



F-7X

Smaze Machine

User Manual

- English

- 中文



1. Introduction	1
2. Safety Information	1
3. Package Contents & Inspection	2
4. Machine Details	3
5. Technical Label Information	3
6. Fog Fluid	3
7. Setting and Manual Operation	4
8. Control Settings	4
9. DMX Connection	6
10. RDM Function	6
11. EasySwitch Wireless Remote (Optional)	7
12. EasySwitch W-DMX Receiver (Optional)	8
13. Service and Maintenance	9
14. Technical Specifications	10
15. Warranty Disclaimer	10
16. Machine Dimension	11
1. 前言	12
2. 安全注意事項	12
3. 包裝內容與檢查	13
4. 機器訊息	14
5. 技術標籤資訊	14
6. 煙霧水	14
7. 設定與手動操作說明	15
8. 控制設定	15
9. DMX 說明	17
10. RDM 功能	17
11. EasySwitch 無線控制器(選配)	18
12. EasySwitch 無線 DMX 接收器(選配)	19
13. 維護和保養	20
14. 技術規格	21
15. 保固聲明	21
16. 機器尺寸圖	22
Appendix I Grounding Instruction	23



User Manual

1. Introduction

Please read all the user manual before operating the machine, and place the manual where the user can refer to it at all time. The manual includes how to install and operate the machine under safe conditions and explain all the labels printed on the machine. If you encounter any problem, contact your local Antari dealer for assistant immediately.

2. Safety Information

	DANGER	If the danger is not avoided, it will cause death or serious injury
	WARNING	If the warning is not heeded, it can cause death or serious injury.
	CAUTION	If the precaution is not taken, it may cause minor or moderate injury.



DANGER

- Must connect the machine to the correct rated voltage or it might lead to an electrical shock or a burn and may cause serious consequences.
- Must connect the machine to a protected circuit and ensure it is properly grounded to avoid the risk of electrocution. For grounding instruction, please refer to Appendix I on page 22.
- Do not operate the machine with a bundled power cord, it could lead to a fire hazard.
- When operating the machine, do not point at people, animals, or fire.



WARNING

- Please operate the machine on a flat, level hard and well-ventilated surface area, reserve at least 50cm space around the machine and make sure there is no flammable gas or material nearby.
- Do not disassemble, repair or modify the machine, it may cause damages, malfunction, risk of electrical shock or result in fire.
- The machine can only be operated by adults or professionals, is not intended for use by person with reduced physical sensory, mental capabilities, or lack of experience and knowledge including children.
- Do not leave the machine running unattended, make sure all powers are off when leaving.
- Children should be supervised to ensure that they do not play with the machine.
- Do not use the machine upside down or tilt it, it might cause damages or malfunction.
- Please store the fluid inside in a well-ventilated area without direct sunlight and keep out of reach of children. In case of eye contact or accidentally swallow the fluid, please seek medical attention immediately.



CAUTION

- Keep the machine dry at all time. The machine is not waterproof, do not expose the machine to water, rain or moisture environment.
- Please make sure the power outlet is not damaged or loose before plug in the power cord.
- If the power cord is damaged, it must be replaced by Antari or its local dealers, otherwise the warranty will be void.
- Before transporting the machine, please make sure the fluid is drained and tank is empty. (Recommend using original package)

- The machine is for indoor use only.
- Do not operate the machine in any area with unstable voltage.
- If you experience strange sound or malfunction, turn off the power and unplug the power cord immediately and contact your local Antari dealer for assistant.
- Do not contact any moving part.
- Only use accessories recommended or sold by Antari.
- Please make sure the power is off when not using the machine and unplug the power cord if not intend to use for a long period of time.
- To disconnect, turn all controls to the off position, then remove plug from outlet.
- Do not unplug by pulling on cord. To unplug, grasp the plug, not the cord.
- Unplug from outlet before servicing or cleaning.
- Do not operate the machine with a damaged cord or plug, or after the machine malfunctions or is dropped or damaged in any manner. Return machine to the nearest authorized service facility for examination, repair, or electrical or mechanical adjustment.
- To ensure the lifespan of the machine, please only use the fluid manufactured by Antari, do not use other fluid or additive, otherwise it may cause malfunction.

Before operating the machine, please read all warning labels on the machine, description as below;

Rear Cover Printing

WARNING!

DISCONNECT POWER BEFORE CHANGING FUSE.
USE ONLY WITH ADULT SUPERVISION.
DO NOT OPERATE WITHOUT LIQUID.
FOR INDOOR USE ONLY. KEEP DRY.
NO USER SERVICEABLE PARTS INSIDE.

CAUTION!

ONLY USE MANUFACTURER DESIGNATED FLUID.
NEVER ADD FLAMMABLE SUBSTANCES.

3. Package Contents & Inspection

Immediately upon receiving the machine, carefully unpack the carton, check the content to ensure it is the correct model and all parts are included. If any part appears to be damaged or missing during transportation, please contact your local dealer and return in original package for inspection.

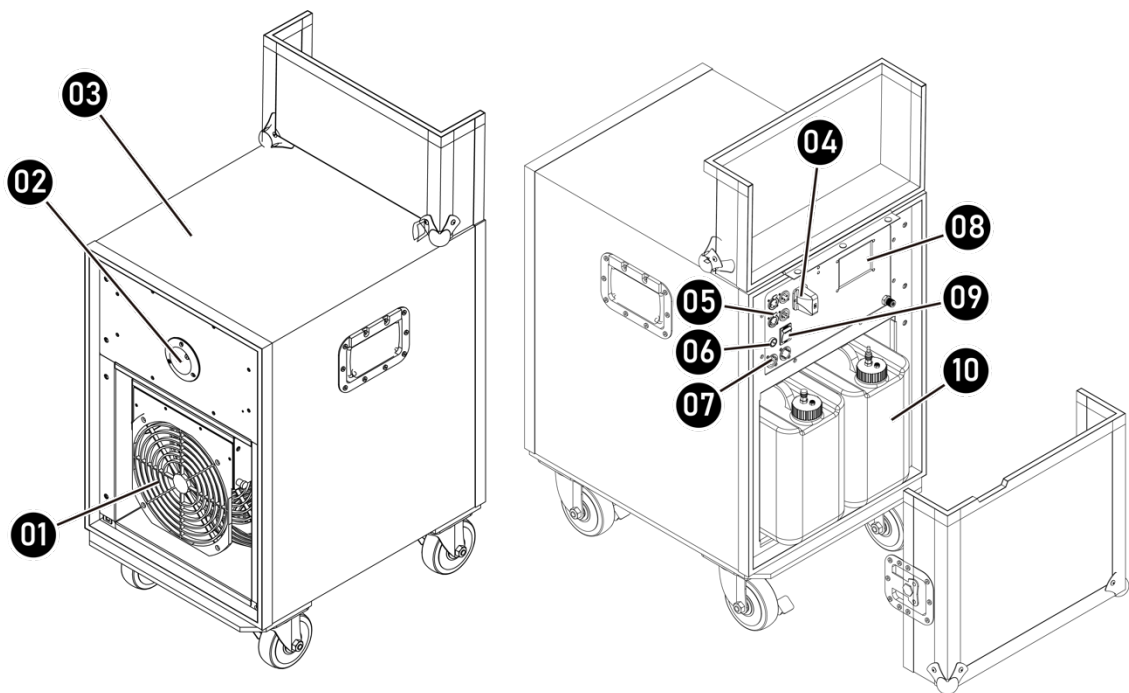
3.1 Package Contents

1 x F-7X Smaze Machine
2 x 5 Liter Fluid Tank
2 x Neutrik powerCON Power Cable
1 x User Manual or Scan QR Code on the Machine

3.2 Optional Accessories

Item Code	Description
ES-W2-RECEIVER	EasySwitch Wireless Remote (Wireless Receiver/W-2 Wireless Transmitter)
ES-W-DMX	EasySwitch Wireless DMX Receiver

4. Machine Details



01. Fan	06. Fuse
02. Nozzle	07. Neutrik powerCON Connector (Power)
03. Flight Case	08. LCD Touch Screen
04. Wireless / W-DMX (Optional)	09. Two in One Power & Breaker Switch
05. XLR 3-Pin/5-Pin Connector (DMX)	10. 5 Liter Fluid Tank

5. Technical Label Information

Please read the technical label information on the back of the machine before operating it.

1 2 3 4 5 XXXX INPUT VOLTAGE: FREQUENCY: RATED POWER: BREAKER/FUSE: XXXX Vac 50/60Hz XXXW XXA 250V MADE IN TAIWAN 6 7 XXXXMMYYXXXXX	
1. Model Name	5. Breaker/Fuse
2. Input Voltage	6. QR CODE for User Manual
3. Frequency	7. Serial No.
4. Rated Power	

6. Fog Fluid

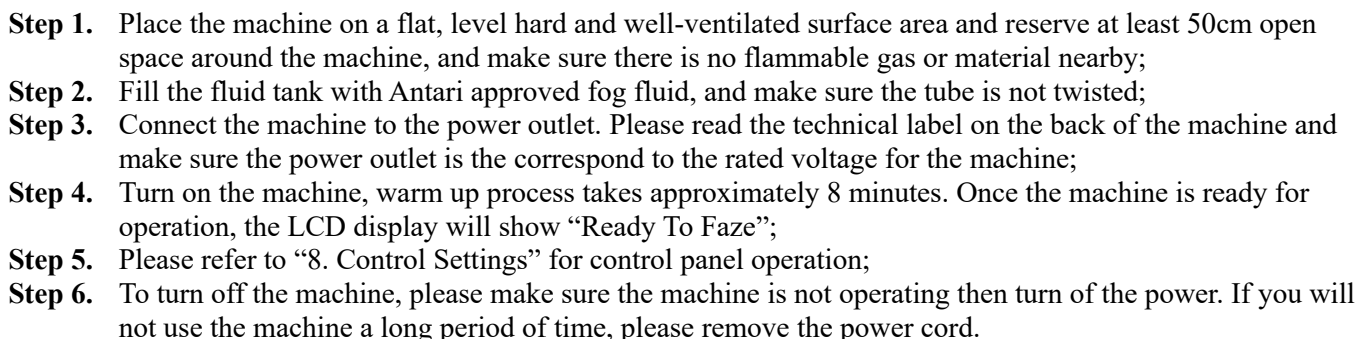


CAUTION

Always turn off the power before filling the fluid tank. Do not add flammable liquid to the fluid tank. If fluid gets inside the machine, please contact your local Antari dealer for assistant.

- Only the fog fluid manufactured by Antari can be used, do not mix or dilute the fog fluid. Due to improper storage or using other fluid might cause malfunction.
- The machine is tested and calibrated with the specific fog fluid to get the best performance.

- ## 7. Setting and Manual Operation



- Manual
- Timer
- DMX512
- Wireless
- W-DMX

A 2x2 grid of four white, rounded square buttons on a black background. The top-left button features a stopwatch icon and the text 'TIMER'. The top-right button features a hand cursor icon and the text 'MANUAL'. The bottom-left button features a circular icon with four dots and the text 'DMX'. The bottom-right button features a three-line menu icon and the text 'MENU'.

Icon	Operating Method	Action
✓	Press	Confirmed Selection
⬆️⬆️	Press	Adjust Values
↶	Press	Back to Last Page
▶️	Press	Start

Icon	Operating Method	Action
	Press	Stop
	Press	Enter Configuration
 (Green Background Color)	N/A	Selected Mode in Action

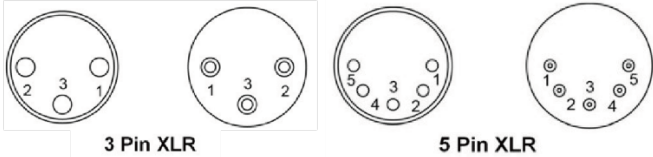
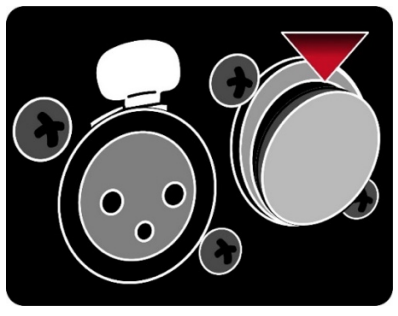
8.2 Menu Options Description

Main Menu	Item	Description	
Timer	Operation Mode	Fog / Faze	
	Interval	1 – 300 sec	
	Duration	1 – 120 sec	
	Fog Output	20 – 100%	
	Faze Output	20 – 100%	
	Fan Level	20 – 100%	
Manual	Operation Mode	Fog / Faze	
	Fog Output	20 – 100%	
	Faze Output	20 – 100%	
	Fan Level	20 – 100%	
DMX	Address	001 - 510	
	WDMX On	On / Off	
	WDMX Reset	On	
Menu	Information	Software Version	
	Setting	Operation Mode	Fog / Faze
		Fan Level	20 – 100%
		Fluid Selection	FLG / FLZ / FLH
		Fluid Detection	On / Off
		WRC Pairing	Pair / Unpair
		Quick Start	On / Off
		Language	中文 / English / 日本語
		LCD Backlight	High / Normal / Low / Auto Off
	Self-Cleaning Mode	Count Down 180 sec	

9. DMX Connection

9.1 DMX Connector Pin Assignment

The machine has a XLR 3-Pin and 5-Pin for DMX connection. The diagram below indicates pin assignment information.

 3 Pin XLR 5 Pin XLR	** There is a protection cap on DMX IN, please remove it with your finger before operation. 												
<table border="1"><thead><tr><th>Pin</th><th>Function</th></tr></thead><tbody><tr><td>1</td><td>Ground</td></tr><tr><td>2</td><td>Data-</td></tr><tr><td>3</td><td>Data+</td></tr><tr><td>4</td><td>N/A</td></tr><tr><td>5</td><td>N/A</td></tr></tbody></table>		Pin	Function	1	Ground	2	Data-	3	Data+	4	N/A	5	N/A
Pin	Function												
1	Ground												
2	Data-												
3	Data+												
4	N/A												
5	N/A												

9.2 DMX Channel Function

The machine provides 3 DMX Channels to select from, please see chart below.

Channel Mode	Channel	DMX Value Range	Function
Channel 1	1	0 – 127	Faze Mode
		128 – 255	Fog Mode
Channel 2	2	0 – 5	Output Off
		6 – 255	Output 21%– 100%
Channel 3	3	0 – 5	Fan Speed 20%
		6 – 255	Fan Speed 21% – 100%

10. RDM Function

M-12 Universal Voltage Fog Machines is RDM enabled, allowing control system to configure, monitor and manage. See below table for supported RDM categories and parameters.

10.1 RDM UID

ESTA Manufacturer ID (16-bit)		Device ID (32-bit)			
Fixed		Fixed		RDM UID Range: 0x0000 ~ 0xFFDC	
0x1E	0xD8	0x00	0x0C	0x00	0x01

※RDM UID can be set in Factory Mode

10.2 RDM Categories/Parameter ID Defines

GET Allowed	SET Allowed	Category	RDM Parameter ID's	Value	Required
		Network Management	DISC_UNIQUE_BRANCH	0x0001	O
			DISC_MUTE	0x0002	O
			DISC_UN_MUTE	0x0003	O
O		RDM Information	STATUS_MESSAGES	0x0030	
O			SUPPORTED_PARAMETERS	0x0050	O
O		Product Information	DEVICE_INFO	0x0060	O
O			PRODUCT_DETAIL_ID_LIST	0x0070	
O			DEVICE_MODEL_DESCRIPTION	0x0080	
O			MANUFACTURER_LABEL	0x0081	
O	O		DEVICE_LABEL	0x0082	
O			SOFTWARE_VERSION_LABEL	0x00C0	O
O	O	DMX512 Setup	DMX_PERSONALITY	0x00E0	
O			DMX_PERSONALITY_DESCRIPTION	0x00E1	
O	O		DMX_START_ADDRESS	0x00F0	O
O	O	Control	IDENTIFY_DEVICE	0x1000	O

11. EasySwitch Wireless Remote (Optional)

EasySwitch Wireless Remote is an optional accessory for F-7X Smaze Machines, it included a W-2 wireless transmitter and an EasySwitch Wireless Receiver. If you already purchased the wireless model, it's ready to use. If you purchase the EasySwitch Wireless Remote afterwards, please follow the instruction below. If you encounter any problem, please contact your local Antari dealer for assistant.

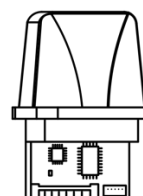
11.1 W-2 Wireless Transmitter & EasySwitch Wireless Receiver

- Battery : 27A 12V
- Effective Range : The effective range is approximately 50 meter, depends on actual condition, it may vary.
- If effective range is significantly shorter, please change battery.
- W-2 wireless transmitter has 4 buttons, each function as follow:

Button	Function
[A]	Start Fogging
[B]	Stop Fogging
[C]	Increase Fog Output
[D]	Decrease Fog Output



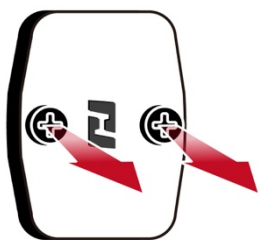
W-2 Wireless Transmitter



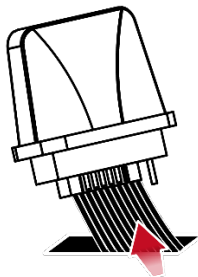
EasySwitch Wireless Receiver

11.2 EasySwitch Wireless Receiver Installation

If you purchased the EasySwitch Wireless Remote afterwards, please follow the instructions below to install the receiver. If you encounter any problem, please contact your local Antari dealer for assistant.



Graph 1



Graph 2



Graph 3

1. Please see graph 1, remove the cover from the pointed place;
2. You will see a white cable like graph 2, pull it out and connect to the EasySwitch wireless receiver;
3. Screw it back to the machine show in graph 3 and follow the instruction on 11.3 for pairing.

11.3 Pair & Unpair

Each receiver can pair up to 5 transmitters, please follow the steps below to pair or unpair the transmitters;

Step 1. Press menu to enter;

Step 2. Press setting and find WRC Pairing;

Step 3A. Press Pair to pair the W-2 Wireless transmitter;

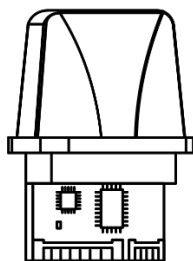
Step 3B. Press Unpair to unpair the W-2 Wireless transmitter;

12. EasySwitch W-DMX Receiver (Optional)

EasySwitch W-DMX Receiver is an optional accessory for F-7X Smaze Machines, it included a EasySwitch W-DMX receiver. If you already purchased the W-DMX model, it's ready to use.

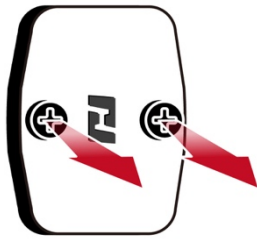
please follow the instruction below. If you encounter any problem, please contact your local Antari dealer for assistant.

12.1 EasySwitch W-DMX Receiver

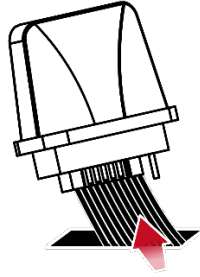


12.2 EasySwitch W-DMX Receiver Installation

If you purchased the EasySwitch Wireless Remote afterwards, please follow the instructions below to install the receiver. If you encounter any problem, please contact your local Antari dealer for assistant.



Graph 1



Graph 2



Graph 3

1. Please see graph 1, remove the cover from the pointed place;
2. You will see a white cable like graph 2, pull it out and connect to the EasySwitch wireless receiver;
3. Screw it back to the machine like graph 3 and follow the instruction on 12.3 for pairing.

12.3 Pair & Unpair

Please follow the steps below to pair;

- Step 1.** Press DMX;
Step 2. Press WDMX On;
Step 3A. Press On to link for signal;
Step 3B. Press Off to unlink W-DMX signal;
Step 4. Or Press WDMX Reset and press On to reset.

12.4 Status of W-DMX

Symbol on the Liquid Crystal Display	Status of W-DMX connection
●	Transmitter assigned, DMX signal received
⊙	Transmitter assigned, No DMX signal
◉	Transmitter link lost or linking to transmitter
○	Transmitter not assigned

13. Service and Maintenance

 DANGER	Disconnect the power cord before starting maintenance operation.
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- Always keep the machine clean and dry.
- Can use an air compressor, a vacuum or a soft brush to remove the dust on the machine.
- Can use a slightly damp cloth to clean the casing.
- It is recommended to run the machine at least once a month in order to maintain its best performance and output condition.
- Excessive dust and build up liquid residue will reduce the performance and cause overheat.

13.1 Breaker Reset (2 in 1 Power Switch)

The 2 in 1 power switch combines power and breaker function.

Please follow below steps to reset the breaker;

Step 1: Please switch to the OFF position;

Step 2: Wait 60 seconds;

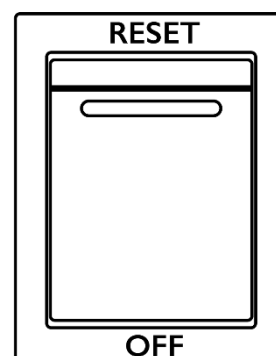
Step 3: Flip switch to ON position.

****If the breaker (switch) still jumps off after reset, please contact your local Antari dealer for assistance.**

Breaker Specification

100-120V = 15A 250V

220-240V = 9A 250V



14. Technical Specifications

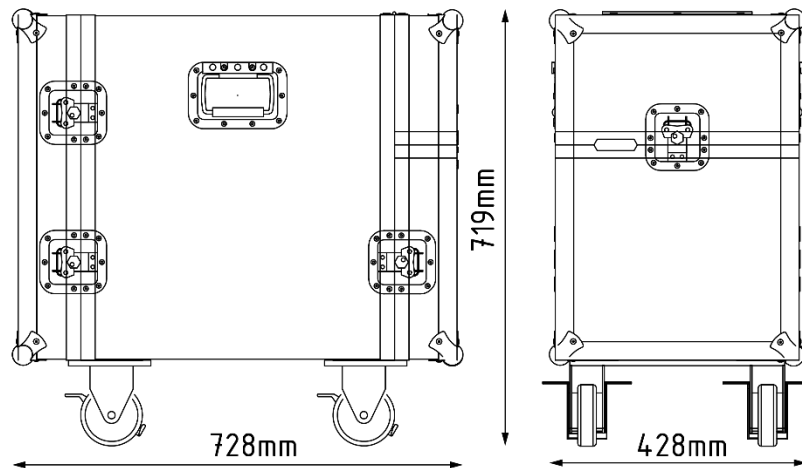
F-7X	
Input Voltage	US Model : AC 100 - 120V, 50 / 60 Hz 13.5A EU Model : AC 220 - 240V, 50 / 60 Hz 8.0A
Rated Power	100V 1400W 120V 1600W 240V 1900W
Warm-Up Time	7 Minutes (approx)
Fluid Consumption	Fog Mode : 150ml/min (100% Output) Faze Mode : 28ml/min (100% Output)
Fluid Tank Capacity	5 Liters (1.32 Gallon) X2
Compatible Fluid	Antari FLG-5E Regular Dense & Regular Dissipating Fog Fluid Antari FLH-5E Extremely Thin & Fast Dissipating Fpg Fluid Antari FLZ-5E Super Dense & Super Long Lasting Fog Fluid
Operating Time	2.8 hrs (100% Output) (Faze Mode)
Ambient Temp. Range	0°C - 40°C (32°F - 104°F)
Control Methods	Manual Timer DMX512 Wireless (Optional) Wireless DMX (Optional)
DMX Channels	3 Channel
Interface	Neutrik powerCON TRUE 1 (Power) XLR 3-Pin & 5-Pin (DMX)
Included Accessories	N/A
Optional Accessories	WTR-110 Wireless Module ES-W-DMX Wireless DMX
Dimension	L728 W428 H719 mm L28.66 W16.85 H28.31 inch
Weight	53.0 kg 116.85 lbs

15. Warranty Disclaimer

We guarantee the merchandise manufactured by us to be free from defect in material and workmanship for a period of one year. Our obligation and liability under this warranty shall be restricted to repair or replacement at our factory or local authorized dealer. We assume no liability of the products that are improperly used or used for any

purpose other than that for which they are specially designed. This warranty shall not apply to any merchandise which has been repaired, altered or assembled outside our factory in any way so as in our judgment to affect its performance, nor which has been subjected to misuse, negligence, or accident nor to any merchandise operated contrary to our printed instructions. We will not allow or be liable of any loss or any damages of any kind in connection with the use, sale, or repair of any merchandise purchased from us.

16. Machine Dimension



Appendix I Grounding Instruction

This appliance must be grounded. In the event of malfunction or breakdown, grounding provides a path of least resistance for electric current to reduce the risk of electric shock. This appliance is equipped with a cord having an equipment-grounding conductor and a grounding plug. The plug must be plugged into an appropriate outlet that is properly installed and grounded in accordance with all local codes and ordinances.

DANGER – Improper connection of the equipment-grounding conductor can result in a risk of electric shock. The conductor with insulation having an outer surface that is green with or without yellow stripes is the equipment-grounding conductor. If repair or replacement of the cord or plug is necessary, do not connect the equipment-grounding conductor to a live terminal. Check with a qualified electrician or serviceman if the grounding instructions are not completely understood, or if in doubt as to whether the appliance is properly grounded. Do not modify the plug provided with the appliance – if it will not fit the outlet, have a proper outlet installed by a qualified electrician.

This appliance is for use on a nominal 120 V circuit, and has a grounding plug that looks like the plug illustrated in sketch A in Figure. A temporary adaptor, which looks like the adaptor illustrated in sketches B and C, may be used to connect this plug to a 2-pole receptacle as shown in sketch B if a properly grounded outlet is not available. The temporary adaptor should be used only until a properly grounded outlet can be installed by a qualified electrician. The green colored rigid ear, lug, and the like, extending from the adaptor must be connected to a permanent ground such as a properly grounded outlet box cover. Whenever the adaptor is used, it must be held in place by the metal screw.

