



PROFESSIONAL ELECTRIC SPRAY GUN



ITEM NO. 5684

INSTRUCTION MANUAL

SPECIFICATION

Model	5684
Max power	400W
Voltage	220-240V
Frequency	50Hz
Technology	HVLP
Flow Rate	800ml/min
Max. Viscosity	70DIN-s
Cup Capacity	900ml
Nozzle size	Φ2.0mm (copper) / Φ1.0mm (copper)
Motor Type	AC brushed motor
Cable Length	2m
Net weight	1.5Kg
Gross weight	1.99 Kg
Accessories	Viscosity measuring cup Cleaning brush Nozzle cleaning needle

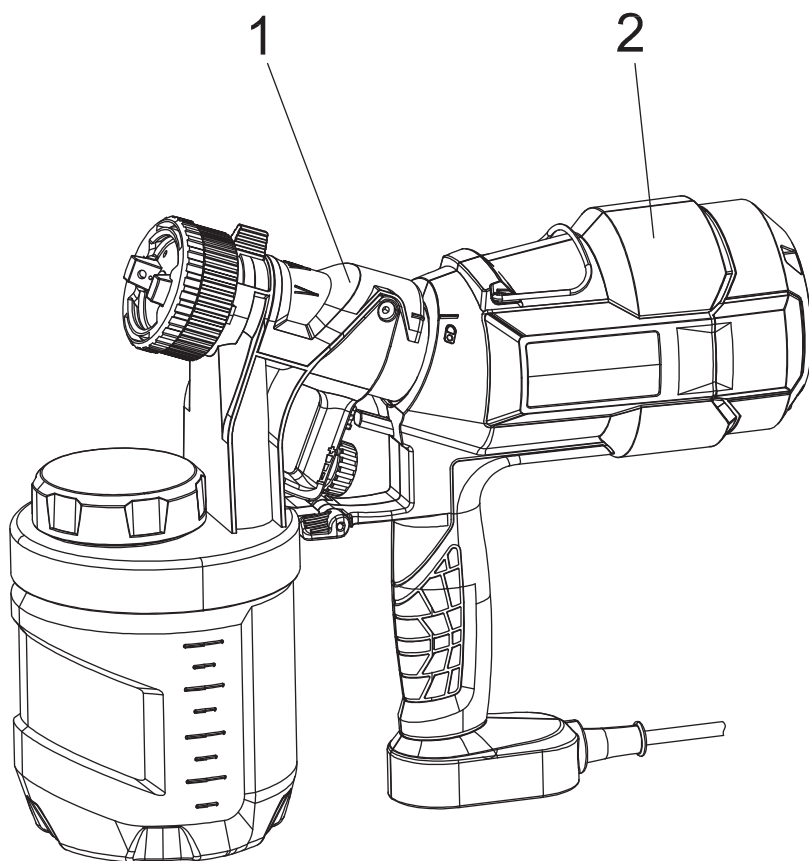
FEATURES**FIG. A**

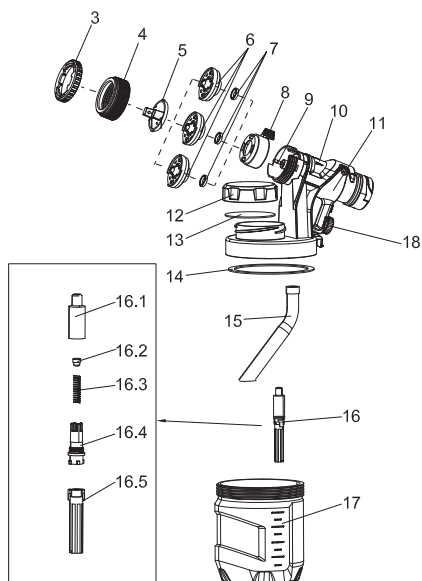
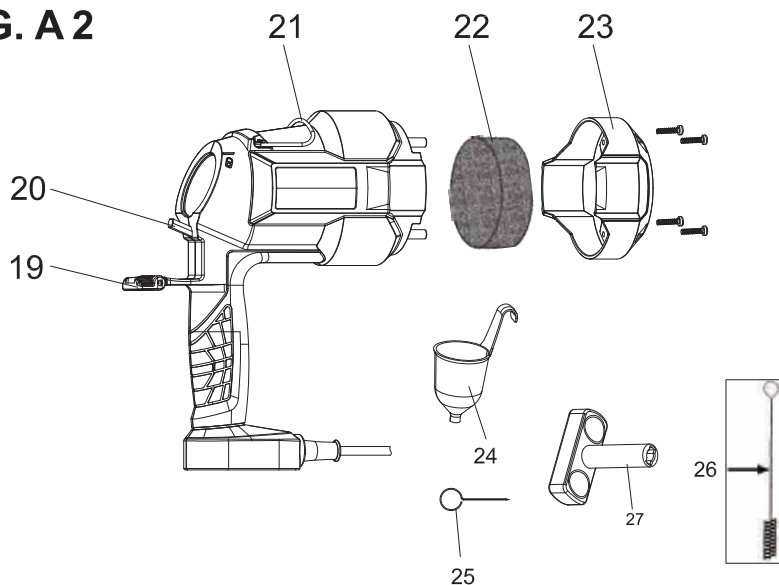
FIG. A1

FIG. A2


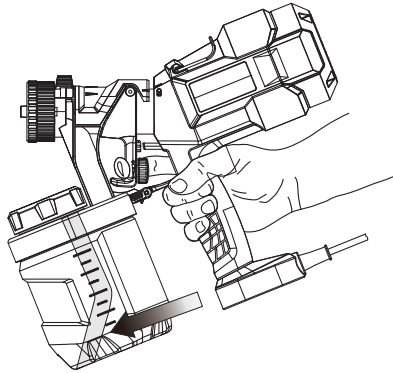
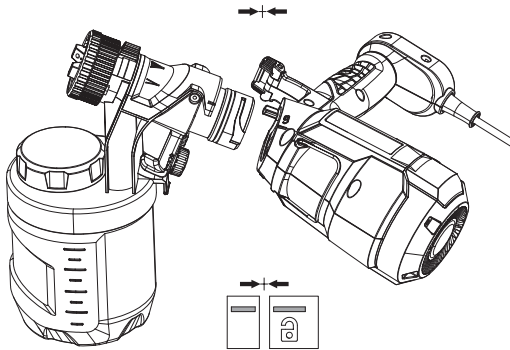
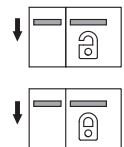
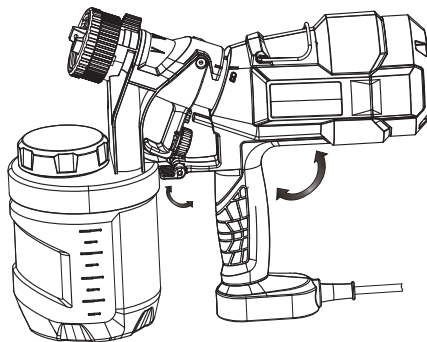
FIG. B**FIG. C****FIG. D**

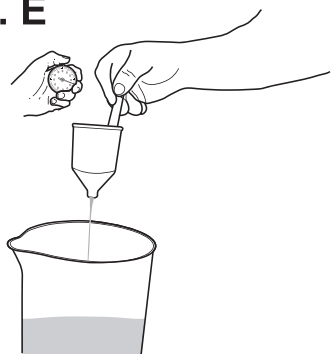
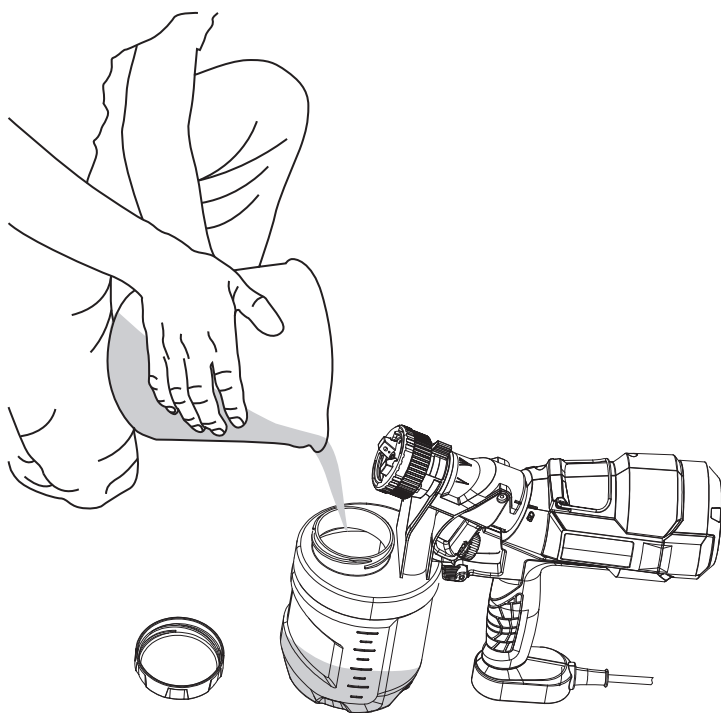
FIG. E**FIG. E1****FIG. F**

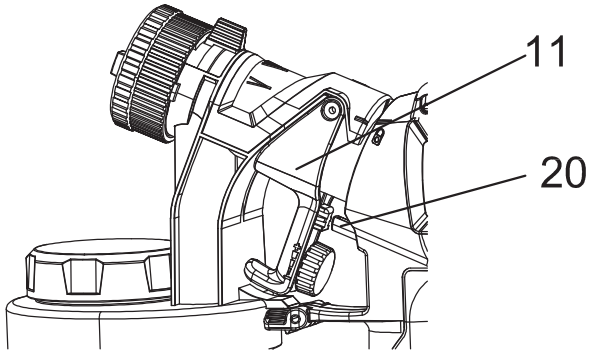
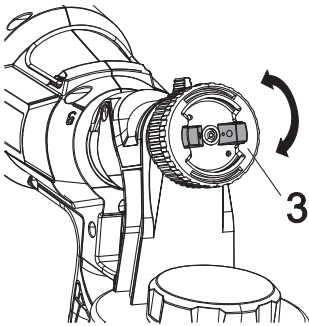
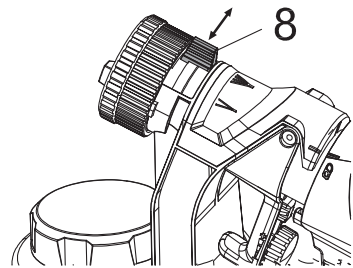
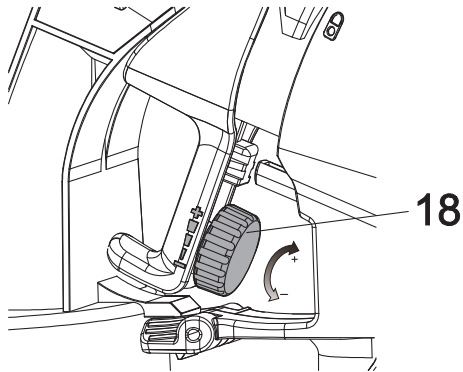
FIG. G**FIG. H****FIG. H1****FIG. I**

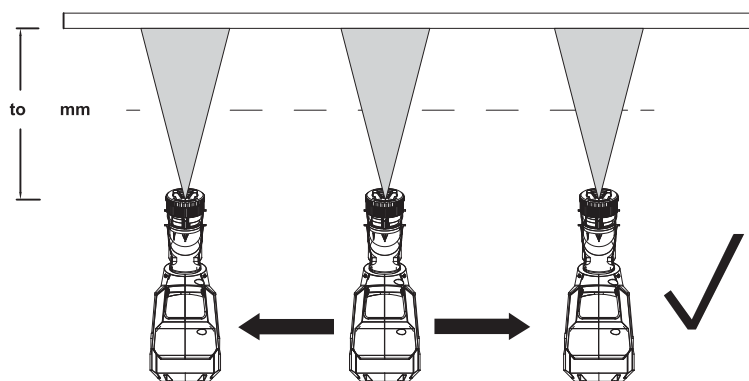
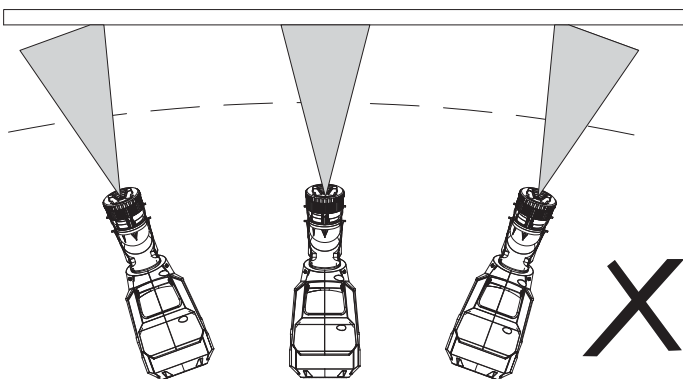
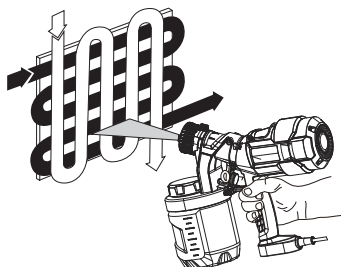
FIG. J**FIG. K****FIG. L**

FIG. M

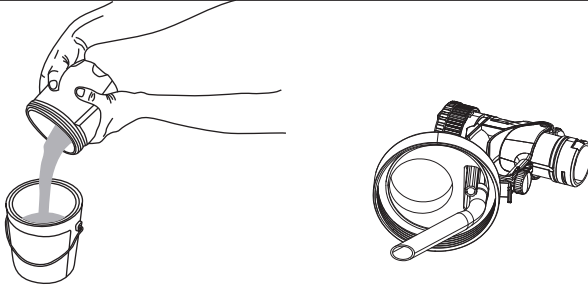


FIG. N

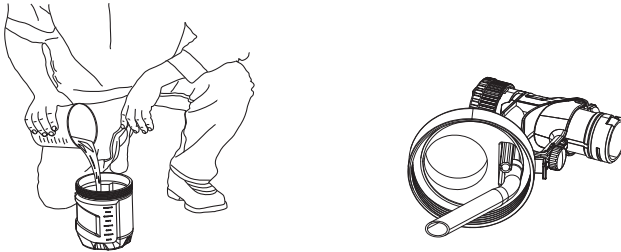


FIG. O

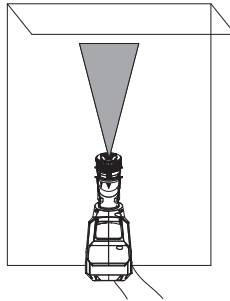


FIG. P

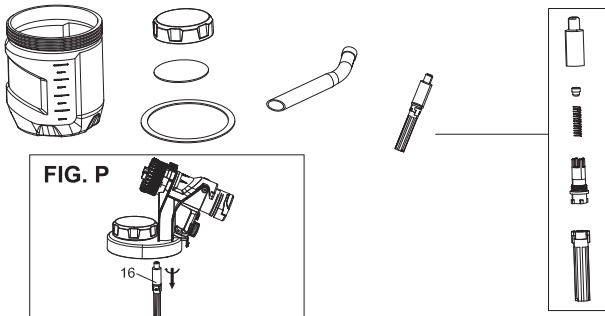


FIG. Q

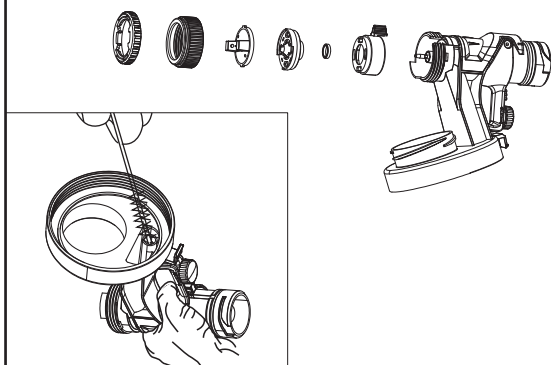


FIG. Q1

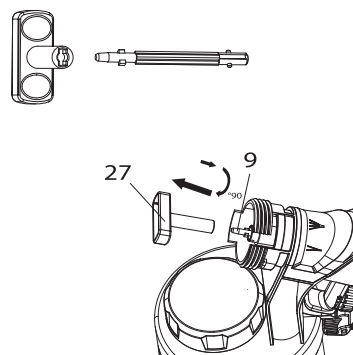


FIG. R

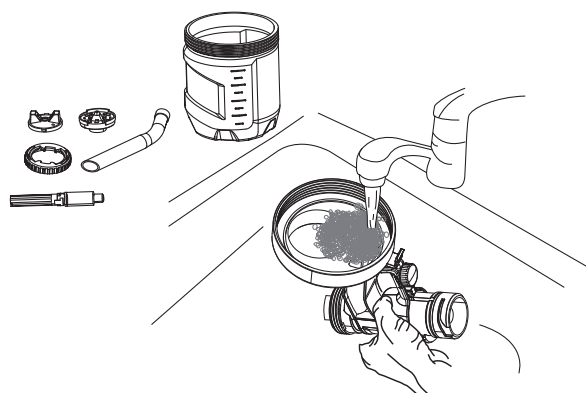


FIG. S

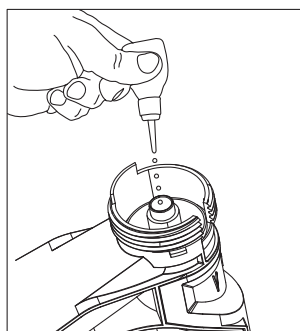


FIG. T

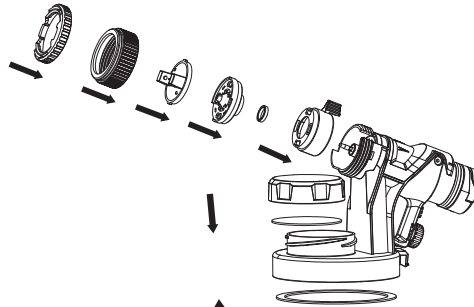


FIG. T 1

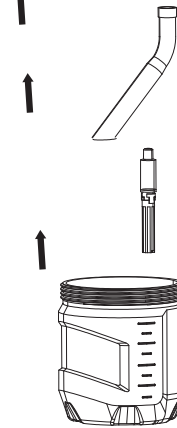
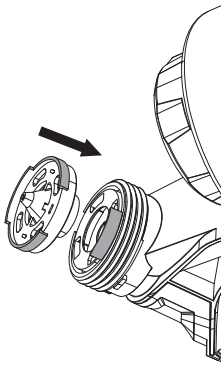
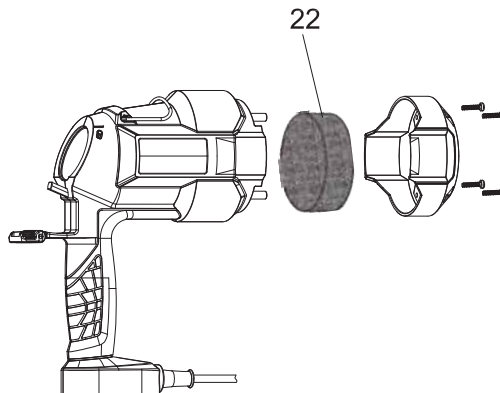


FIG. U 1



SAFETY GUIDELINES - DEFINITIONS

It is important for you to read and understand this manual. The information it contains relates to protecting **YOUR SAFETY** and **PREVENTING PROBLEMS**. The symbols below are used to help you recognize this information.

 **Danger!** Indicates an imminently hazardous situation which, if not avoided, will result in death or serious injury.

 **Warning!** Indicates a potentially hazardous situation which, if not avoided, could result in death or serious injury.

 **Caution!** Indicates a potentially hazardous situation which, if not avoided, may result in minor or moderate injury.

 **Notice!** Used without the safety alert symbol indicates a potentially hazardous situation which, if not avoided, may result in property damage.

The following are explanations of important safety hazard pictorials in this manual.



Explosion hazard.



Respiratory hazard.



Electric shock hazard.



Read and understand the instruction manual.



Fire hazard.

IMPORTANT SAFETY INSTRUCTIONS

SAVE THESE INSTRUCTIONS: To reduce the risks of fire or explosion, electrical shock and the injury to persons, read and understand all instructions included in this manual. Be familiar with the controls and the proper usage of the equipment.

► This product is intended for household use only.



Warning! Fire or explosion hazard. Solvent and spray material fumes can explode or ignite. Severe injury or property damage can occur.

To avoid these risks, take the following precautions:

- Exhaust and fresh air introduction must be provided to keep the air within the spray area free from accumulation of flammable vapors.
- Avoid all ignition sources such as static electricity sparks, open flames, pilot lights, hot objects, lit tobacco products, and sparks from connecting and disconnecting power cords or working light switches.
- Fire extinguisher equipment shall be present and working.
- Keep area clean and free of paint or solvent containers, rags, and other flammable materials.
- Follow the material and solvent manufacturer's safety precautions and warnings.
- Do not spray flammable or combustible materials near an open flame or sources of ignition such as lit tobacco products, motors, and electrical equipment.

► Know the contents of the spray materials and their cleaning solvents. Read all Material Safety Data Sheets (MSDS) and container labels provided with the spray materials and solvents. Follow the spray material and solvent manufacturer's safety instructions.

► Do not use materials with a flashpoint higher than 60°C (140°F). Flashpoint is the temperature that a fluid can produce enough vapors to ignite (see coating supplies).



Warning! Explosion hazard due to incompatible materials. Severe injury or property damage can occur.

To avoid these risks, take the following precautions:

► Do not use bleach.

► Do not use halogenated hydrocarbon solvents such as methylene chloride and 1,1,1-trichloroethane. They are not compatible with aluminum and may cause an explosion. If you are unsure of a material's compatibility with aluminum, contact your coating supplier.



Warning! Hazardous vapors. Spray materials, solvents, and other materials can be harmful if inhaled or come in contact with the body. Vapors can cause severe nausea, fainting, or poisoning.

To avoid these risks, take the following precautions:

► use a respirator or mask if vapors can be inhaled.

Read all instructions supplied with the mask to be sure it will provide the necessary protection.

► Wear protective eyewear.

► Wear protective clothing as required by coating manufacturer.



Warning! Electric shock hazard. May cause severe injury.

To avoid these risks, take the following precautions

► Keep electrical cord plug and sprayer trigger free from spray material and other liquids. Never hold cord at plug connections to support cord. Failure to observe may result in an electrical shock.

► Never immerse electrical parts in water or any other liquid. Wipe the exterior of the sprayer with a damp cloth for cleaning. Always make sure the sprayer is unplugged before taking it apart for cleaning.

► Do not expose unit to rain or wet conditions.

► Do not abuse the cord. Never use the cord to carry the unit or pull the plug from an outlet. Keep cord away from heat, oil, sharp edges or moving parts. Replace damaged cords immediately.

GENERAL SAFETY WARNINGS



Warning! General. To Reduce the risk of severe injury or property damage.

To avoid these risks, take the following precautions:

► Do not aim the gun at, or spray any person, including self, or animal.

► Do not spray outdoors on windy days

► Wear protective clothing to keep spray material off skin and hair.

► Hose may become hot and cause skin burn.

► Follow all appropriate local, state, and national codes governing ventilation, fire prevention, and operation.

► Always use appropriate gloves, eye protection and a respirator or mask when spraying, thinning, mixing, pouring, or cleaning.

► Do not operate or spray near children. Keep children away from equipment at all times. Keep sprayer out of the reach of children.

► Do not overreach or stand on an unstable support. Keep effective footing and balance at all times.

► Stay alert and watch what you are doing.

- ▶ Do not operate the unit when fatigued or under the influence of drugs or alcohol.
- ▶ Read all instructions and safety precautions for equipment and spray material before operating any equipment.
- ▶ Hearing protection is recommended for extended use.

ELECTRICAL SAFETY

 This tool is double insulated; therefore no earth wire is required. Always check that the power supply corresponds to the voltage on the rating plate.

▶ If the supply cord is damaged, it must be replaced by the manufacturer or an authorised Service Centre in order to avoid a hazard.

▶ When using the tool outdoors, only use extension cables intended for outdoor use. A suitable rated extension cable of up to 30 meters can be used without loss of power.

▶ Electric safety can be further improved by using a high sensitivity.

EXTENSION CORD

Use only a 3-blade grounding plug and a 3-slot receptacle that will accept the plug on the product. Make sure your extension cord is in good condition. When using an extension cord, be sure to use one heavy enough to carry the current your product will draw. An undersized cord will cause a drop in line voltage resulting in loss of power and overheating. If an extension cord is to be used outdoors, it must be marked with the suffix W-A after the cord type designation. For example, a designation of SJTW-A would indicate that the cord would be appropriate for outdoor use. For proper size cords see chart.

Guide for extension cord usage:

Type of cable	Up to 5 metres	from 5 to 10 metres
Parallel	2 x 1.0 mm ²	2 x 1.5 mm ²

 **Warning!** Some spray materials contain chemicals known to the State of California to cause cancer, birth defects or other reproductive harm. To reduce your exposure wear appropriate safety equipment such as face masks, gloves, and other appropriate protective equipment. Please review and follow the safety precautions on the paint container.

FEATURES (Fig. A, Fig. A1, Fig. A2)

1. Spray gun unit
2. Power unit
3. Smart nozzle selector
4. Tip collar
5. Air cap
6. Nozzle (Φ2.0mm/Φ2.5mm/Φ3.0mm)
7. Y-type seal ring
8. Spray width lever
9. Spray tip
10. Spray unit housing
11. Trigger
12. Quick refill lid
13. Sealing liner
14. O-ring
15. Pickup tube
16. Check valve assembly
 - 16.1. Check valve sleeve 1
 - 16.2. Check valve
 - 16.3. Spring
 - 16.4. Check valve sleeve 2
 - 16.5. Valve extension
17. Canister
18. Flow control knob
19. Quick release lock
20. Switch trigger lever
21. Hanging hook
22. Filter
23. Filter cover
24. Viscosity cup
25. Cleaning needle
26. Cleaning brush
27. Spray tip key

SET - UP

 **Warning!** Be sure to use appropriate protective gear and unplug unit.

 **Warning!** Make sure area is well ventilated and free of flammable vapors.

Aligning the pickup tube (Fig. B)

The pickup tube (#15) needs to be aligned in the direction toward the front of the canister (Fig. B). This will ensure you spray as much material as possible before you need to refill.

Make sure the pickup tube is assembled tight in place.

Attaching spray unit to spray gun handle (Fig. C)

Align the marking line on the spray unit with the icon of unlock, then rotate the spray gun handle clockwise until stop. Rotate the quick release lock (#19) and snap onto the hook on the edge of canister lid.

Liquid material preparation (Fig. E and E1)

Tip: Make sure the type of material you use can be cleaned with either mineral spirits or paint thinner (for oil-based paints) or a warm water and soap solution (for water soluble paints like latex). Use drop cloths during pouring, mixing, and viscosity testing of materials to be sprayed to protect your floors and anything else in the spraying area that you wish to remain untouched



The liquid being sprayed may need to be thinned (diluted) before starting. When thinning, use the proper liquid thinner recommended on the container by the material manufacturer..

 **Warning!:** Do not use materials with a flashpoint higher than 60°C (140°F) . A viscosity test cup is provided to determine the “runout time” of the material being used.

- ▶ Before measuring for the proper viscosity, stir the material thoroughly.
- ▶ Dip the viscosity cup into the material being sprayed and fill the cup completely.
- ▶ With the cup held over the material container, measure the amount of time it takes for the stream of material flowing out to “break” or stop being a constant stream out of the bottom of the cup (70 seconds or less) (Fig. E). This is the “runout time”. Refer to the thinning table for information on the thinning required for different materials.
- ▶ If material needs thinning, add the appropriate liquid, thinning material recommended by the manufacturer (Fig. E1).
- ▶ It is possible to spray latex paint with this unit, however, the required thinning may exceed material manufacturer's recommendation. Thin latex paint so that it runs through viscosity cup within 70 seconds . The operator should consider the type of application and final location of the project when spraying a material that requires more than 70 seconds to run through the viscosity cup.
- ▶ Unscrew the quick refill lid (#17).

OPERATION

THINNING TABLE

SPRAY MATERIAL	RUNOUT TIME
Clear and semi-transparent stains and sealers Oil based primers, varnishes and polyurethane	No thinning required (Less than 70 seconds runout)
Solid color water based stains Water based or latex paints	May require thinning (More than 70 seconds runout)
Note: Not recommended for textured paint	

PREPARATION TIPS

- Always stir and strain the material thoroughly before use.
- With any spraying job you should always ensure that you have properly prepared the surface to get the best finish. That is, all surfaces are free from dust, dirt, rust and grease. Lightly pressure wash decks or exterior surfaces and ensure that they are dry before spraying.
- Even though HVLP sprayers have very little overspray, it is recommended that you mask all edges and other areas and use drop cloths to protect your floors and anything else in the spraying area that you wish to remain untouched.
- Skin that forms on the top of paint can clog the sprayer. Remove skin before mixing. Strain with a funnel with a filter attached or through hosiery to remove any impurities that could clog system.
- Before starting have gloves, paper towels, rags etc. available for unexpected spills.

FILLING THE CANISTER (Fig. F)

- Check to make sure that the canister is completely screwed onto the sprayer.
- Unscrew the quick refill lid (#12)
- Stand the sprayer firmly on an smooth and horizontal surface
- Pour the properly thinned and strained material to be sprayed into the canister (**Fig. F**).
- Clean any residual liquid from the threads or sides of the canister and sprayer.
- Starting the threads evenly, screw the lid completely onto the top fill canister. Check the lid to make sure it is threaded on squarely and completely before picking up the sprayer.

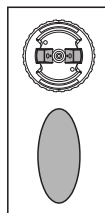
ON / OFF SWITCH (Fig. G)

Squeeze to press the trigger (#11), trigger will actuate the switch inside the tool by the switch trigger lever (#20) to turn on the tool. Release the trigger to turn off the tool.

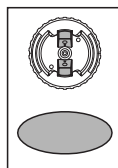
SMART SELECT NOZZLE SELECTION (Fig. H, Fig. H1)

There are three spray patterns to choose from:

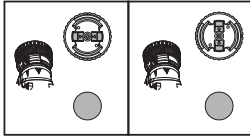
- **Vertical Flat Jet**
- **Horizontal Flat Jet**
- **Circular Jet**



To select **Vertical Flat Jet**, turn the air cap (#5) to horizontal direction by turning the smart nozzle selector (#3) clockwise until stop.



To select **Horizontal Flat Jet**, turn the air cap (#5) to vertical direction by turning the smart nozzle selector (#3) anti-clockwise until stop.



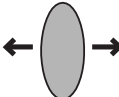
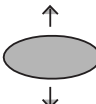
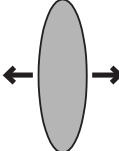
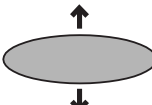
To select Circular Jet, turn the Spray Width Lever (#8) to the icon of Minimum.

Note: Spray nozzle can only be assembled in one direction that the notch of the nozzle(#6) must align with the skirt on spray unit housing(#10). Refer to **Fig. T1** for proper assembly.

⚠ Warning! Risk of injury. Never point the sprayer at any part of the body. Never pull the trigger while adjusting the spray setting.

ADJUSTING WIDTH OF SPRAY PATTERN (FIG.H1)

By turning the Spray Width Lever (#8) between the Minimum marking and Maximum marking, the width of the spray patterns can be adjusted accordingly.

Application	Spray Width Lever #8	Air Cap #5	Spray Jet Pattern
Initial coatings, corners, edges, and hard to reach locations		 	 Small circular jet
Small-medium size surface			 Vertical narrow jet for horizontal coating direction
			 Horizontal narrow jet for vertical coating direction
Large size surface top coating			 Vertical wide jet for horizontal coating direction
			 Horizontal wide jet for vertical coating direction

FLOW CONTROL KNOB (Fig. I)

The flow control knob(#18) regulates the amount of liquid that can be sprayed. Turning the flow knob clockwise increases the flow of liquid. Turning the knob counter anti-clockwise decreases the flow of liquid.

Tip: Always test the spray pattern on scrap cardboard or similar material first. Begin with flow control knob on the highest flow setting. If less flow is desired, dial the flow control knob anti-clockwise to decrease the flow of liquid. Heavier, thicker materials should be sprayed with the flow control knob on high flow setting. Thinner materials should be sprayed with the flow control knob on low flow setting

DEVELOPING THE PROPER SPRAYING TECHNIQUE

- ▶ Practice spraying on a piece of scrap material such as cardboard to test your spray pattern and become familiar with the flow control feature of the sprayer.
- ▶ Ensure surface to be sprayed is free of dust, dirt, and grease.
- ▶ Ensure spray area is clean and free of dust that could be blown onto newly sprayed surfaces.
- ▶ Cover any areas not intended to be sprayed.
- ▶ Always spray from a minimum of 50mm to a maximum of 300 mm (**Fig. J**).
- ▶ A commonly used method for spraying a large surface is the “crisscross” pattern. This is done by spraying in horizontal strips and then crossing over these strips with vertical strips (**Fig. L**).
- ▶ To get an even spray distribution, always keep your arm at the same distance (**Fig. J**) from the surface you are spraying and avoid moving your wrist (**Fig. K**).
- ▶ Maintain smooth and consistent speed which will help avoid inconsistencies. Begin spraying after the pass has begun and release trigger before stopping the pass.
- ▶ Avoid spraying too heavily in any one area. Several lighter coats are better than one heavy

coat which can lead to running and dripping. Remember that the flow control knob regulates the amount of liquid that can be sprayed. Turning the flow knob clockwise increases the flow of liquid. Turning the knob counterclockwise decreases the flow of liquid. If runs or drips do occur, have a dry paint brush on hand to smooth them out.

- ▶ Turn the power unit off and unplug the cord when not spraying for any length of time.

CLEANING

 **Warning!** Be sure to use appropriate protective gear.

- ▶ Do not use materials with a flashpoint higher than 60°C (140 °F) . Flashpoint is the temperature that a fluid can produce enough vapors to ignite (see coating supplier).
- ▶ Make sure clean up area is well ventilated and free of flammable vapors.
- ▶ Always spray outdoors when spraying cleaning solution through sprayer.
- ▶ Do not submerge power unit.
- ▶ Use drop cloths during pouring, mixing, and viscosity testing of materials to be sprayed to protect your floors and anything else in the spraying area that you wish to remain untouched.
- ▶ To begin cleaning:
 - ▶ Turn the power unit off, unplug the cord and disconnect air hose from sprayer.
 - ▶ Unscrew the canister from the sprayer and pour any remaining liquid back into the original container (**Fig. M**).
 - ▶ Pour a small amount of the appropriate cleaning solution into the canister (**Fig. N**).
- Warm soapy water for water based materials
- Manufacturers recommended cleaning solution for oil based materials
- ▶ Screw on the canister back to the sprayer securely and vigorously shake the sprayer.
- ▶ Unscrew the canister and properly dispose of

cleaning solution.

► Refill the canister with a small amount of new cleaning solution (**Fig. N**). Screw on the canister back the sprayer.

Reattach the spray gun unit to the power unit, plug in the cord and turn on the power unit.

► Spray the cleaning solution through the sprayer onto scrap material for 2 to 3 seconds (**Fig. O**).

► Turn the power unit off, and unplug the cord.

► Unscrew the canister from the sprayer.

► Remove the o-ring(#14), pickup tube(15#), check valve (16#), and quick refill lid(12#) from the sprayer. Clean the parts with the cleaning brush in the appropriate cleaning solution (**Fig. P**).

Note: When removing the check valve, twist the check valve clockwise and then pull it out.(**Fig P1**)

► Unscrew the tip collar(#4) and remove all the parts of the spray nozzle(#3,#4,#5,#6,#7,#8,) from the sprayer.

Remove the spray tip(#9) from the sprayer(**Fig. Q1**). Clean all parts with the cleaning brush in the appropriate cleaning solution (**Fig. Q, Fig.Q1**). Be sure to clean around check valve with brush (**Fig. Q insert**).

► If using water based material, clean the sprayer by running water through pickup tube inlet as shown in Fig. R. If using oil based materials, clean pickup tube inlet with the appropriate cleaning solution.

Repeat until sprayer is completely clean.

► Dry all parts thoroughly.

► Properly dispose of cleaning solution.

► Place a drop of household oil into the inside of the sprayer from the hole for assembling the spray tip (**Fig. S**).

► Reassemble sprayer (**Fig. T**).

Note: Spray nozzle can only be assembled in one direction that the notch of the nozzle(#6) must align with the skirt on spray unit housing(#10). Refer to **Fig. T1** for proper assembly.

Note: The spray tip must be assembled in the sprayer with the bumps on the spray tip in vertical direction

Note: Assemble the pickup tube(#15)and check valve (#16) by firmly pushing them onto the inlet on the sprayer.

► Put all the accessories back into space.

MAINTENANCE

Use only mild soap and damp cloth to clean the power unit. Never let any liquid get inside the power unit; never immerse any part of the power unit into a liquid.

 **Important!** To assure product **SAFETY** and **RELIABILITY**, repairs, maintenance and adjustment (other than those listed in this manual) should be performed by authorized service centers or other qualified service personnel, always using identical replacement parts.

The power unit contains A washable / reusable filter (#22). Check the filter before and after each use. If dirty, wash with warm water and allow to air dry before re-installing or replace if necessary. (**Fig. U1**)

► To check the filter,

Unscrew the screws on back of the filter cover (# 23)

and remove the filter cover(# 23).

Remove the filter as shown in **Fig.U1** and inspect. Reassemble the filter and filter cover.

 **Important!** Never operate the power unit without the filter in place. Debris could be sucked in and interfere with the function of the power unit.

STORAGE

Make sure unit is clean and dry before storing. Store unit indoors in a dry location.
To Prevent damage, wrap the electrical cord so that it is not crimped during storage.

ACCESSORIES

Recommended accessories for use with your product are available from your local dealer or authorized service center.



Warning! The use of any accessory not recommended for use with this product could be hazardous.

PROTECTING THE ENVIRONMENT



Separate collection. This product must not be disposed of with normal household waste. Should you find one day that your product needs replacement, or if it is of no further use to you, do not dispose of it with household waste. Make this product available for separate collection.



Separate collection of used products and packaging allows materials to be recycled and used again. Re-use of recycled materials helps prevent environmental pollution and reduces the demand for raw materials. local regulations may provide for separate collection of electrical products from the household, at municipal waste sites or by the retailer when you purchase a new product.

TROUBLESHOOTING

TROUBLE! MATERIAL RUNS OR DRIPS.	
WHAT'S WRONG?	WHAT TO DO...
Spraying too much material.	Reduce paint flow by turning material adjustment knob.
Spraying too slowly.	Increase speed of application.
Spraying too close.	Increase distance from surface.
Viscosity too thin.	Check dilution recommendation.
TROUBLE! MATERIAL DRIPS FROM NOZZLE	
WHAT'S WRONG?	WHAT TO DO...
Nozzle loose	Screw nozzle tight
Nozzle breaks	Change
Y-type seal ring of nozzle breaks	Change
Material accumulated /clog inside nozzle	Clean
TROUBLE! TOO MUCH OVER SPRAY.	
WHAT'S WRONG?	WHAT TO DO...
Sprayer too far from surface.	Reduce distance to surface.
Too much material being sprayed.	Reduce paint flow by turning flow control knob
TROUBLE! LITTLE OR NO MATERIAL BEING RELEASED.	
WHAT'S WRONG?	WHAT TO DO...
Spray nozzle/tip clogged.	Clean nozzles.
Y-type seal ring of nozzle missing	Add seal ring to nozzle and assemble in place
Pickup tube loose or clogged.	Check tube.
Canister loose	Screw canister tightly in place
Quick refill lid loose	Screw quick refill lid tight in place
Spray gun unit not fully attached to the power unit	Check attachment of spray gun unit
Flow control knob setting too low.	Increase flow control setting
Air inlet blocked	Clean or change air filter
Material too thick.	Thin material per manufacturer recommendation.

TROUBLE! MATERIAL BEING SPRAYED IS SPLATTERING	
WHAT'S WRONG?	WHAT TO DO...
Viscosity of material is too high.	Thin material per manufacturer recommendation.
TROUBLE! ATOMIZATION IS TOO COARSE	
WHAT'S WRONG?	WHAT TO DO...
Viscosity of material too high.	Thin material per manufacturer recommendation.
Flow control knob setting too high	Decrease flow control setting
Material accumulated /clog inside nozzle	Clean
Air inlet blocked	Clean or change air filter
Canister loose	Screw canister tightly in place
Quick refill lid loose	Screw quick refill lid tight in place
TROUBLE! SPRAYER PULSATES.	
WHAT'S WRONG?	WHAT TO DO...
Air filter clogged	Clean or change air filter
Material in canister almost empty.	Refill canister.
Canister loose	Screw canister tightly in place
Quick refill lid loose	Screw quick refill lid tight in place
TROUBLE! SPRAY MATERIAL DOES NOT COVER PROPERLY	
WHAT'S WRONG?	WHAT TO DO...
Flow control knob setting too low.	Increase flow control setting
Clearance to target area too large	Reduce spray distance
Too few spray paths sprayed over target area	Apply more spray paths sprayed over target area
Viscosity of material too high.	Thin material per manufacturer recommendation.

۱۱ عیب یابی و علت و راه حل ها

مشکل	علت	راه حل
وجود چکه های رنگ در سطح شی رنگ شده	۱ - محصول بیش از اندازه رقیق ۲ - عدم تنظیم نازل ۳ - کند شدن حرکت اسپری ۴ - کشیدگی ماشه تفنگ ۵ - عدم رعایت فاصله تفنگ	۱ - اضافه کردن مواد غیر رقیق ۲ - کاهش جریان رنگ منظم نازل ۳ - تفنگ را سریع تر حرکت بدهید ۴ - در زمان حرکت معکوس ماشه اجازه حرکت داشته باشد ۵ - فاصله بین تفنگ و شی را افزایش دهید
پاشیدن رنگ ضعیف و متناوب نمی باشد	۱ - رنگ بیش از اندازه رقیق ۲ - عدم تنظیم اسپری ۳ - حرکت سریع بیش از اندازه ۴ - تفنگ مسدود است ۵ - فاصله تفنگ دقیق نیست	۱ - اضافه کردن مواد غیر رقیق ۲ - تنظیم مجدد اسپری ۳ - تفنگ را آرام تر حرکت دهید ۴ - تمیز کردن تفنگ، تمیز کردن نازل داخلی با یک شی غیر فلزی ۵ - برای رنگ آمیزی فاصله بین تفنگ و شی را کاهش دهید
بدون پوشش رنگ آمیزی	۱ - رنگ به اندازه کافی رقیق است ۲ - تزریق غلیظ بوده و چسبندگی زیاد می باشد ۳ - تفنگ مسدود است ۴ - شلنگ ترک خورده یا پاره شده ۵ - فیلتر هوا مسدود است ۶ - رنگ بصورت بسیار غلیظ و لخته لخته می باشد ۷ - مخزن بسته نشده است	۱ - رنگ را غلیظ کنید ۲ - چک کردن چسبندگی مواد ۳ - تمیز کردن تفنگ، تمیز کردن نازل داخلی با یک شی غیر فلزی ۴ - عوض کردن شلنگ ۵ - عوض کردن فیلتر هوا ۶ - در صورت نیاز از یک فیلتر رنگ و یا یک صفحه استفاده شود ۷ - مخزن را کاملاً ببندید و جداره آن را تمیز کنید

۹ تمیز کردن مخزن، نازل و سوزن

۱) مخزن رنگ را جدا کنید.

۲) باقی مانده رنگ داخل مخزن را تخلیه و در ظرف دیگر نگه دارید چون ممکن است در آینده نیاز پیدا کنید.

۳) رقیق کننده را به مقدار کم داخل مخزن بریزید و به آرامی مخزن را به همراه پیستوله رنگ پاش تکان دهید تا به طور کامل تمیز گردد.

۴) اثرات رنگ را از روی بدنه، قطعات داخل و داخل مخزن کاملاً تمیز کنید.

۵) واشر زیر پوشش مخزن را تمیز کنید.

۱۰ برای تمیز کردن نازل و سوزن

۱) پیچ دو شاخ هوا روی پیستوله رنگ پاش را باز کنید.

۲) سری نازل را با آچار مخصوص باز کنید.

۳) پیچ تنظیم را کاملاً شل کنید.

۴) فنر را از سوزن جدا نموده و سپس سوزن را به بیرون هل بدهید.

۵) سوزن و نازل را در ظرف تمیز قرار بدهید و با یک فرچه و حلال آن را تمیز کنید.

۶) داخل پیستوله رنگ پاش و شیلنگ همیشه باید تمیز باشد.

۷) برای استفاده کردن از دستگاه قسمت های مختلف آن باید کاملاً خشک باشند.

۲) طریقه نصب

- ۱) مطمئن شوید ولتاژ مخزن قدرت مثل اطلاعات تکنیکی نشان داده شده روی دستگاه است.
- ۲) مطمئن شوید دکمه پاور در حالت خاموش باشد.
- ۳) دوشاخه دستگاه را به برق بزنید.
- ۴) شلنگ هوا را از دو طرف به پیستوله رنگ پاش و دمنده گریز از مرکز وصل نمایید.
- ۵) دستگاه را روشن کنید.

۳) توضیحات

دستگاه پیستوله برقی شامل (دمنده گریز از مرکز چند مرحله ای) با تفنگ HVLV، یک سیستم ایده آل برای دقت در رنگ آمیزی است. استفاده از آن علاوه بر ساده بودن ایمن نیز می باشد.

۴) ایمنی

قبل از استفاده از ابزار الکتریکی دفترچه راهنمای محصول را به دقت مطالعه فرمایید و قانون های ایمنی و دستورالعمل ها را دنبال کنید.

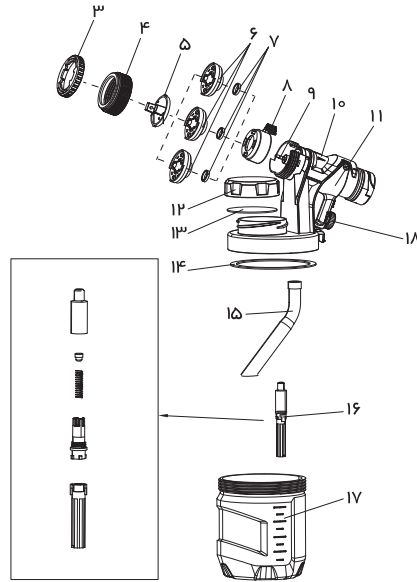
قبل از شروع کار، مطمئن شوید که آیا شما می توانید پیستوله برقی را در مواقع اضطراری خاموش کنید.

این دستورالعمل را در مکان امن نگه دارید تا دیگران نیز بتوانند از آن استفاده کنند.

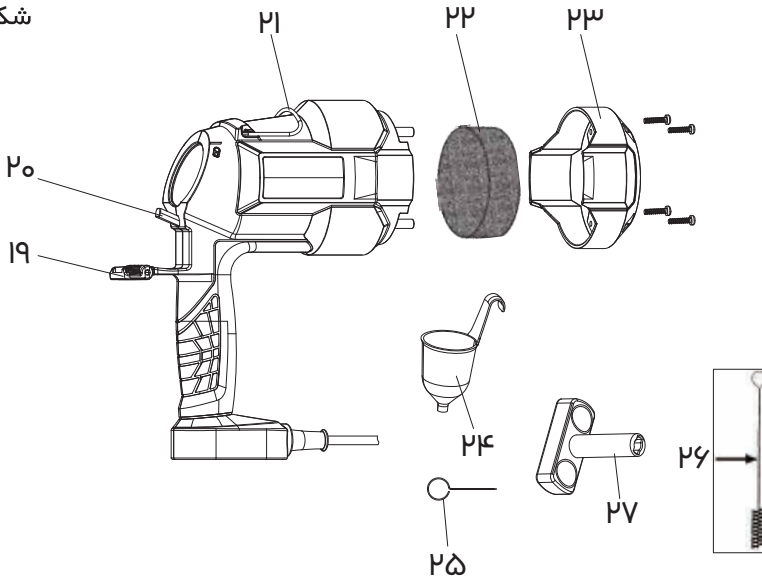
۵) قوانین ایمنی برقی

- ۱) مطمئن شوید منبع تغذیه ولتاژ همانند اطلاعات نوشته شده روی دستگاه باشد.
- ۲) در فواصل معین کابل برق را حتما چک کنید و مراقب باشد که آسیب ندیده باشد.
- اگر سیم قابل استفاده نیست دستگاه نباید استفاده شود.
- ۳) سیم را زیاد نکشید.

شکل ۲



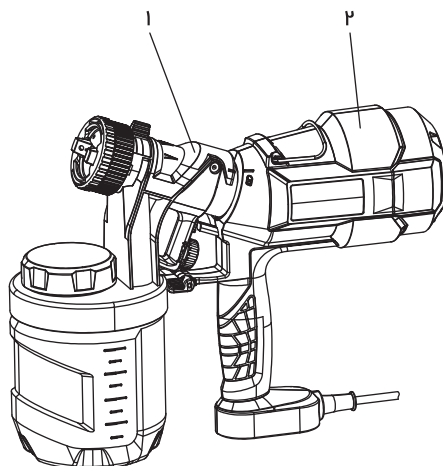
شکل ۳



① اجزا و قطعات

- | | |
|--------------------------------------|--------------------------|
| ۱۷- مخزن رنگ | ۱- بخش تفنگ پیستوله |
| ۱۸- پیچ تنظیم هوا | ۲- بخش موتور |
| ۱۹- قفل پیستوله و موتور | ۳- تنظیم کننده جهت نازل |
| ۲۰- اهرم فشاری ماشه | ۴- مهره اتصال نازل |
| ۲۱- قلاب نگهدارنده | ۵- سری دو شاخ هوا |
| ۲۲- فیلتر | ۶- نازل: ۲ میلی متر |
| ۲۳- محافظ فیلتر | ۷- واشر Y شکل |
| ۲۴- ظرف ویسکوزیته | ۸- اهرم تغییر پهنای پاشش |
| ۲۵- سوزن تمیز کردن نازل | ۹- درپوش پیستوله |
| ۲۶- فرچه جهت تمیز کردن پیستوله تفنگی | ۱۰- بدنه پیستوله تفنگی |
| ۲۷- آجاری پیستوله | ۱۱- ماشه پیستوله |
| | ۱۲- درپوش تخلیه سریع |
| | ۱۳- واشر |
| | ۱۴- رینگ |
| | ۱۵- لوله مکش رنگ |
| | ۱۶- موتناژ شیر یک طرفه |

شکل ۱



۶ آماده کردن محصول برای رنگ آمیزی

- ۱) مخزن را از پیستوله رنگ پاش جدا کنید.
- ۲) داخل مخزن رنگ بریزید. (مخزن رنگ را بیشتر از ۳/۴ حجم آن پر نکنید.)
- ۳) برای بهم زدن مایع داخل مخزن از یک چوب یا شی دیگر استفاده کنید.
- ۴) رقیق کردن محصول مطابق با دستورالعمل های ساخت رنگ انجام پذیرد.
- ۵) در صورت لزوم رفته رفته بعد از تست کردن روی یک شی مقوایی یا چوبی می توانید مجدداً رقیق کننده اضافه کنید.

۷ استفاده از پیستوله رنگ پاش جهت رنگ آمیزی

- پیستوله رنگ پاش با استفاده از دستورالعمل زیر به راحتی تنظیم می شود:
- ۱) پیچ تنظیم رنگ به طور کامل به سمت راست بسته می شود.
 - ۲) به آرامی پیچ تنظیم رنگ را ببندید، تا آنجا که مقدار صحیح پاشیدن رنگ به دست آورده شود.
 - ۳) پیستوله رنگ پاش باید با یک حرکت منظم حرکت داده شود و همیشه در مسیر مشخص نگه داشته شود. (فاصله ۱۰ الی ۳۰ سانتی متری نسبت به شی حفظ شود.) (بستگی به تنظیم و نوع رنگی که مورد استفاده قرار می گیرد دارد).

۸ تمیز کردن و نگه داری پیستوله رنگ پاش

- ۱) تفنگ رنگ پاش بعد از استفاده باید فوراً تمیز شود.
- ۲) اگر رنگ داخل تفنگ خشک شود. تمیز کردن آن دشوار می شود. و حتی ممکن است دیگر نتوان از آن استفاده کرد.
- ۳) از رقیق کننده ای که توسط شرکت توصیه شده است استفاده گردد.

مشخصات فنی

5684	مدل
۴۰۰ وات	توان
۲۴۰ ~ ۲۲۰ ولت	ولتاژ
۵۰ هرتز	فرکانس
HVLP	سیستم رنگ پاشی
۸۰۰ میلی لیتر بر دقیقه	حجم جریان
DIN ۷۰	حداکثر ویسکوزیته
۹۰۰ میلی لیتر	حجم مخزن رنگ
۱/۰ میلی متر / ۲/۰ میلی متر	نازل
ذغالی	نوع موتور
۲ متر	طول کابل
۱/۵ کیلوگرم	وزن خالص
۱/۹۹ کیلوگرم	وزن مجموع
قیف اندازه گیری ویسکوزیته	متعلقات
برس نظافت نازل	
سوزن نظافت	
دو عدد نازل	



پیستوله برقی ۴۰۰ وات حرفه‌ای



ITEM NO. 5684

دفترچه راهنمای فارسی