**LIMITATIONS OF PROPANE GAS ALARMS**

THIS UNIT will not work without power. Examples causing no power are: Cut lead wires, faulty circuit connection, a blown or missing fuse, improper supply (+) or ground (-) connections.

This alarm will only indicate the presence of propane gas at the sensor. Explosive gas may be present in other areas. If you smell unusual odors you may have a gas leak. Immediately call a local propane gas supplier or fire department to check for possible leaks.

This alarm may not be heard. The alarm loudness meets or exceeds regulatory standards. However, if this alarm is in remote locations or behind closed doors the alarm may not be heard. Persons who are hard of hearing may not hear the alarm.

This alarm is not a smoke/fire alarm. It is also not a carbon monoxide alarm. This alarm is not suitable for installation in hazardous areas as defined in the National Electrical Code.

**HOW TO TAKE CARE OF YOUR ALARM**

To keep your alarm in good working order, you must:
- Test the alarm weekly. (See “TEST PROCEDURE”)
- Do not block or cover the alarm with any object that can prevent a gas leak from reaching the sensor.
- Observe the color of the indicator light on the front of the unit regularly. (See “Operating Instructions”)
- Vacuum the dust off the alarm cover weekly. (more frequently in dusty locations), using the soft brush attachment of your vacuum.
- Clean the alarm cover weekly. Hand wash using a damp cloth, or paper towel. Dry with a soft cloth.
- Do NOT SPRAY CLEANING AGENTS OR WAXES directly onto the front panel. This action may damage the sensor, cause an alarm or cause an alarm malfunction.

WHERE TO INSTALL GAS ALARMS

This alarm is UL listed for installation in recreational vehicles. Install this alarm near sources of a potential gas leak. Some potential sources are a furnace, water heater, stove or oven. If potential sources of a gas leak are in separated areas, MTI recommends installing an alarm in each area. See Figure 1 and 2.

**CAUTION:** Propane is heavier than air. For propane gas detection, install this alarm from 4 to 20 inches off the floor.

**WARNING**

WHERE NOT TO INSTALL THIS GAS ALARM.

See Figure 3.
- BEHIND FURNITURE, DRAPES, IN CLOSETS OR AREAS THAT WILL BLOCK AIR FLOW TO THE ALARM.
- WITHIN 12 INCHES OF EXTERIOR DOORS, WINDOWS, HEATING OR RETURN VENTS, OR OTHER DRAFTY AREAS.
- IN OR ON OUTSIDE WALLS.
- TO A WALL SWITCH CONTROLLED POWER LINE, GROUND FAULT CIRCUIT OR CIRCUIT BREAKER. See Master Storage Switch on front Panel.

**NOTE:** Older homes and RV’s may have little or no insulation and therefore are more drafty. Carefully consider mounting locations.

**INSTALLATION INSTRUCTIONS**

1. Power Supply 12 vDC. Connect the alarm to a properly fused circuit. All connections must be in accordance with the National Electrical Code.

**CAUTION:** ONLY USE UL® APPROVED CONNECTORS. DISCONNECT POWER UNTIL THE INSTALLATION IS COMPLETE.

**30-441/442-P:** REFER TO (“WHERE TO AND NOT TO INSTALL GAS ALARM”) connect the RED (+) power lead to the fused circuit. Connect the BLACK lead to Ground (-). Fasten the unit to the wall using the two screw holes located on the ends of the case. Reconnect the power supply.

**30-442:** REFER TO (“WHERE TO AND NOT TO INSTALL GAS ALARM”). This model requires a 1” clearance to recess the case. Cut a 5 3/8” X 2” H hole. Connect the RED (+) power lead to the fused circuit. Connect the BLACK lead to Ground (-). Fasten the unit to the wall using the two screw holes located on the ends of the case. Reconnect the power supply.

**OPERATION**

**WARNING:** This alarm cannot detect propane gas or sound the alarm for two minutes after it has been turned on.

**POWER ON:** When powered the LED color will be Green (Operational).
LOW POWER OPERATION
This alarm will operate normally down to 8 vDC. Do not operate this alarm below 8 vDC.

End of Life Signal –Sensor has a 5 Year Service Life
All 30-441/442-P models include an End of Life (EOL) Signal indicating the sensor has reached the end of its service life and you must replace the alarm. The signal is the LED flashing RED RED GREEN GREEN with a beep every 25-30 seconds. The EOL Signal may be reset by pushing TEST / RESET button on the alarm. This will reset the EOL Signal for a period of 72 hours (3 days) for a total of up to 30 days. After 30 days the signal cannot be reset and the alarm must be replaced. DO NOT DISCONNECT THE ALARM UNTIL YOU HAVE A REPLACEMENT ALARM AVAILABLE TO INSTALL.

PROCEDURES TO TAKE DURING AN ALARM
1. TURN OFF ALL GAS APPLIANCES, (STOVE, HEATERS, FURNACE), EXTINGUISH ALL FLAMES AND SMOKING MATERIAL. EVACUATE THE UNIT, LEAVE DOORS AND WINDOWS OPEN.
2. TURN OFF THE PROPANE TANK VALVE.
3. DETERMINE AND REPAIR THE SOURCE OF THE LEAK. SEEK PROFESSIONAL HELP IF NECESSARY.
CAUTION: DO NOT RE-ENTER THE PROBLEM IS CORRECTED.

TROUBLESHOOTING GUIDE
PROBLEM
LED OFF CONNECTION
NO SOUND IN TEST
NO RED LED IN TEST
ALARMS AFTER WARM UP WITH
AUDIBLE ALARM WITH YELLOW LED
CAUSE AND SOLUTION
FAULTY WIRE
REVERSE POLARITY
BAD OR MISSING FUSE
DEAD BATTERY
1. RETURN IMMEDIATELY
2. RETURN IMMEDIATELY
30-442 Flush
FLAME RATING
94-SVA
WARRANTY
1 Year Limited
TESTING LABORATORY Underwriters Laboratories
STANDARD ANSI/UL1484, Fourth Edition

OWNERS REPLACEMENT RECORD
Replace this SAFE-T-ALERT™ propane alarm within 5 years, of the production date on the back of the alarm.
Production Date
Replace Date
Install date ________________________

LED AND SOUNDER SIGNALS

OPERATION AUDIBLE SIGNAL VISUAL SIGNAL
NORMAL NONE STEADY GREEN
PROPANE ALARM CONSTANT FLASHING RED
ALARM MALFUNCTION BEEP* EVERY 30 SECONDS ALTERNATING RED/GREEN
END OF LIFE BEEPS EVERY 25-30 SECONDS FLASHING RED GREEN GREEN

LIMITED WARRANTY
LIMITED PRODUCTS WARRANTY
MTI INDUSTRIES, INC. Warrants to the original purchaser that this alarm will be free from defects of material or workmanship for a period of one (1) year. If defective in original materials or workmanship and returned, delivery costs prepaid, MTI INDUSTRIES, INC., will repair or replace this product free of charge.

LIMITS OF WARRANTY
Repair or replacement is your exclusive remedy under this limited warranty or any other warranty (including any implied warranty of merchantability for a particular purpose). Any and all implied warranties or merchantability or fitness for a particular purpose is limited to the warranty period from the original date of purchase. MTI INDUSTRIES, INC., its dealers and distributors shall in no case be responsible or in any way liable for any incidental or consequential damages, for any reason. Some states do not allow the limitation or exclusion of incidental or consequential damages, or allow limitations on how long an implied warranty lasts, so the above limitations may not apply to you. This warranty gives you specific rights, and you may also have other rights that may vary from state to state.

WARRANTY RETURN POLICY
Warning: opening this product for any reason voids the warranty. There are no user serviceable parts in the case. This alarm requires an authorization number (RA) for repair or replacement. Call MTI for a RA number. Pack the alarm carefully in a padded container. Include the RA number, an explanation of the problem, the original dated sales receipt, and your return address. Send, shipping prepaid, to: MTI Industries, Inc. 31632 N. Ellis Drive Bldg. 301 Volo, IL 60073 Customer Service Number: 800-383-0269 eMail: info@mtiindustries.com Web: www.Safe-T-Alert.com

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