection comes as standard. Mounting positions can be adapted to the situation, using the mounting base from the Blowflex itself with 4,5 mm holes & the M4 threaded holes or the Simco-ION universal mounting bracket. The housing is completely IP certified, making it suitable for environments where frequent cleaning is conducted. A wide range of output configurations is available to enable efficient ionised air distribution for many applications.

Features

- Supply voltage 24V DC nominal
- Compressed air 0,5 - 5 bar (7 - 73 PSI)
- Air connections G 1/4" female threads, 8 mm quick push in hose inlet
- IP Protection class

Blowflex IQ Easy

"The smart in-line ionisation nozzle"

Our new Blowflex IQ Easy offers everything the Blowflex Easy offers with additional IQ functionality. It can be connected to our Smart SLC. If monitoring and continuous status information for correct operation of the Blowflex is needed, the IQ variant is for you. More reliability, more adjustment and more monitoring.

Additional IQ Features

All Blowflex Easy features, additionally;

- Monitoring of air pressure input*
- Air pressure ionisation trigger adjustable*
- Switch on automatically when pressure is applied (reduces wear and pollution)
- Remote on/off (non-IQ use)
- Adjustable current*
- Operation OK (non-IQ use)

*Only in combination with the Smart SLC

IQ Easy system

What is our IQ Easy system?

The Simco-ION IQ Easy platform is **the only smart system worldwide for controlling electrostatic** during your process. It has a central position in your machine. The IQ Easy platform enables:

- Standardised quality control
- Safety and convenience features
- Pro-active ionisation control

Carefree processes through smart devices that tell you when action is needed and can even solve efficiency issues by themselves through closed-loop feedback. The Smart SLC or Manager IQ manages these processes and links the devices.

IQ software is built into almost all our products, our ionisation bars, sensors, charging devices and even our ATEX approved products have IQ compatibility. Our IQ products can be linked together with a Smart SLC or Manager IQ Easy, which function as the heart of the system. With the Smart SLC and Addition SLC's, control of up to 84 devices is possible. The IQ Easy system with compatible IQ devices enables:

- Live monitoring of all IQ devices
- Live adjusting of all IQ devices
- IQ devices can be switched on and off remotely
- Live efficiency data, with notifications when to clean connected devices
- Logging of all data from the whole static control system

In short: Manage all your IQ devices real-time. The IQ devices solve efficiency issues through closed-loop feedback, or alert you when action is needed. Carefree static control in your process.

Why IQ?

It is the smart way of controlling electrostatic, where **our products do the work for you and the IQ Easy system shows you when action is necessary**. Safety is enhanced, preventing explosions or fires in your machine originating from electrostatic charges and preventing shocks to employees. The devices tell you when they need cleaning, and whether they run efficiently. Closed-loop feedback can be enabled to have a smooth process where the required static charge is met.

In short: Safety through risk-control. Efficiency. Quality control.



Technical specifications

Supply

Supply voltage	24V DC nominal
Current	Max. 0,3 A DC
Connection	M12 connector, male, 5-pins
Air connections	G 1/4" (BSPP) female threads
Compressed air connector	ø8 mm quick push in hose inlet

Environment

Use circumstances	Industrial
Protection class non-IQ variant	IP66
Protection class IQ variant	IP55*
Ambient temperature	0 - 55°C

Mechanical

Weight non-IQ variant	>=180 g, depending on type
Weight IQ variant	200 g to 260 g, depending on type
Housing material	PC-ABS/PUR
Universal mounting bracket	PA66/6

Pressure range for the IQ variant

Basic or inline	0,3 - 5 bar (4 - 72 PSI)
Flat nozzle	0,3 - 4 bar (4 - 58 PSI)
Inside cleaning 1/4"	0,3 - 3 bar (4 - 43 PSI)
Inside cleaning 3/8"	0,3 - 5 bar (4 - 72 PSI)
Round nozzle plastic	0,3 - 3 bar (4 - 44 PSI)
Round nozzle stainless steel	0,3 - 3 bar (4 - 44 PSI)

*depending on way of mounting and use of bottom plate - check User Manual for more information

Application examples



Form Fill Seal



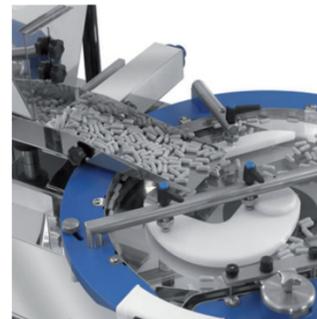
Offset Printing



CNC Milling



Edge Banding



Vibration Bowl Feeders



Need help? Scan the QR code

Mounting options



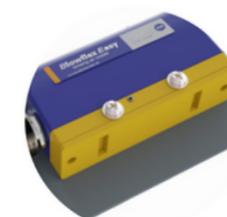
Universal bracket
small



Universal bracket
wide



Bottom mounting



Side mounting

Available configurations

+ Basic



+ Flat nozzle



+ Round (stainless steel)



+ Round (plastic)



+ In-line



+ Bended tube



+ Inside cleaning

