

“Save
Your
Breath
With



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**MODEL 8039601
AIR HORN ALARM SYSTEM
(FOR USE IN EXPLOSIVE ATMOSPHERES)**

The MST Model 8039601 Air Horn Alarm System is an alarm system utilizing a small compact valving system that is designed to activate an air horn should the carbon monoxide monitoring system in the Filtration and/or Purification system go into an alarm condition.

GENERAL OPERATION

MST's Model 8039601 is designed to plug into the Remote Alarm Jack of the Carbon Monoxide Monitor located on the left side of monitor. The solenoid valve will supply the customer's air to air horn when energized. The monitor's (2) 9 volt DC batteries or MST's other monitor power options will energize the air horn system. MST recommends utilizing one of the optional power sources to assure voltage is always available to trigger the Solenoid Valve. When levels of carbon monoxide cause the CO Monitor to go into an alarm condition, the internal relay system of the solenoid valve will be activated and customer's air supplied to air horn. The Air Horn Solenoid valve will close if the alarm level drops below the CO Monitor's alarm level setting, the monitor's batteries go dead/optional power source is disconnected to monitor, or the solenoid valve's signal cord going to the CO monitor is disconnected.

WARNING: This device is NOT to be used in an immediately dangerous to life and health atmosphere (IDLH) unless it is used in conjunction with a back-up escape system or a supplied air self-contained breathing apparatus (SCBA), where applicable.

Since the Air Horn System can utilize the (2) 9 volt DC battery system of the Carbon Monoxide Monitor, it is important that new batteries are installed prior to using the Air Horn System. If frequent alarming occurs, the batteries will need to be replaced more often. The inlet to your air compressor should be examined to find the major source of carbon monoxide, and this frequent occurrence should be eliminated and/or the filter cartridges in the Purification/Filtering System should be replaced more often (if you have a carbon monoxide removal-type Purification System-MST's Respiratory Protector® Series).

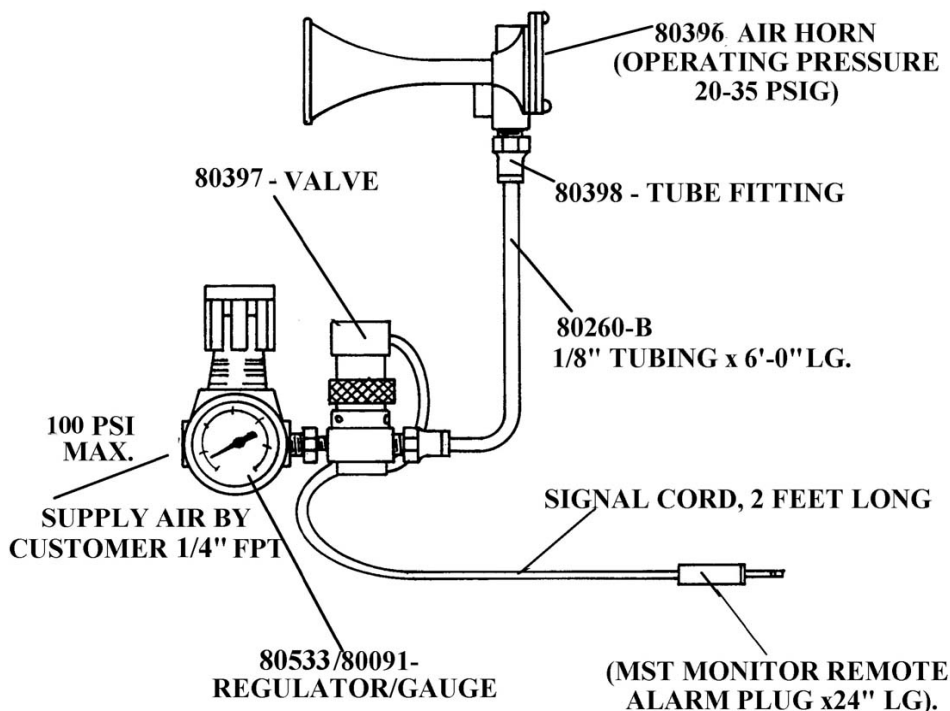
**SPECIFICATIONS
MODEL 8039601
AIR HORN SYSTEM**

POWER REQUIREMENTS:	MAIN VOLTAGE:	9 or 12 VDC
POWER CONSUMPTION:		0.65 WATT@ 6 VDC
MAXIMUM INLET PRESSURE:		100 PSI
AIR HORN OPERATING PRESSURE:		20-35 PSI

The MST 8039601 Air Horn System does not contain any user-serviceable parts. If a problem should develop with the system, the entire unit must be returned for service. Contact your local distributor, or MST at (800) 542-6646 and obtain a "Customer Return Authorization" Number (CRA#) prior to returning unit for service.

MST, INC. SHALL NOT BE LIABLE FOR ANY INJURY, LOSS, OR DAMAGE, DIRECT OR CONSEQUENTIAL, ARISING OUT OF THE USE OF OR THE INABILITY TO USE THIS PRODUCT, BEYOND THE REPLACEMENT OF DEFECTIVE MATERIALS OR WORKMANSHIP. USERS OF SUPPLIED AIR RESPIRATORS SHOULD EVALUATE THEIR OWN PARTICULAR APPLICATION AND PERFORM THEIR OWN TEST FOR AIR QUALITY AND/OR QUANTITY TO DETERMINE THE SUITABILITY FOR USE OF THIS PRODUCT.

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



NOTE: MST® RESERVES THE RIGHT TO CHANGE OR MODIFY SPECIFICATIONS AND/OR PRODUCTS.