

NIMBUS OPERATING INSTRUCTIONS

Please Read These Instructions Fully Prior To Operating the Fogger

IMPORTANT WARNINGS

- ❖ **READ THE LABEL OF EVERY CHEMICAL FORMULATION that may be used in the fogger.**
- ❖ **USE ONLY FORMULATIONS THAT MEET ALL REGISTRATIONS AND APPROVALS of all applicable regulatory and government agencies.**
- ❖ **USE ONLY FORMULATIONS that are EXPLICITLY DESIGNATED FOR THERMAL FOGGING and the intended application.**
- ❖ **Note all safety precautions and relevant EMERGENCY CONTACT INFORMATION.**
- ❖ **AVOID EXPOSURE TO THE FOG - If possible operate the fogger by Remote Control from outside the immediate target area; always use a respirator and wear skin protection if there is any possibility of inhalation and physical exposure to the fog.**

GENERAL INFORMATION

1. Fill the reservoir with care; clean any formulation spillage with clean tap water.
2. Always keep the fogger upright.
3. When the fog is to be ducted, always use an appropriate CORONA Ducting Adapter.
4. Store and use the Nimbus only in dry conditions.

PREPARATION

1. Remove inner sealing cap from the Internal Reservoir. This cap protects against fluid spillage during the staging of the operation. (Never operate the fogger with the inner sealing cap in place!). Fill the Internal Reservoir with the amount of fluid required for one single application. Take care not to overfill or cause a spillage. Refit the reservoir top tightly.
2. Make sure all switches are in the OFF (0) position (down towards the operator).

DUCTING

Use a CORONA Ducting Adapter to duct fog. Do not connect a duct or hose directly to the fogger and ensure that the air holes in the spout of the fogger are not obstructed in any way. For a long or extensive duct system, the use of a centrifugal fan is recommended. The line-up between the fan and the fogger is very important. Consult CORONA.

OPERATION

1. Connect the fogger to a suitable power supply. Put the RED Power Switch to ON (1). (Some units are equipped with a panel mounted fog switch; avoid using this switch; leave it in the OFF position). The Digital Display will light up, indicating that the fogger is powering up.

2. After 3-4 minutes the Ready Indicator will light up. (Note: the machine can safely be left in this ready state for any length of time).
3. Connect the Remote Control to back panel, roll out the line to a point outside the target area and activate the toggle switch (ON and OFF) as required.
4. When it is safe to enter the target area and the fogger is no longer required, turn the Power Switch to OFF (0). (Note: the machine can safely be left under power, without producing fog, for any length of time).
5. AFTER EACH USE: Drain the formulation and flush the reservoir with clean tap water. Then operate the machine for a minimum of three minutes using the Remote Control switch at safe distance from the fogger to purge any remnant formulation.
6. Note: Some foggers are fitted with a brass Calibration Valve located on top of the unit. This valve is preset at the factory and should not be adjusted.

THERMAL CUT OUT

If the fogger overheats for any reason the Thermal Cut Out will trip, cutting off all power to the unit. If this happens, consult CORONA.

ROUTINE MAINTENANCE

1. Clean the nozzle of the Heat Exchanger regularly, using the .08" (2mm) hand held twist drill to a depth of 1" (25mm). Be sure that the fogger is cold for this operation. Under heavy use clean the nozzle every day.
2. Every 12 months the formulation fluid reservoir filter should be cleaned:
 - a) Remove the machine cover (refer to 'Removing the cover').
 - b) Drain the Reservoir.
 - c) Open up the Pump Cartridge window and carefully lift away the rubber tubing from the Pump.
 - d) Disconnect the rubber tubing from its brass extension to the Heat Exchanger.
 - e) Blow air through the tubing in the opposite direction to the normal fluid flow, while observing the inside of the Reservoir. Any filter contamination will be blown back into the Reservoir and can be cleaned by rinsing the Reservoir with water.
 - f) Refit the tubing into the Pump Cartridge making certain that the rubber tube is stretched to slightly over the Pump roller mechanism before closing the Pump Cartridge. Do not adjust the tube gripping

clamps on either side of the Cartridge (which should remain set at 4).

- g) After every 1000 - 1500 hours of operation the Heater Block should be stripped and cleaned as per instructions 'Heater, Thermocouple & Hex servicing' (form 036 - obtainable from CORONA). Remember to use a new 'stainless steel washer O-ring' when reinserting the heater core into the heater block.

Removing the cover

- a) Remove the bolts on either side of the machine.
- b) If the unit has a brass Calibration valve, remove the widest nut between it and the cover.
- c) Lift the cover off the machine chassis.

WARNING

CORONA does not accept responsibility for any damage or malfunction to or by CORONA foggers, or for any consequential damage where these instructions are not observed, inappropriate fluids are used or ducting of fog or electrical switching is carried out other than upon explicitly documented acknowledgement of CORONA INTEGRATED TECHNOLOGIES INC.

LIMITED WARRANTY

Given the wide range of fogging options, CORONA's standard product warranty will only apply to those parts of foggers that are not in direct, regular or incidental, contact by any chemical formulation (i.e. corrosion and other blemishes, reservoir, fluid lines, heat-exchanger probe, core and nozzle are not covered).

TROUBLE SHOOTING

Apply solutions in sequence and only proceed with the next step if necessary.

Problem	Solution
Fog Volume Poor	<ol style="list-style-type: none"> a. Check fluid level b. Clean nozzle of Heat Exchanger c. Execute the procedure as described under item 2 of the Routine Maintenance (above); CAREFULLY disconnect the tiny Transfer Tube into the Heat Exchanger from the brass lead extension of the rubber tube; clean the Transfer Tube with wire, and reconnect. d. Consult CORONA.
No Power at Fogger	<ol style="list-style-type: none"> a. Check fuses and replace if necessary b. If fuse blows again, consult CORONA c. Disconnect from power. Remove cover. Press Thermal Cut Out (TCO) - the red rubber button on the side of the Heat Exchanger box. Reconnect power. If TCO is tripped again contact CORONA.

Please contact Corona (1-888-878-9433 or admin@smokemachines.com) prior to shipping any equipment for servicing or repair.



www.smokemachines.com

6215 Overstone Drive, West Vancouver, BC, Canada V7W 1X7
Tel: 604-878-9433 Fax: 818-942-6036 admin@smokemachines.com