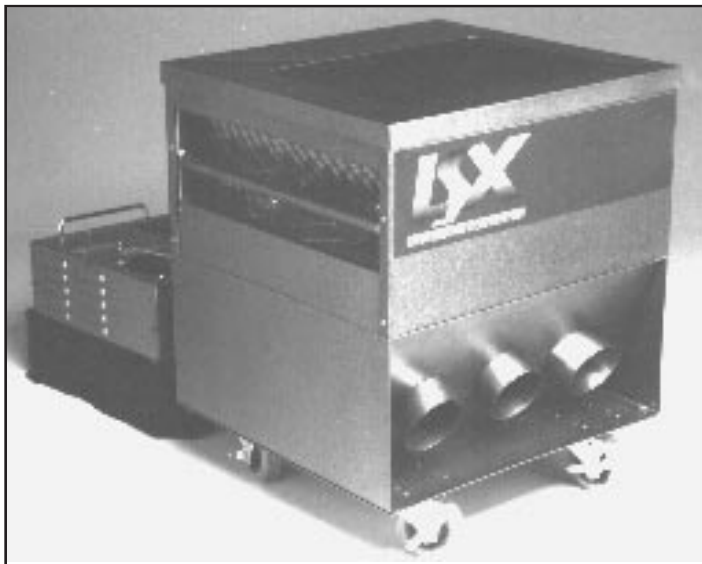


LeMaitre Special Effects Inc.

LSX Low Smoke Convertor



Operations Manual

LSX LOW SMOKE CONVERTOR

Introduction

Congratulations on your purchase of a **Le Maitre LSX Low Smoke Convertor**. With basic care, your **LSX** will provide years of trouble-free performance. The **LSX** is a product of many years of research and development resulting in a machine with many fine features and exceptional reliability.

This manual contains detailed information on the operation of your LSX. Please take a few moments to read it over carefully before use, and keep it handy for your reference.

Maintenance and Care of Your LSX Low Smoke Convertor

Although by design the LSX is a rugged machine, care should be taken in transportation and basic movement.

The LSX unit contains basic refrigeration components and improper handling may result in a shorter life expectancy. Although the LSX has a 1 year warranty, improper handling and transportation may void such warranty.

General Use

1/ During use this machine generates condensation. After use the LSX should be drained via the Drain Valve.

2/ This unit requires a 15 amp circuit to run properly. The use of any extension cords or a shared circuit is strongly not recommended.

3/ A 4" Adapter has been provided to help link the Fog Machine with the LSX. It is very important to allow as much natural cooling of the Fog before entering the Rear Port of the LSX unit. Direct input from the Fog Machine may cause un-vaporized fog to collect in the LSX cooling chamber. It may also cause unvaporized Fog to collect on the stage or floor.

CAUTION: This may cause the floor to become very slippery. This may also inhibit the performance of the LSX unit.

4/ It is essential that Le Maitre Genuine LSX Molecular Fluid is used in the Fog Machine to achieve optimum effect.

5/ The LSX Control Circuit is by design the most 'User Friendly' controlling circuit on the market. When the System Switch is in the 'ON' position and illuminated, power is established to the LSX unit. A 'GREEN LED' is provided to indicate the compressor is operating.

6/ A Low Pressure Switch is provided as protection against compressor damage. If the Low Pressure Switch has been activated the 'RED' LED will illuminate (the 'GREEN' LED will not be illuminated). Once the Low Pressure Switch has been activated a 10 minute timed cycle will begin regardless of whether the Low Pressure Switch has been Reset. Both LED's are not lighted during this 10 minute timed cycle.

7/ The Variable Fan Control regulates Fog Density Output. Some experimenting will produce various effects. An OFF position is provided on this control. It is not recommended that this control be left in the off position as this will eventually result in activation of the Low Pressure Switch.

8/ A variable damper is provided to aid in the Fog Output Effect. This damper has been designed to assist in using output extension such as 4" flexible hosing.
ie: Close when no hose is being used. Open when hose is being used.

Before Requesting Service

If LSX will not power up	Check power source and a/c connections
'green' led is not illuminated & 'red' led is illuminated	Push low pressure button in, allow internal timer to complete 10 minute cycle.
Low pressure button will not remain reset ('red' led stays on)	Low refrigerant charge (Contact local dealer)
fog will not remain on ground	1/ ensure use of genuine lsx molecular fluid 2/ Check output port for cool air temperature 3/ Check compressor led. led should be illuminated
'green' led goes out while unit is operating and low pressure light is not lit	check power supply for insufficient voltage
condensation on floor/ floor seems slippery	1/ too much fog is going to the lsx. 2/ fog machine nozzle is too close to lsx. 3/ reduce fog output or duration.

WARNING!!

**DO NOT REMOVE TOP PANEL. NO CUSTOMER SERVICABLE PART INSIDE.
CONTACT YOUR LOCAL DEALER**

WARNING!!

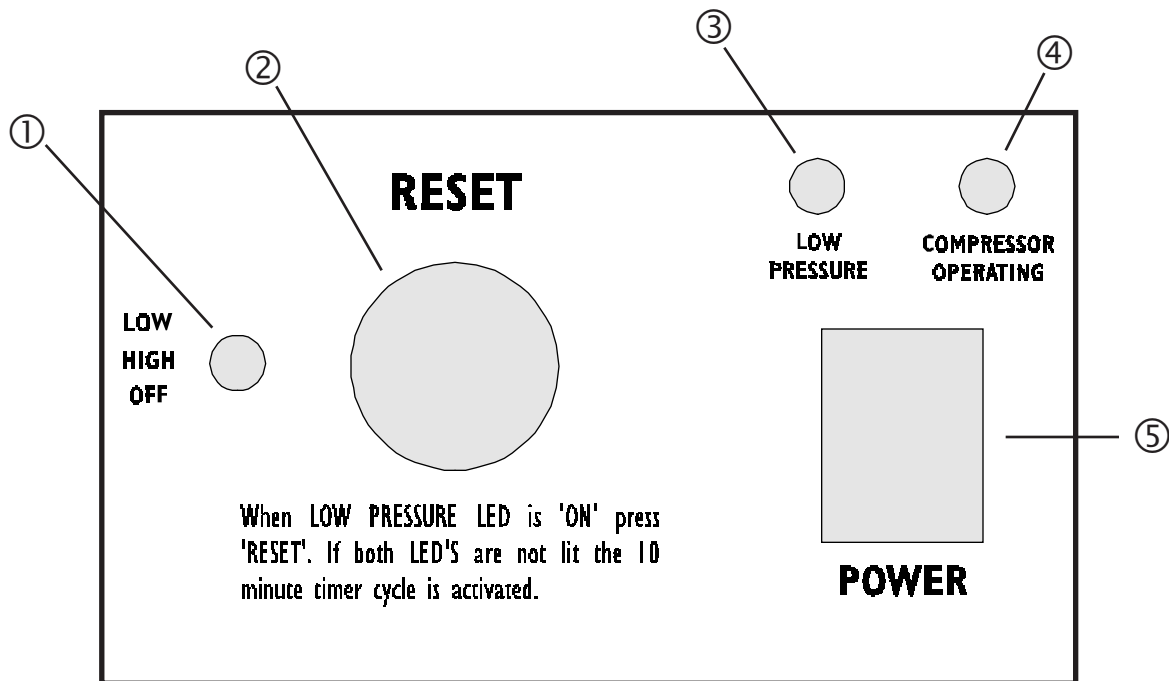
USE OF POOR POWER SUPPLIES WILL RESULT IN PERMANENT COMPRESSOR DAMAGE. (IE. EXTENSION CORDS, CROWDED CIRCUITS)

WARNING!!

TRANSPORT UNIT ON ITS WHEEL BASE ONLY, ANY OTHER POSITION WILL RESULT IN SEVERE COMPRESSOR DAMAGE.

LSX Low Smoke Convertor

Control Description



1. Operates lower fan on a variable control. Moving clockwise reduces the air flow.
Note: If fan control is left in the 'OFF' position or in a very low setting the low pressure switch will activate.
2. Resets compressor
3. Low Pressure light, when lit indicates Low Pressure Protection has been activated. Press 'RESET' button to re-activate compressor.
4. Compressor operating when lit. Compressor function normal.
4. 'ON' switch.

NOTE: A cooler ambient temperature may result in activation of low pressure reset within 2-4 minutes of initial start-up. To remedy this problem the unit can be left in a warmer location for a period of time, or a "load" can be placed on the cooling chamber via running hot fog into the unit on initial start-up.

LE MAITRE SPECIAL EFFECTS INC.
546 Sovereign Road, London, Ontario, Canada N5V 4K5