



Upgrade · The Home Creator Way

High Pressure Airless Paint Sprayer Accessories

Model: ZT-35 / ZT-34 / ZT-33

VEVOR
Support Center



ZT-35



ZT-34



ZT-33

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MODEL:ZT-33

This is the original instruction, please read all manual instructions carefully before operating. VEVOR reserves a clear interpretation of our user manual. The appearance of the product shall be subject to the product you received. Please forgive us that we won't inform you again if there are any technology or software updates on our product.

1. Important safety instructions

	Warning - To reduce the risk of injury, the user must read the instructions manual carefully. Read and understand this instruction manual prior to using this product. failure to do so may result in serious injury or death.
	Warning- Be sure to wear ear protectors when using this product.
	Warning- Be sure to wear eye protectors when using this product.
	Warning- Be sure to wear dust masks when using this product.
	FIRE AND EXPLOSION Hazard Solvent and paint fumes can ignite or explode To help prevent a fire or explosion ·Use outdoors or in a well ventilated area. ·Avoid all ignition sources such as static electricity from plastic drop cloths, open flames such as pilor lights, hot objects such as cigarettes, and arcs from connecting or disconnecting power cords and turning light switches off or on. - Tape wall switches to prevent them from being turned off or on. ·Use only or Graco airless paint hoses. ·Ground sprayer, objects being sprayed,and paint/solvent pails. ·Hold metal part of gun firmly to side of a grounded metal pail when triggering into pail. ·Do not use 1,1,1 Hydroelectrically, methylene chloride other halogenated hydrocarbon solvents or fluids containing such solvents in this gun or any other pressurized aluminum equipment. Such use could result in a chemical reaction and an explosion.
	FLUID INJECTION HAZARD High-pressure spray or leaks can inject fluid into the body. If high-pressure fluid pierces you skin, the injury might look like use a cut, but it is a serious wound. Get immediate medical attention.

	To help prevent injection ·Always put gun trigger safety in SAFETY ON position when not spraying. ·Always relieve pressure before you check or repair leaks and when you stop spraying. ·Never use components rated less than system Maximum Working Pres-sure. ·Never allow children to use this gun. ·Never point gun at yourself or anyone else
	FLUID SPLASHBACK HAZARD To avoid splashback of fluid while spraying,make sure the spray gun is assembled with the correct gasket for the fluid being sprayed. See Installing the Tip. RECOIL HAZARD : Brace yourself.The gun may recoil when triggered.

·Do not spray flammable or combustible materials near an open flame, pilot lights or sources of ignition such as hot objects, cigarettes, motors, electrical equipment and electrical appliances. Avoid creating sparks from connecting and disconnecting power cords.

·For units intended for use with only water-based or mineral spirit-type materials with aluminum flash point of 38°C(100°F)— Do not spray or clean with liquids

having a flashpoint of less than 38°C(100°F). Flash point is the temperature at which a fluid can produce enough vapor to ignite.

·Use extreme caution when using materials with a flashpoint below 100F(38°C). Refer to your pump manual to determine if these materials can be sprayed.

·Paint or solvent flowing through the equipment is able to result in static electricity. Static electricity creates a risk of fire or explosion in the presence of paint or solvent fumes. All parts of the spray system, including the pump, hose assembly, spray gun and objects in and around the spray area shall be properly grounded to protect against static discharge and sparks. Use only conductive or grounded high-pressure airless paint sprayer hoses specified by the manufacturer.

·Verify that all containers and collection systems are grounded to prevent static discharge.

- Connect to a grounded outlet and use grounded extension cords (electric models only). Do not use a 3 to 2 adapter.
- Do not use a paint or solvent containing hydrogenated hydrocarbons. Such as chlorine, bleach mildewcide, methylene chloride and trichloroethane. They are not compatible with aluminum. Contact the coating supplier about compatibility of material with aluminum.
- Keep spray area well ventilated. Keep a good supply of fresh air moving through the area to keep the air within the spray area free from accumulation of flammable vapors. Keep pump assembly in well ventilated area. Do not spray pump assembly.
- Do not smoke in the spray area.
- Do not operate light switches, engines, or similar spark producing products in the spray area.
- Keep area clean and free of paint or solvent containers, rags, and other flammable materials.
- Know the contents of the paint and solvents being sprayed. Read all Material Safety Data Sheets (MSDS) and container labels provided with the paints and solvents. Follow the paint and solvent manufacture's safety instructions.
- Place pump at least 25 feet (7.62 meters) from the spray object in a well ventilated area (add more hose if necessary). Flammable vapors are often heavier than air. Floor area must be extremely well ventilated. The pump contains arcing parts that emit sparks and can ignite vapors.
- Plastic can cause static sparks. Never hang plastic to enclose spray area. Do not use plastic drop cloths when spraying flammable material.
- Fire extinguisher equipment shall be present and working.

	WARNING: INJECTION INJURY
	A high pressure paint stream produced by this equipment can pierce the skin and underlying tissues, leading to serious injury and possible amputation. See a physician immediately.

- Do not aim the gun at, or spray any person or animal.
- Keep hands and other body parts away from the discharge. For example, do not try to stop leaks with any part of the body.

- NEVER put your hand in front of the gun. Gloves will not provide protection against an injection injury.
- ALWAYS keep the tip guard in place while spraying. The tip guard provides some protection but is mainly a warning device
- Use caution when cleaning and changing nozzle tips. In the case where the nozzle tip clogs while spraying, ALWAYS lock gun trigger, shut pump off, and release all pressure before servicing, cleaning tip or guard, or changing tip. Pressure will not be released by turning off the motor. The PRIME/SPRAY valve or pressure bleed valve must be turned to its appropriate positions to relieve system pressure. Refer to PRESSURE RELIEF PROCEDURE described in the pump manual.
- Do not leave the unit energized or under pressure while unattended. When the unit is not in use, turn off the unit and relieve the pressure in accordance with the manufacturer's instructions.
- High-pressure spray is able to inject toxins into the body and cause serious bodily injury. In the event that injection occurs, seek medical attention immediately.
- Check hoses and parts for signs of damage, a leak can inject material into the skin. Inspect hose before each use. Replace any damaged hoses or parts.
- This system is capable of producing 3600psi/ 248 Bar . Only use replacement parts or accessories that are specified by the manufacturer and that are rated a minimum of 3600PSI. This includes spray tips, nozzle guards, guns, extensions, fittings, and hoses.
- Always engage the trigger lock when not spraying. Verify the trigger lock is functioning properly.
- Verify that all connections are secure before operating the unit.
- Know how to stop the unit and bleed pressure quickly. Be thoroughly familiar with the controls. Pressure will not be released by turning off the motor. The PRIME/SPRAY valve or pressure bleed valve must be turned to its appropriate position to relieve system pressure. Refer to PRESSURE RELIEF PROCEDURE described in the pump manual.
- Always remove the spray tip before flushing or cleaning the system.

NOTE TO PHYSICIAN:

Injection into the skin is a traumatic injury which can lead to possible amputation. It is important to treat the injury as soon as possible. DO NOT delay treatment to research toxicity. Toxicity is a concern with some coatings injected directly into the blood stream. Consultation with a plastic surgeon or reconstructive hand surgeon may be advisable.



WARNING:

GENERAL Can cause severe injury or property damage

Always wear appropriate gloves, eye protection, clothing and a respirator or mask when painting.

- Do not operate or spray near children. Keep children away from equipment at all times.
- 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.
- Do not kink or over-bend the hose. Airless hose can develop leaks from wear, kinking and abuse. A leak can inject material into the skin.
- Do not expose the hose to temperatures or pressures in excess of those specified by manufacturer.
- Do not use the hose as a strength member to pull or lift the equipment. Use the lowest possible pressure to flush equipment.
- Follow all appropriate local, state and national codes governing ventilation, fire prevention and operation.
- Before each use, check all hoses for cuts, leaks, abrasion or bulging of cover. Check for damage or movement of couplings. Immediately replace hose if any of those conditions exist. Never repair a paint hose. Replace with a conductive high-pressure hose.
- Do not spray outdoors on windy days. Always unplug cord from outlet before working on equipment (electric models only)

- Warning-To reduce the risk of injury, user must read instructions manual carefully.
- The product complies with relevant standards and regulations. Installation of this device must comply with all applicable regulations, and it should only be operated in well-ventilated areas. Please read the user manual before installing and using this equipment.
- This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.
- Children shall not play with the appliance.
- Please use the product according to the intended use, warn of potential injury from misuse.

- **Environmental Responsibilities**

Please recycle unwanted materials instead of disposing of them as waste. All tools, hoses and packaging should be sorted taken to the local recycling centre and disposed of in an environmentally safe way.

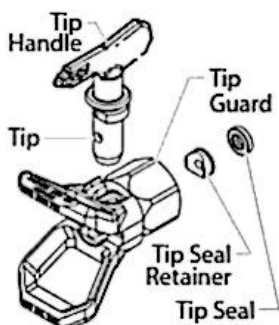
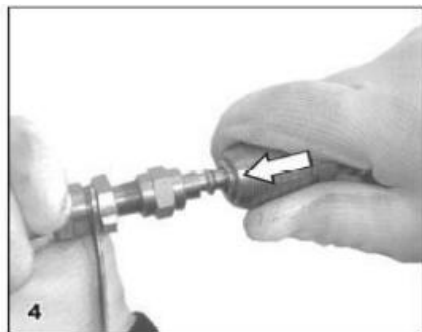


Never attempt to assemble , change, or clean the gun, tip, or tip guard without first relieving pressure from the spray system. Follow the "Pressure Relief Procedure" in the sprayer's Manual.



Always use a tip safety guard for added protection against injection. Be ware that the guard alone will not prevent injection. Never cut off tip guard! Always engage gun trigger lock when the gun is not in use. Before servicing equipment, consult owner's Manuals and follow all warnings.

- Set up the sprayer. Refer to the instructions in the sprayer's Manual.
- Attach a grounded, airless spray hose to the material inlet on the gun. Using two wrenches (one on the gun and one on the hose), tighten securely(4).



2. Product introduce

We offer three spray gun kits: ZT-35, ZT-34, and ZT-33, designed to meet the needs of different users. All kits include a spray gun, Nozzle-517, Nozzle-623, and cleaning tools. ZT-34 includes additional nozzles, a metal hose, and filters, while ZT-33 comes with extension rods of different lengths. These three products are suitable for various spraying tasks, providing convenience and efficiency. See the detailed list below.

Partlist

No.	Part	ZT-35	ZT-34	ZT-33
1	Spray Gun	1pcs	1pcs	1pcs
2	Nozzle-211	×	1pcs	1pcs
3	Nozzle-315	×	1pcs	1pcs
4	Nozzle-417	×	1pcs	1pcs
5	Nozzle-517	1pcs	1pcs	1pcs
6	Nozzle-623	×	1pcs	1pcs
7	Hose (50ft Metal)	×	×	1pcs
8	Extension Rod (30cm)	×	×	1pcs
9	Extension Rod (50cm)	×	×	1pcs
10	Extension Rod (60cm)	×	×	1pcs
11	Filter (60 Mesh)	2pcs	5pcs	5pcs
12	Filter (100 Mesh)	×	5pcs	×
13	Cleaning Needle	1pcs	1pcs	1pcs
14	Cleaning Brush	1pcs	1pcs	1pcs

3.Nozzle instructions

3.1 Nozzle Parameter

Nozzle Model	Spray Width	Flow Rate (L/min)
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211	10-15	0.45
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315	15-20	0.85
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417	20-25	1.05
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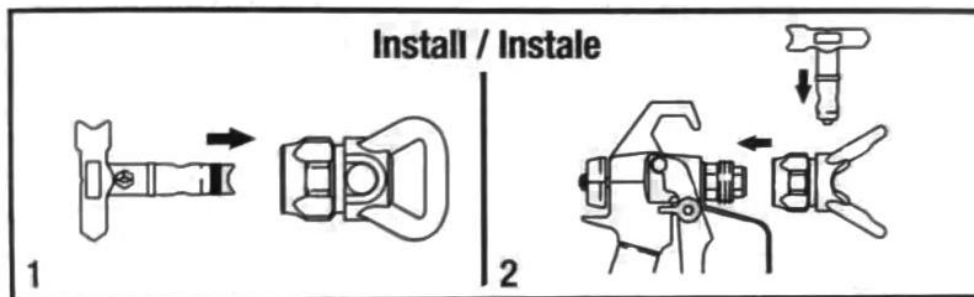
517	25-30	1.05
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623	30-35	1.9
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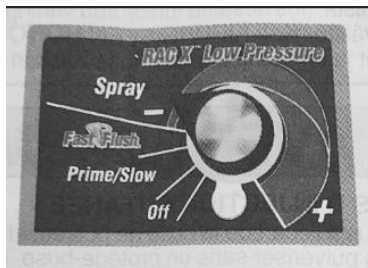
Note:

1. Spray Width (mm) refers to the maximum spray width at a distance of 25-30mm from the nozzle.
2. Spray width and flow rate depend on various factors, and the parameters in the table are for reference only.

3.2 Nozzle instructions



1. Start at normal pressure
2. Normal pressure operation
3. DO NOT TURN PRESSURE HIGHER THAN IS NEEDED TO REMOVE TAILS FROM YOUR PATTERN



4. LOWERING SPRAY PRESSURE can reduce flow in some materials.
5. Suitable for large-scale operations and high-yield applications
6. Injection pressure 140 LOWER PRESSURE! LOWER PRESSURE! RAC 1 SwitchTip LOW PRESSURE REVERSIBLE SPRAY TIP LESS OVERSPRAY REDUCES PREP & CLEANUP UP TO 2X LIFE. The pressure can also be increased according to the actual nozzle atomization.

Note: Increase tip orifice size to maintain speed and material flow if needed.

4. Spray gun instructions

1 Operation for spray gun

1. Make sure the arrow on the tip handle is pointing in the forward direction for spraying.
2. Start the sprayer. Refer to the instructions in the sprayer's Manual.
3. Adjust the fluid pressure on the sprayer until the spray is completely atomized. Always spray at the lowest pressure necessary to get the desired results. NOTE: The spray tip determines the size of spray pattern and coverage. When more coverage is needed, use a larger tip instead of increasing fluid pressure.
4. To clear a clogged tip
 - A. Rotate the tip 180° so that the arrow on the tip handle is pointing opposite the spray direction.
 - B. Trigger the gun once so that the pressure can blow the clog out. Important: Never pull the trigger more than once at a time with the tip in the reverse position.
 - C. Continue this procedure until the tip is clear of the clog.

Cleanup

Maintaining a clean gun is important to ensure trouble-free operation.

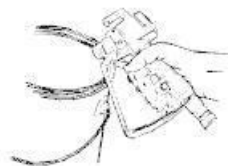
Flush the gun after each use and store in a dry location. Do not leave the gun or any of its parts in water or solvents.



Special cleanup instructions for use with flammable solvents:

Always flush spray gun preferably outside and at least one hose length from spray pump.

- If collecting flushed solvents in a one gallon metal container, place it into an empty five gallon container, then flush solvents.
- Area must be free of flammable vapors
- Follow all cleanup instructions.
- Important: The sprayer, hose, and gun should be cleaned thoroughly after daily use. Failure to do so permits material to cake, seriously affecting the performance of the unit.



Always spray at minimum pressure with the tip and tip guard removed when using mineral spirits or any other solvent to clean the sprayer, hose, or gun. Static electricity buildup may result in a fire or explosion in the presence of flammable vapors. Hold the gun firmly against a metal container while flushing.

Maintenance



Follow all safety precautions as described in the Safety

Precautions section of this manual before proceeding.

NOTE: Refer to the Parts List section in this manual for part identification.

Replacing/Serviceing the Seal Assembly

If your spray gun leaks or spits at the tip when you release the trigger, the needle or seat is worn, damaged, or dirty and must be replaced or cleaned.



Never attempt to perform maintenance on the spray gun without first performing the “Pressure Relief Procedure.”

Adjusting the Packing Seal Assembly

Operation manual of high pressure airless spray gun

Preface

Before using the high-pressure airless spray gun, please carefully read the manual and understand the product performance and characteristics. It is strictly prohibited to spray the spray gun towards yourself or others, otherwise the solvent will cause injury to human body parts. It is strictly prohibited to use the spray gun under overpressure to avoid personal injury. Personal injury or property loss caused by illegal removal or replacement of accessories is not within the scope of responsibility.

- 1、 Applicable coatings: colorant, varnish, medium and high viscosity emulsion paint, oil-based coating, chlorinated rubber, epoxy, etc
- 2、 Scope of application: corrosion protection of large metal surfaces such as ships, rolling stock, chemical equipment, internal and external walls of large buildings, steel structures, color tile spraying, floors, bridges and pipelines.

3.Main features

1. The nozzle and ball valve are made of special alloy materials, with high pressure resistance and fine atomization
2. The gun is light, four finger trigger, comfortable to handle, easy to operate and equipped with safety device
- 3 . air inlet adapter assembly 360 rotates freely

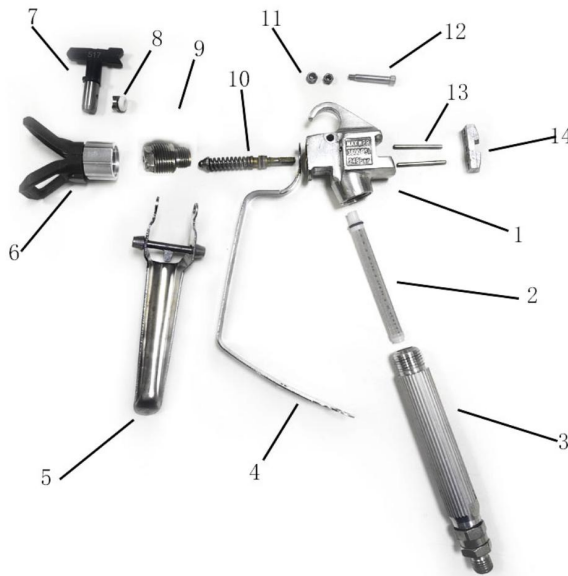
5、 Usage:

Install the air inlet connector of the spray gun on the paint supply hose of the spray machine, tighten the well, let the arrow of the reversible nozzle assembly move forward, open the trigger lock, hold the spray gun, press the trigger 300mm away from the paint surface to spray paint,

6.Cleaning and maintenance of spray gun

1. Before painting,the paint must be filtered through the filter screen,
2. After the spraying operation, the spray gun shall be cleaned immediately to remove the residual paint at all parts where the paint flows through to prevent deterioration Hard,causing blockage.When cleaning, just replace the coating with corresponding solvent and spray it according to the operation until the machine body and high-pressure pipe And spray the paint in the spray gun.
3. Reversing the nozzle column assembly (under pressure relief) can self clean the nozzles.

ASSEMBLY DRAWING



List of high pressure airless spray gun

Serial number	name	quantity	Serial number	name	quantity
1	The gun body	1	2	Filter tube	1
3	Handle	1	4	Protective frame	1
5	Switch pull plate	1	6	Nozzle base	1
7	Airless nozzle	1	8	Half Crescent pad	1
9	Gun needle valve seat	1	10	Thimble spring	1
11	Non metallic insert hexagon lock nut M5	2	12	Screws	1
13	Thimble	2	14	Rear seat joint	1

