"Save Your Breath With"

MODERN SAFETY TECHNIQUES

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MODEL 8021101
POINT-OF-ATTACHMENT/
LOW PRESSURE ALARM SYSTEM MANUAL

12/06

MODEL 8021101
GENERAL SPECIFICATIONS

POWER REQUIREMENTS:	**INTERNAL 9 VOLT TRANSISTOR BATTERY (EVEREADY NO 522 OR EQUAL)**
OPERATION TEMPERATURE:	**14º TO 122ºF (-10º TO 50ºC)**
MAXIMUM INLET PRESSURE:	**125 PSIG STATIC (8.6 bar)**
OPERATING PRESSURE:	**0-125 PSIG (0-8.6 bar)**
LOW PRESSURE ALARM ADJUSTMENT PRESSURE	**25-125 PSIG**
INLET FITTING SUPPLIED:	**(1) PLUG, 3/8" II X 3/8" MPT**
OUTLET FITTINGS SUPPLIED,	
STANDARD:	**(4) QUICK-DISCONNECT, 1/4" II X 3/8" MPT**
OPTIONAL:	**(4) QUICK-DISCONNECT, 1/4" SCHRADER X 3/8" MPT (MST P.N. 80166)**
SIZE:	**10 3/4" W X 9 3/4" H X 7"D (273mm X 248mm X 178mm)**
WEIGHT (WITH FITTINGS):	**7 LBS (3.2 kg)**

MODEL 8021101
POA (POINT-OF-ATTACHMENT)
(POINT-OF-ATTACHMENT WITH LOW PRESSURE ALARM SYSTEM)

Model 8021101 Point-of-Attachment system is an air distribution system that will alarm when the supplied air falls below a user adjustable preset air pressure setting. The pressure is adjustable between 25 PSI and 125 PSI.

WARNING: This device will not filter or purify the air nor will it increase the oxygen content of the air entering the system. The user of the device is solely responsible for determining its suitability for use in particular applications.

GENERAL OPERATIONS

When the inlet air pressure to the POA falls below the preset level a pressure switch connects the internal 9 volt transistor battery to the alarm (rated at 119 dB(A). The alarm will continue to operate until the pressure in the system exceeds the preset level (battery life will be greatly reduced. If this condition is allowed to persist longer than a few minutes).

INITIAL/GENERAL START-UP

(See Figure No.1)

1) Before pressurizing the POA, plug the alarm into the Low Pressure Alarm system to verify the 9 Volt battery is operational. (NOTE: If the alarm fails to alarm, replace battery as outlined below). Unplug alarm after this has been checked.

2) Now pressurize the POA. When full pressure is reached, plug the alarm into the Low Pressure Alarm system.

3) The POA System should now be fully operational. Whenever the inlet pressure falls below the specified valve, the alarm will activate.

ALARM BATTERY REPLACEMENT

(See Figure No.1)

To replace the Low Pressure Alarm battery, carefully slide the Low Pressure Alarm front cover off, making sure not to place any excess strain on the internal wiring. Replace 9 volt battery with equivalent type. (NOTE: Front cover is held onto main body by (4) pressure points located on either side of main pressure body).

The battery in this system should be replaced annually, unless frequent alarming has occurred. ALWAYS test warning system prior to use.

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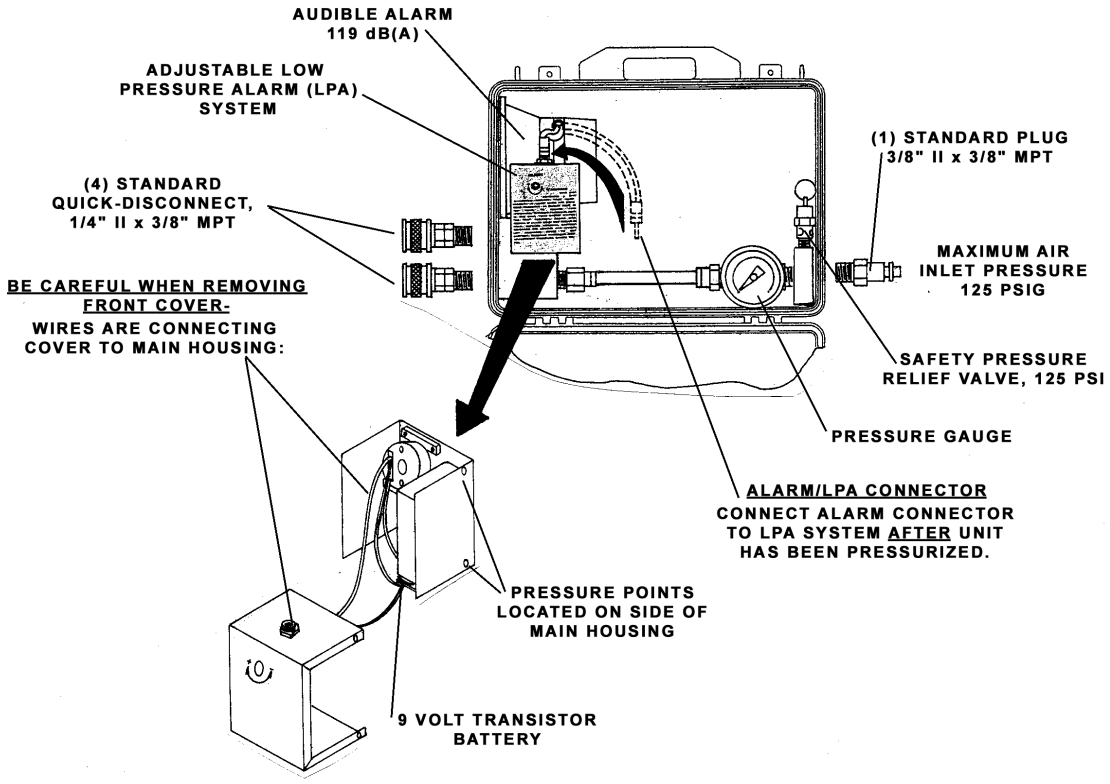

FIGURE NO.1

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For further information or questions about service or maintenance care of this device, contact your local distributor, or MST, Inc. at (800) 542-6646.