

# **LOW OXYGEN**

## **Warning System**



***Safe***

***Assured***

***Reliable***

***User Friendly***

**ITI**  
**Ingen Technologies Inc.**  
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## BAFI Specifications

### Pressure Switch

Base-C360 Brass  
Base-C360 Housing-G/F Nylon  
Diaphragm-Viton  
Pressure Tested-5000 PSI  
Oxygen Cleaned  
Circuit-SPDT Gold Plated Contacts  
Termination-UL 1061 AWG  
Set Point at 500 PSI

### Rocker Switch ON/Off

Base-Thermoplastic  
Rubber Dust/Splash Cap-Elastomeric  
Circuit-SPDYT Gold Plated Contacts  
Termination-Tabs, Silver Plated

### Battery Pack (3 AAA)

Voltage 4.7V  
Battery Pack Life 3-5 Months

### Low Battery LED Alarm

Yellow Diffused Superbright

### Manifold

Material-C360 Brass  
Plating-Chrome  
Pressure Tested-5000 PSI  
Oxygen Cleaned

### Oxygen Ready LED

Green Diffused Superbright

### Low Oxygen Alarm

LED  
Red Diffused Superbright  
Audio  
Piezo Audio Indicator

### Circuit

Flammability Rating 94V-0  
Acceptability of Electronic Assembly per ANSI/IPC-A-610  
Timer for flashing LED's and pulsing audio  
Voltage sensing for low battery indication  
Pressure switch set point sensing

### BAFI Enclosure

FDA Compliant, Lexan 104

### Weight

1.1 LBS

### Dimensions(Includes Manifold)

1.75(W) x 3.7 (H) x 5.7 (L) (Patent Pending)

## •SAFETY

The BAFI is a digital warning system that monitors oxygen pressure continuously. The user will be alerted when the oxygen level is low. The BAFI provides a simultaneous audio and visual warning that can be detected at far distances by almost anyone. The audio provides a loud warning for the hearing impaired. The bright light provides a visual warning that can be seen as far as 200 yards.

## •ASSURANCE

Falling asleep or forgetting to watch the gauge is no longer a problem. The BAFI will warn almost everyone at anytime as it is designed to alarm the user if pressure drops below 500 PSI. No more empty tanks!

## •RELIABLE

The BAFI is lightweight, compact and made to last for many years. The components are FDA approved and surpass all medical standard requirements, including water resistant and resistant to marine environments.

## •USER FRIENDLY

The BAFI is easy to attach to the various models of portable gas pressurized oxygen tanks and travels conveniently.



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