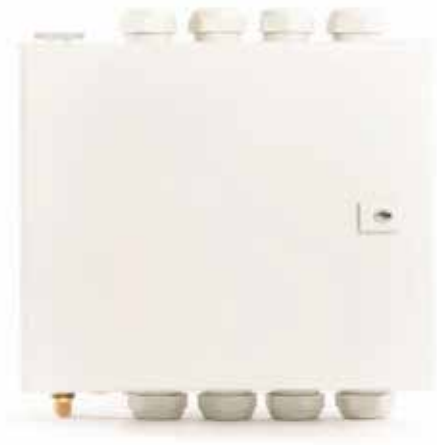
BLAZER

Blazer 100 - I Pipe

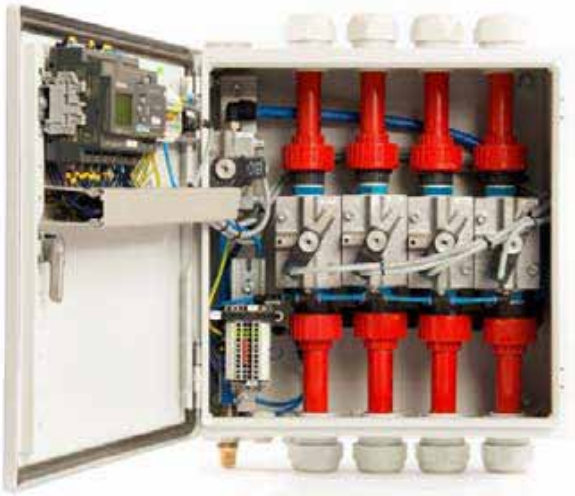
Blazer 200 - 2 Pipe

Blazer 300 - 3 Pipe

Blazer 400 - 4 Pipe



The Blazer
aspiration maintenance unit



"Automatic maintenance as often as desired"

By acquiring an aspiration system you invest in your fire safety. However, you need to carry out maintenance in order to guarantee the continuity of this investment. The Blazer carries out the maintenance of the piping network of your aspiration system as often as desired.

Carrying out maintenance to the piping network of an aspiration system is a labour intensive job, certainly so if this network is poorly accessible. By using The Blazer you simply install the automatic maintenance unit near the detector in the piping network and that is all there is to it.

By using the Blazer maintenance unit you can be sure that the pipes of your aspiration system are clean. This in its turn has a positive effect on the time frame within which the filters in the detector normally get polluted. Furthermore, the lifespan is extended which has a positive effect on the running costs in both the short and long term.

Operation of The Blazer

To activate The Blazer, clean compressed air with a minimum of 4 bar is needed. The air will be blown into the first pipe and after the set time has elapsed, the pressure valve closes and the system will start with the next pipe depending on the number of pipes up to 4 for The Blazer 400. The aspiration system won't be effected by this sequence as a result of the time schedule set within the integrated PLC. The pulsed delivery of the compressed air from the Blazer results in more effective cleaning of the pipes and any dirt attached to the pipes will be displaced by the alternating air flow and blown out via the suction holes. Depending on the grade of pollution a variety of schedules can be set from daily to weekly.

Specifications

Power supply	24 VDC nominal (18 - 30VDC)
Power requirement	The Blazer 100 … mA @ 24VDC The Blazer 200 … mA @ 24VDC The Blazer 300 … mA @ 24VDC The Blazer 400 … mA @ 24VDC
Dimensions	380 mm x 380 mm x 210 mm (14.96 x 14.96 x 8.26
Housing	inches) RAL 7035
IP rating	IP66 in accordance with NEMA 4
Weight	The Blazer 100 13.7 kg The Blazer 20015 kg The Blazer 300 17.3 kg The Blazer 400 17.6 kg
Output relays	
PLC	4 x 10A @ 30 VDC (max.) for valves 1 to 4 inclusive
PLC extension	4 x 5A @ 30 VDC (max.) for valve 5 and fault
Input relays	
PLC	8 x DC (pre-programmed)
PLC extension	4 x DC (comp. air, 2 x remote stop, remote start)
Display	Alarm, fault status, clock
Compressed air connection	12 mm female connector (push-in fitting)
Warranty period	1 year (repair warranty)
Order information	The Blazer 100 for 1 pipe The Blazer 200 for maximum of 2 pipes The Blazer 300 for a maximum of 3 pipes The Blazer 400 for a maximum of 4 pipes
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
Warranty:	1 year from factory
Order information:	The Blazer 100 (1 tube)