

## 6. Cleaning

The unit requires cleaning on external surfaces only. Avoid cleaning fluid from entering into any orifices. If cleaning fluid is used, apply cleaning fluid to a cloth/other. Dry immediately with a dry cloth/other after application.

**DO NOT** use any oil based cleaning fluids (**note: soaps can be oil based**).



## 7. Technical

Case:	ABS
Input Voltage:	12v DC nominal
Fuse:	500mA Antisurge
Alarm buzzer noise level:	95 dB
H x L x W (mm):	50 x 160 x 90
IP Rating:	IP66
Flame Resistance Rating:	UL 94 V-0

Manufactured by:

**Oxylitre Holdings**

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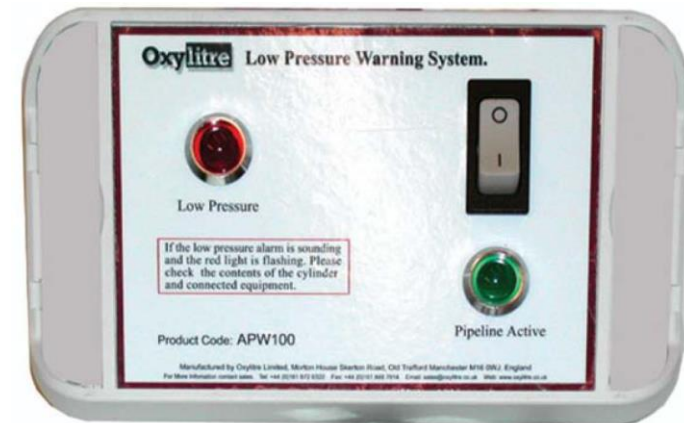


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**Oxylitre**  
Holdings Ltd

## Ambulance Pipeline Low Pressure Warning System

Operating, Installation & Safety Instructions



**APW100**  
**Made in the UK**



## 1. Introduction

The system is designed to alert the end user if the ambulance pipeline system is not within safe working parameters. It has been designed to automatically sound an alarm buzzer and indicate low gas pressure in the ambulance pipeline system via a flashing red LED. The alarms will activate at a gas pressure of 3.5 bar (descending). Each system is intended to be mounted permanently on the ambulance bulkhead.

## 2. Installation Instructions

The system is supplied with the pipeline input adaptor (3/8" bsp) to connect to the ambulance pipeline, a 12v input (black cable) and optional signal output (white cable). Both cables are supplied as 2 metres in length. Connect the Low Pressure Warning System to the Ambulance 12v DC supply according to the ambulance fitter guidelines. The signal output cable becomes 'live' i.e. has a voltage/current output only when the alarms are activated. This enables the status of the pipeline to be monitored remotely e.g. in the ambulance cab. To fix the system to the bulkhead open up the trims on both sides of the box (see below).



The screw holes shown can be used as the template for marking the position before the system is fixed into place via 4 screws as required.

**DO NOT** pressurise the pipeline system until the system has been wired into the Ambulance system.

## 3. Instructions for use

Once the system has been connected to the ambulance pipeline, wired in and pressurised the system can be switched on. Simply depress down the on/off rocker switch. The green 'Pipeline Active' LED will then light up. There will be no voltage/current in the signal output cable. If for any reason the system is not pressurised the 'Low Pressure' red LED will flash and the buzzer alarm sound continuously.

When the system is operating in pressurised mode with the 'Pipeline Active' green LED lit, it will continue to do so until the pressure in the system (normally 4 bar) falls to 3.5 bar. The alarms as indicated above will activate and as indicated on the front panel, the cylinder supplying the gas needs to be checked and changed as required. During cylinder changeover the system can be switched off.

## 4. Cautions

- DO NOT** stretch, pull or force the connecting hose through an acute bend.
- DO NOT** use any flammable agents near or on the equipment when in use.
- DO NOT** subject the system to excessive amounts of water or cleaning fluid or allow surfaces to become excessively wet.
- DO NOT** jet wash the product or use in severe / wet environments.
- DO NOT** clean the system whilst pressurised.
- DO NOT** stretch or pull the 12 volt DC cables and avoid contact with any sharp implements that may penetrate the cable.

## 5. Servicing & Preventative Maintenance

Servicing should only be carried out by fully qualified technicians / engineers. Details of components parts etc will be supplied during any required technical training at Oxylitre. For service enquiries and information, please contact our service department ([service@oxylitre.co.uk](mailto:service@oxylitre.co.uk)). **NEVER USE FAULTY EQUIPMENT.** Preventative maintenance ensures safety for the patient and user.

Each unit comes complete with a Manufacturers' 5-year Warranty.