



# Antari B-200 High Output Bubble Machine User Manual

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**Antari B-200 High Output Bubble Machine**






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## 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 condition and explain all the labels printed on the machine. If you encounter any problem, contact your local Antari dealer for assistant immediately

## Safety Information

 <b>DANGER</b>	If the danger is not avoided, it will cause death or serious injury
 <b>WARNING</b>	If the warning is not heeded, it can cause death or serious injury.
 <b>CAUTION</b>	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 17.

- 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.
- Do not leave unused fluid in the machine for an extended period.
- Do not stop the bubble wheel by force, it will damage the motor.
- Surface will be slippery after use a period of time.

## **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 operating the machine, please sure the bubble fluid is filled in the fluid box to avoid the pump in idling state which could lead to overheat and malfunction.
- Before transporting or moving the machine, please make sure the fluid is drained and fluid box 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.

- When finished, disconnect power and remove all bubble fluid from the machine.
- Do not overfill your bubble machine, overfilling will cause the leakage.
- 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.

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

Top Cover Printing

**WARNING!**  
 DISCONNECT POWER BEFORE CHANGING FUSE NO USER SERVICEABLE PARTS INSIDE USE ONLY WITH ADULT SUPERVISION FOR INDOOR USE ONLY. KEEP DRY

**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 with original package for inspection.

**Package Contents**

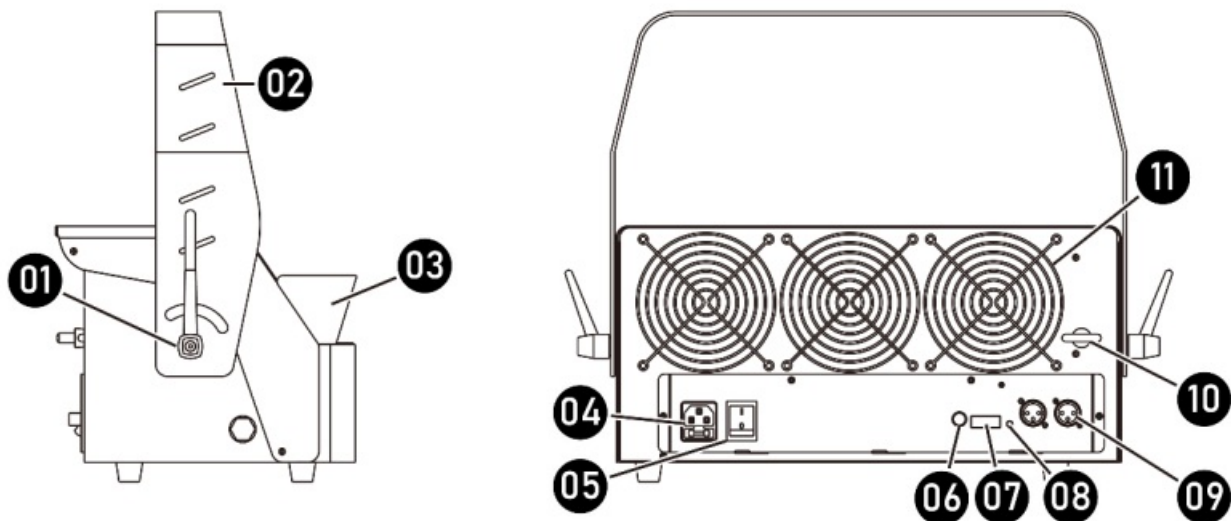
- 1 x B-200 High Output Bubble Machine
- 1 x IEC Power Cable
- 1 x Hanging Bracket
- 1 x User Manual or Scan QR Code on the Machine

**Optional Accessories**

Item Code	Description
BCT-1	Cable Timer Remote
BCR-1	Wireless Remote

**Machine Detail**

01. Adjusting Knob	07. Dip Switch
02. Hanging Bracket	08. DMX Indicator Light
03. Bubble Outlet	09. XLR 5-Pin DMX Connector
04. IEC Connector with Fuse	10. Ring
05. Power Switch	11. Fan
06. Cable Remote Input	



### Technical Label Information

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

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

### Bubble Fluid

<div> <div>!</div> <div>CAUTION!</div> </div>	Always turn off the power before filling the fluid box. Do not add flammable liquid to the fluid box. If fluid gets inside the machine, please contact your local Antari dealer for assistance.
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- Only the bubble fluid manufactured by Antari can be used, do not mix or dilute the bubble fluid. Due to improper storage or using other fluid might cause malfunction.
- The machine is tested and calibrated with the specific bubble fluid to get the best performance.
- The warranty on your bubble machine will be void if you use bubble fluid not manufactured by Antari.

## Setting and Manual Operation



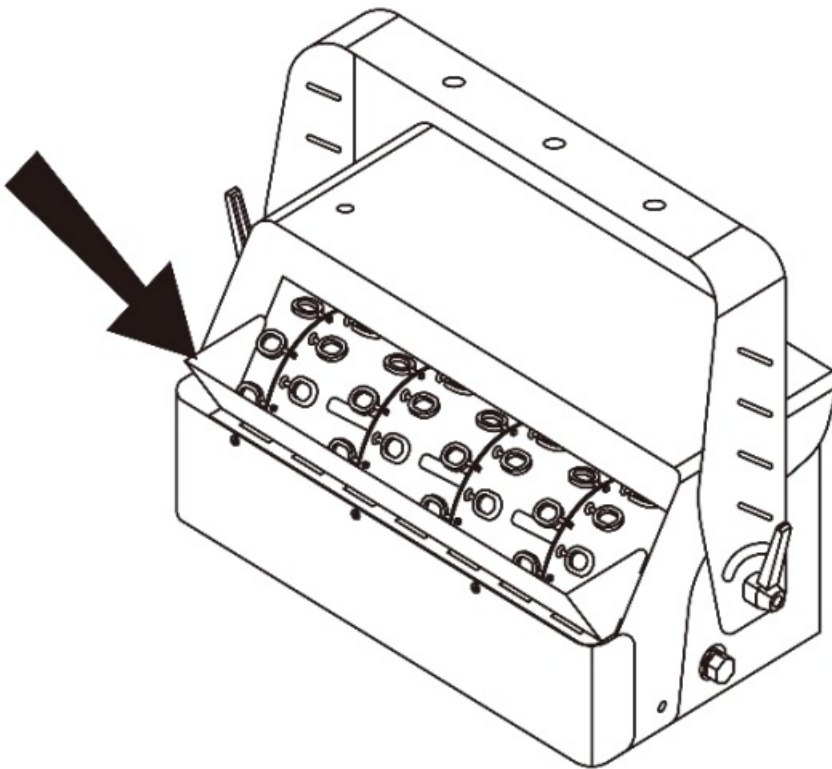
### WARNING

Machine falling off might cause serious injury, please make sure it is secure and firm on the overhead.

- Step 1.** Place the machine on a flat, level hard and well ventilated surface area and reserve at least 50cm open space around the machine, and make sure there is no flammable gas or material nearby;
- Step 2.** Fill the machine with Antari approved bubble fluid;
- Step 3.** Plug the machine to the power outlet. Please read the technical label on the back of the machine and make sure the power outlet has the correct rated voltage for the machine;
- Step 4.** Turn on the power, the internal bubble wheel and fan will active and start to produce bubble. Turn off the power to stop.
- Step 5.** To turn off the power, please make sure the machine is not operating. If you will not use the machine a long period of time, please unplug the power cord.

## Filling Bubble Fluid

Ensure your bubble machine is unplugged from the main electrical supply before filling bubble fluid.



Please pour the bubble fluid as shown above.

\*\*\* Always check bubble fluid level.

\*\*\* Please make sure that the bubble wands are completely covered with bubble fluid.

\*\*\* Do not overfill the bubble fluid – stop 5cm below the top edge to avoid overflow and internal damage.

\*\*\* Only use Antari Bubble Fluid – the machine cannot run on water only or other uncertified fluid.

## Control Settings

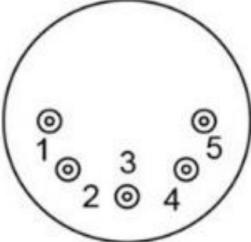

B-200 High Output Bubble Machine can be operated in the following modes. The machine can only accept 1 type of signal at a time. When using different control modes at the same time, the machine will work according to built in control priority:

- Manual
- Timer
- DMX512
- Wireless

**DMX Connection**

**DMX Connector Pin Assignment**

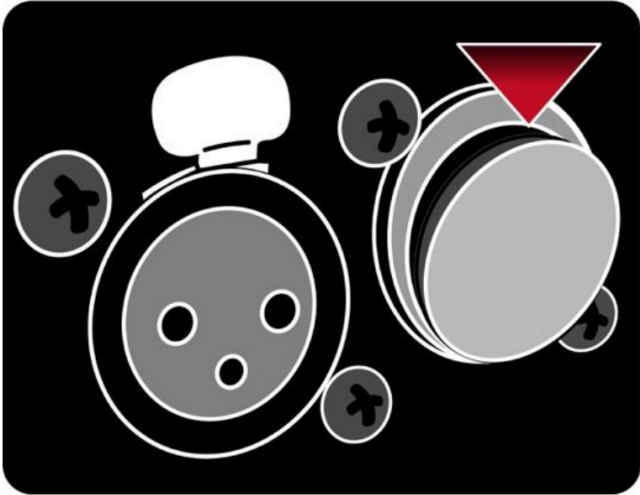
The machine has a XLR 5-Pin for DMX connection. The diagram below indicates pin assignment information.



**5 Pin XLR**

Pin	Function
1	Ground
2	Data-
3	Data+
4	N/A
5	N/A

\*\* There is a protection cap on DMX IN, please remove it with your finger before operation.



**DMX Setting**



DMX Value	Function
0~128	Off
129~255	On

### Addressing

Each device occupies 1 channel. To ensure that the control signals are properly directed to each device, they require addressing. This is to be adjusted for every single device by changing the DIP-switches as set out in the table below. The starting address is defined as the first channel from which the device will respond to the controller.

Please make sure that you do not have any overlapping channels in order to control each device correctly and independently from any other fixture on the DMX data link. If two, three or more devices are addressed similarly, they will work similarly.

### Occupation of the DIP-Switches:

Device Number & Channels	Starting Address	1	2	4	8	16	32	64	128	256
Device 1 – Channel 1	On	▲								
	Off		▽	▽	▽	▽	▽	▽	▽	▽
Device 2 – Channel 2	On		▲							
	Off	▽		▽	▽	▽	▽	▽	▽	▽
Device 3 – Channel 3	On	▲	▲							
	Off			▽	▽	▽	▽	▽	▽	▽
Device 4 – Channel 4	On			▲						
	Off	▽	▽		▽	▽	▽	▽	▽	▽
Device 5 – Channel 5	On	▲		▲						
	Off		▽		▽	▽	▽	▽	▽	▽

### BCT-1 Timer Cable Remote (Optional)

BCT-1 Timer Cable Remote is an optional accessory for B-200 High Output Bubble Machine, please see instruction below;



Button/Knob	Function
DURATION [KNOB]	Adjust Duration
INTERVAL [KNOB]	Adjust Interval
POWER [RED BUTTON]	Power On / Off
BUBBLE [GREEN BUTTON]	Start Bubbling
TIMER [YELLOW BUTTON]	Active Timer Mode

**Note:**

- \*\* You must turn on the power of the remote in order to use it.
- \*\* If the TIMER function is off, you can still press the Green button to start bubbling.
- \*\* The “DURATION” and “INTERVAL” knob are using analog signal, therefore can’t define a specific time range.
- \*\* If you encounter any problem, please contact your local Antari dealer for assistant.


**BCR-1 Wireless Remote (Optional)**



BCR-1 Wireless Remote is an optional accessory for B-200 High Output Bubble Machine, it included a wireless remote control and a receiver. It's ready to use, no pairing necessary, please see instruction below;

1. Plug the receiver to the connector on the back of the machine;
2. Press BLUE button to start bubbling and press RED button to stop bubbling.
  - Signal range is approximately 50m in open area, it may vary depending on actual situation on site.
  - If you encounter any problem, please contact your local Antari dealer for assistant.

## Service and Maintenance

 <b>DANGER</b>	Disconnect the power cord before starting maintenance operation!
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- Always keep the machine clean.
- 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.
- Before store the machine or after use the machine, please make sure the fluid is empty and dry.
- 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.

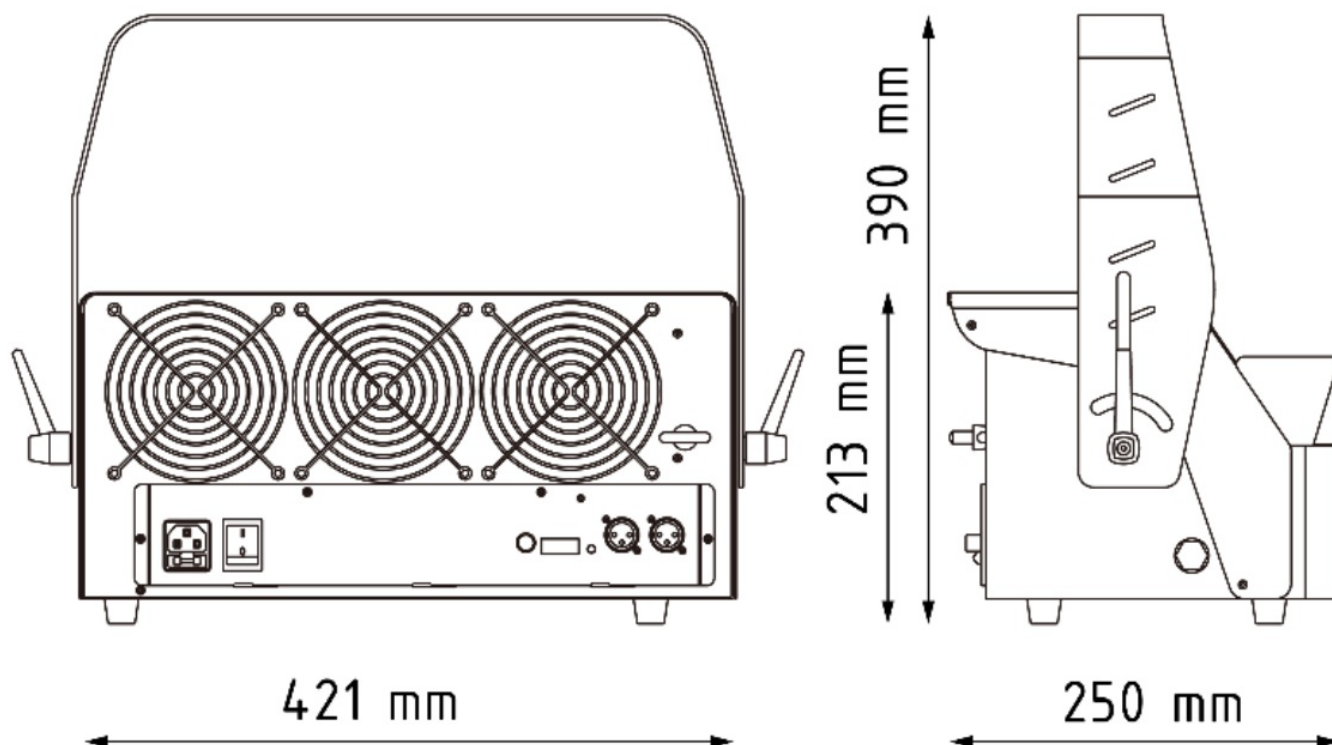
## Technical Specifications

<b>B-200</b>	
<b>Input Voltage</b>	<b>US Model</b> : AC 100-120V, 50/60Hz 1.0A <b>EU Model</b> : AC 220-240V, 50/60Hz 0.5A
<b>Rated Power</b>	120W
<b>Fluid Consumption</b>	50 ml/min (100% output)
<b>Operating Time</b>	40 mins (100% output)
<b>Fluid Box Capacity</b>	2.0 Liters (0.53 gallon)
<b>Compatible Fluid</b>	Antari BL Bubble Fluid
<b>Ambient Temp. Range</b>	5°C – 40°C (41°F – 104°F)
<b>Control Methods</b>	Manual DMX512 Timer (Optional) Wireless Remote (Optional)
<b>Interface</b>	XLR 5-Pin (DMX) IEC (Power)
<b>DMX Channel</b>	1 Channel
<b>Included Accessories</b>	Hanging Bracket
<b>Optional Accessories</b>	BCT-1 Timer Cable Remote BCR-1 Wireless Remote
<b>Dimension</b>	L 421 W 250 H 213 mm (L 16.57 W 9.84 H 8.39 inch)
<b>Weight</b>	11.0 kg (24.25 lbs.)

## 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.

## Machine Dimension



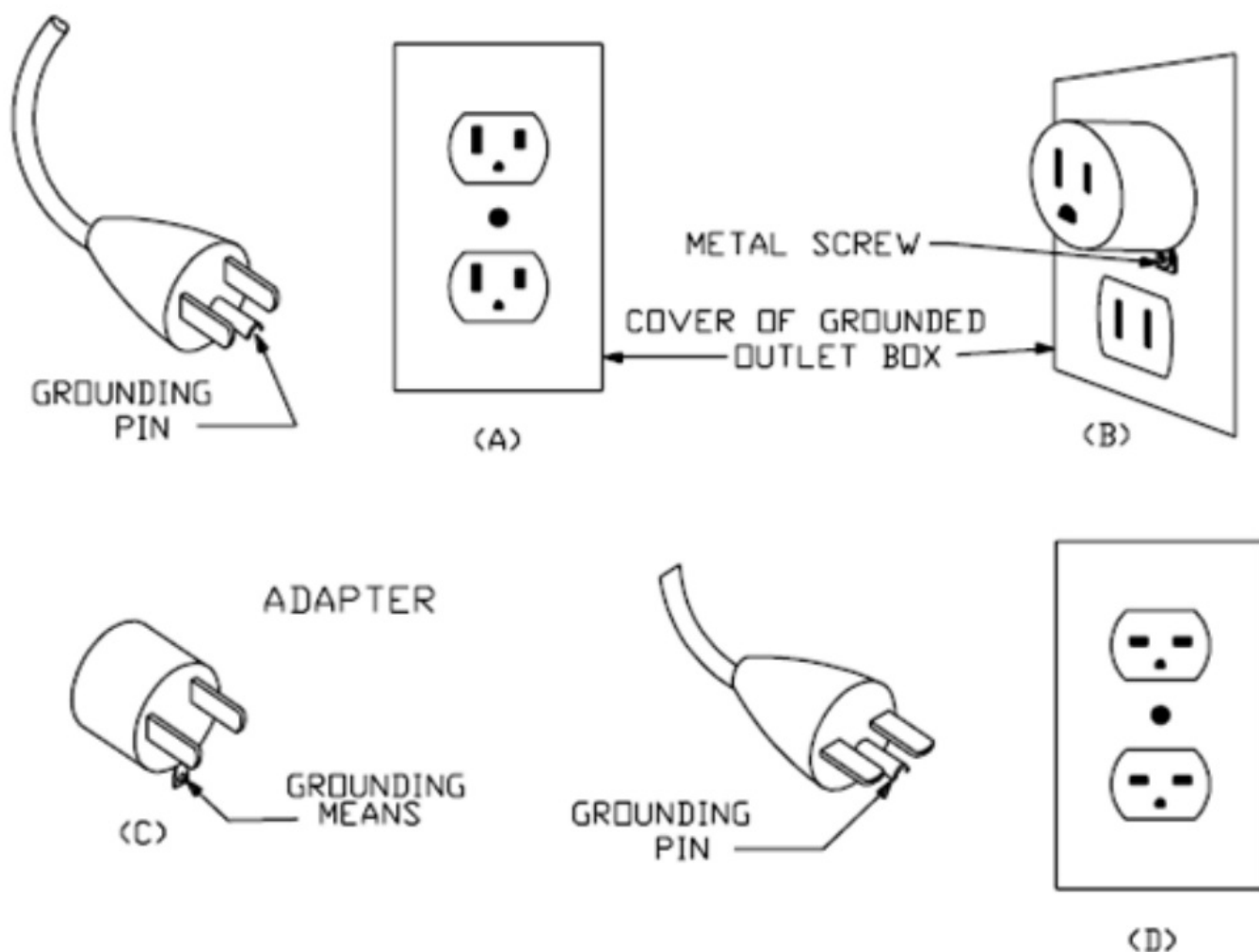
## Appendix I – Grounding Instruction

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.



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B-200, B-200 High Output Bubble Machine, High Output Bubble Machine, Output Bubble Machine, Bubble Machine, Machine

## References

- [User Manual](#)