



## ***The Blazer 100***

### **“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.

### Technical specifications of The Blazer 100

Article number:	ETBU-100
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 rate:	IP66 (complies with NEMA 4)
Weight :	13.7 Kg
Input relays PLC:	System Fault (NC) 10A/30Vdc
Output PLC:	2x 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 Xtralis
Warranty:	1 year from factory
Website:	<a href="http://www.aspirationmaintenanceunit.com">www.aspirationmaintenanceunit.com</a>



The system is developed to operate with all VESDA aspiration systems. Other systems can be used upon request.

