

Features

Reduces filter replacement



Reduces the wear and tear of the ASD



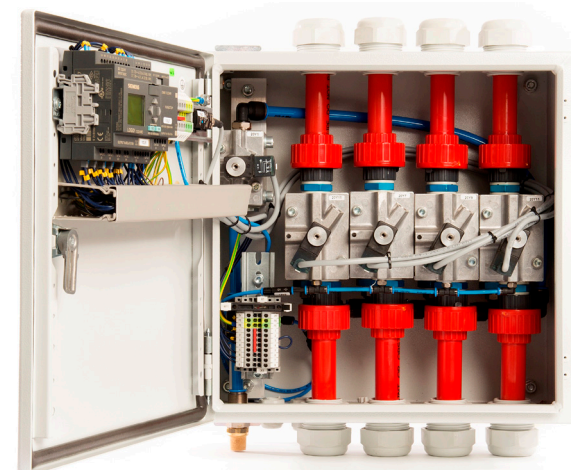
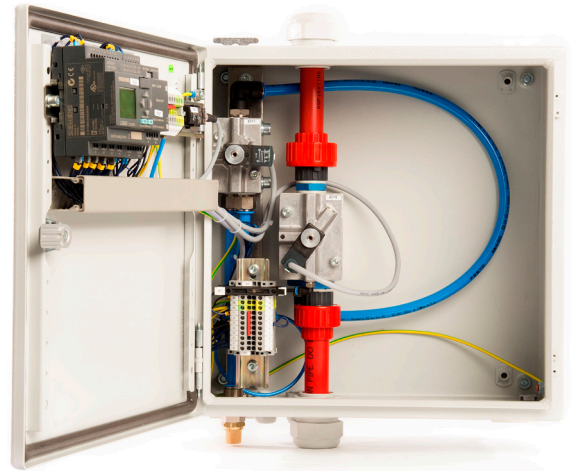
Stops the transport and lifting of vacuums and compressors



Reduces call outs caused by flow faults



Lowers the overall cost to maintain



This automatic aspiration maintenance system is highly effective in blowing the network of pipes clean. The system is installed right above the detector in the piping network and briefly blows pressurised air into the pipe in order to remove any accumulated dirt. The pulsating effect of the air that is pushed through ensures that even persistent dirt is stripped from the inside of the piping network and removed. Fine dust such as from cocoa, straw, animal foodstuffs or numerous other continuous processes involving the release of high levels of dust will be removed.

Another major advantage of The Blazer is that a programmable logic controller can be used to program when the blow-out takes places. According to need, this can be daily, weekly or planned in-between certain shifts, taking into account weekends. During the cleaning process, the aspiration system continues to function without any further intervention required.

The Blazer aspiration maintenance system has been developed with the aim of securing the proper performance of the aspiration system. A clean system has a longer lifespan and a positive effect on operational reliability and with that operation times. The risk of the detector issuing an alarm due to blockages and pollution in the piping network is reduced to a minimum as is the frequency at which the filters need to be replaced.

In order for The Blazer to perform properly it needs a minimum pressure of 4 atmospheres. In order to handle these pressure levels, the system uses high-quality valves. As in the case of the valves, a conscious choice was made for high quality A-brand parts for the development of The Blazer. Once The Blazer comes into operation, a cleaning cycle is started at the aspiration pipe that is connected first, depending on the number of pipes connected. The first channel is cleaned in accordance with an adjustable time after which the system switches to the second and, if present, the third and fourth aspiration pipes.





Technical Specification

Power	24 Vdc Nominal (18-30Vdc)
Current	15 - 100mA
Housing	Steel, powder coated RAL 7035
Dimensions	380mm x 380mm x 210mm (14,96 x 14,96 x 8,26 inch)
IP Rating	IP66 (complies with NEMA 4)
Weight	Blazer 100: 13.7kg Blazer 200: 15 kg Blazer 300: 17.3kg Blazer 400: 18.6kg
Input Relays PLC	System Fault (NC) 10A/30Vdc
Output PLC	2 x remote stop, 1 x remote start
Display	Alarm, fault and time
Compression Connection	1/2" bsp x 12 mm female connector Buffer tank 500 liter, supply pipe diameter At least 18mm at up to 50 meters
Air Pressure	4 – 8 bar
Air Consumption	4 bar, 100 liter per 17 sec. 8 bar, 250 liter per 17 sec
Compressed Air Quality	ISO 8573-1 :2010 klasse 1.4.1
Certification	VDS pending in combination with VESDA



Ordering Information

22-500	The Blazer 100
22-501	The Blazer 200
22-502	The Blazer 300
22-503	The Blazer 400

