

[Manuals.plus](#) /

› [SAGUD](#) /

› SAGUD SD AC-18B-SETC Airbrush Kit with Compressor User Manual

## SAGUD SD AC-18B-SETC

# SAGUD SD AC-18B-SETC Airbrush Kit with Compressor User Manual

Model: SD AC-18B-SETC | Brand: SAGUD

## 1. INTRODUCTION

This manual provides detailed instructions for the safe and effective use of your SAGUD SD AC-18B-SETC Airbrush Kit. This professional kit includes a mini air compressor and three distinct airbrushes, suitable for various applications such as model painting, nail art, cake decorating, body art, and other hobbies. Please read this manual thoroughly before operation to ensure optimal performance and longevity of your equipment.

## 2. PACKAGE CONTENTS

Your SAGUD Airbrush Kit includes the following components:

- Mini Air Compressor (1/5 HP)
- SD 130 Dual-Action Airbrush (0.3mm nozzle, 1/3 oz gravity feed cup)
- SD 135 Double-Action Airbrush (0.2mm nozzle, 1/16 oz gravity feed cup)
- SD 138 Single-Action Airbrush (0.8mm nozzle, 3/4 oz siphon bottles)
- Airbrush Holder
- 6-foot Braided Air Hose (1/8 fittings)
- Quick Release Coupler with Control Valve
- 5-piece Cleaning Brush Set
- 1 Double-Ended Cleaning Brush
- 25 Droppers
- 4 Black Latex Gloves




Figure 2.1: All components of the SAGUD Airbrush Kit.

### 3. COMPRESSOR OVERVIEW

The mini oil-free air compressor is designed for portability, low noise operation, and consistent performance. It features an auto-stop function at 58 PSI (4 Bar) and auto-start at 40 PSI (2.8 Bar). The recommended working pressure ranges from 18 PSI to 30 PSI, making it suitable for airbrush guns with nozzle sizes between 0.2 mm and 1.0 mm.

**1**



**Voltage:** 110-120V/60HZ    **Speed:** 1750 speed / min  
**Air Flow:** 20-23L/min        Auto Start at 3 BAR(42PSI)  
**Connector:** 1/8 bsp         Auto Stop at 4 BAR(58PSI)

**SUIT FOR 0.2MM-1.00MM AIRBRUSH**



USA



1/8"



CE	
1/5	220-240
50	1450
23	
HP	V
3.6KG	24.5X13.5X17CM
N.W	Power



CE	
1/5	110-120
60	1750
25	
HP	V
3.6KG	24.5X13.5X17CM
N.W	Power

**Note: Please confirm the right voltage and plug for your country before buy.**

Figure 3.1: Air Compressor with Pressure Details.

**Note:** The air compressor (motor) will shut off when the air pressure reaches 58 PSI (4 Bar) and restart when the pressure drops below 40 PSI (2.8 Bar). If the compressor does not start, release some air pressure to initiate operation.



Figure 3.2: Compressor Voltage and Plug Information.

**Important:** The voltage of this compressor is 110V/60Hz. Please confirm that this voltage and plug type are compatible with your country's electrical standards before use. This compressor is not designed for use in 220-240V/50Hz regions.

#### 4. AIRBRUSH SPECIFICATIONS

The kit includes three professional airbrushes, each designed for specific applications:

- **SD 130 Dual-Action Airbrush:** Features a 0.3mm nozzle and a 1/3 oz gravity feed fluid cup. Ideal for general purpose spraying and fine detail work.
- **SD 135 Double-Action Airbrush:** Equipped with a 0.2mm nozzle and a 1/16 oz gravity feed fluid cup. Best suited for very fine lines and intricate details.
- **SD 138 Single-Action Airbrush:** Comes with a 0.8mm nozzle and 3/4 oz siphon bottles. Excellent for broader coverage and larger projects.



Figure 4.1: Airbrush Models and Specifications.

## 5. SETUP INSTRUCTIONS

Follow these steps to set up your airbrush kit:

1. Place the air compressor on a stable, level surface.
2. Connect one end of the braided air hose to the air outlet on the compressor. Ensure a secure connection.
3. Attach the quick release coupler to the other end of the air hose.
4. Connect your chosen airbrush to the quick release coupler.
5. If using the airbrush holder, attach it to the compressor as shown in the video below.
6. Plug the compressor into a compatible power outlet (110V/60Hz).

Video 5.1: Instructions on how to connect the air hose to the airbrush kit and air compressor.

Video 5.2: Guide on how to attach the airbrush holder to the mini airbrush compressor.

## 6. OPERATING INSTRUCTIONS

## 6.1 Adjusting Air Pressure

The compressor's air pressure can be adjusted using the regulator knob. Lift the knob to unlock it, then turn it clockwise to increase pressure or counter-clockwise to decrease pressure. Push the knob down to lock the setting.

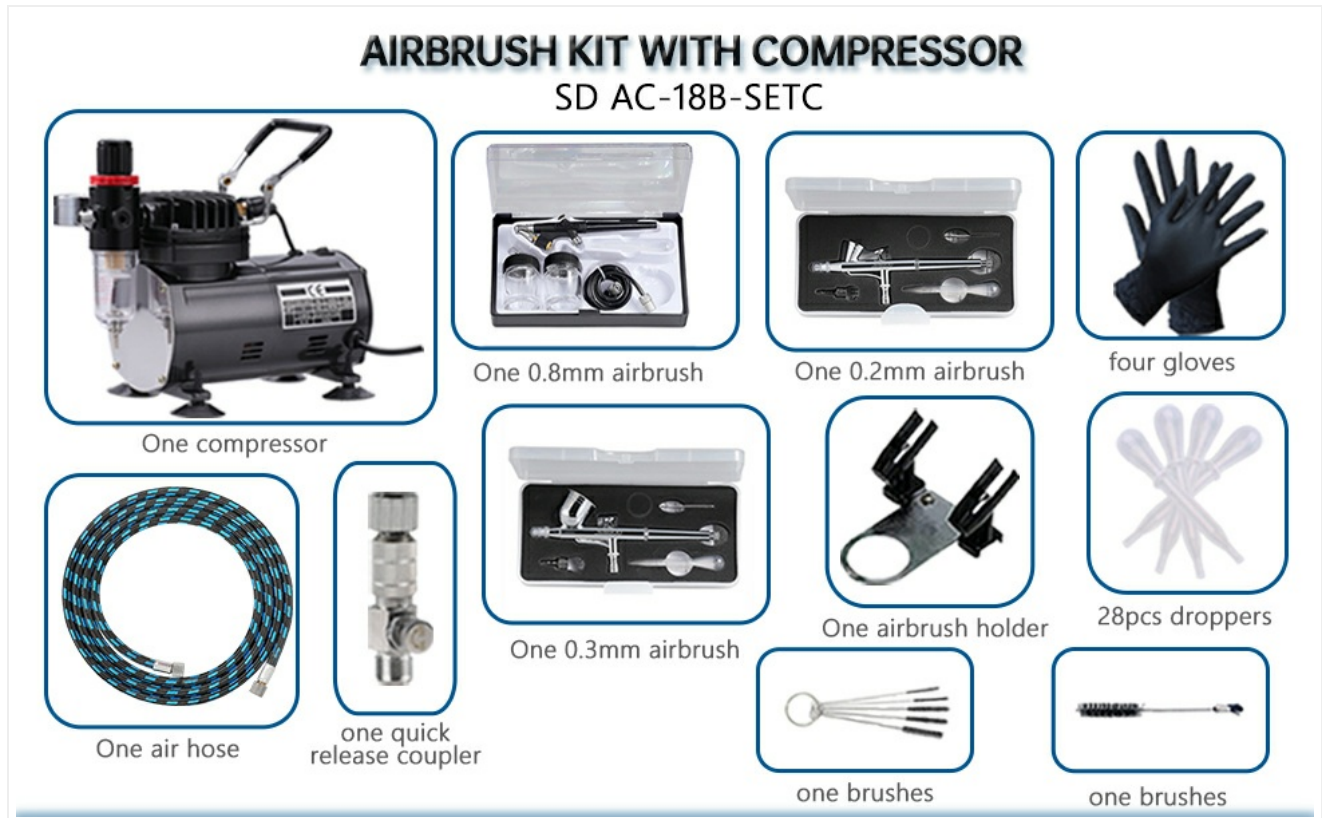


Figure 6.1: Adjusting Air Pressure.

## 6.2 Filling and Spraying

Prepare your paint by diluting it to the appropriate consistency for airbrushing. Use the provided droppers to fill the airbrush fluid cup or siphon bottle. Ensure the paint is not too thick, as this can cause clogging. If the paint does not spray out, dilute it further.



Airbrush Food Paint    Airbrush Nail Paint    Airbrush Tattoo Paint    Airbrush Acrylic Paint    Common Acrylic Paint

**Note:** If the paint is NO or can not spray out, please dilute the paint enough.

Figure 6.2: Compatible Paint Types and Dilution Note.

### 6.3 Changing Airbrush Nozzles

To change the airbrush nozzle, carefully unscrew the existing nozzle and replace it with the desired size. Refer to the video below for a visual guide.

Video 6.3: Instructions on how to change an airbrush nozzle.

## 7. APPLICATIONS

The SAGUD Airbrush Kit is versatile and can be used for a wide range of creative projects. Here are some examples:

- Model Painting
- Automotive Graphics
- Nail Art
- Crafts
- Temporary Tattoos
- Cake Decorating
- Body Art



Figure 7.1: Examples of Airbrush Applications.

Video 7.2: Demonstration of airbrushing for nail art.

Video 7.3: Demonstration of airbrushing for body art on a face.

## 8. MAINTENANCE

Proper cleaning and maintenance are crucial for the longevity and performance of your airbrush kit. Always clean your airbrushes thoroughly after each use to prevent paint from drying and clogging the nozzles.

- Use the provided cleaning brushes and double-ended brush to clean the fluid cups, nozzles, and internal components of the airbrushes.
- Flush the airbrush with appropriate cleaning solution or water until all paint residue is removed.
- Disassemble the airbrush components as needed for deep cleaning, paying close attention to the nozzle and needle.
- Ensure all parts are dry before reassembling and storing the airbrushes.

## 9. SPECIFICATIONS

Feature	Specification
Brand	SAGUD
Model Number	SD AC-18B-SETC
Voltage	110 Volts
Power Source	Corded Electric
Noise Level	30 Decibels

<b>Feature</b>	<b>Specification</b>
Maximum Power	150 Watts
Air Flow Capacity	21 Liters Per Minute
Hose Length	6 Feet
Maximum Pressure	58 Pound per Square Inch (PSI)
Maximum Horsepower	0.2 Horsepower
Color	Black
Style	Portable
Item Weight	16 Ounces
Item Dimensions (L x W x H)	15"L x 7"W x 13"H

## **10. SUPPORT**

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Each SAGUD product undergoes a thorough inspection to ensure it arrives in good working condition. Should you encounter any issues or have questions regarding your airbrush kit, please contact our customer support for a prompt resolution.