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Wyprodukowane w CHINACH przez: **Varan Motors**



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por / Importato da / Importado por / Importované spoločnosťou / Dovezeno  
spoločnosťou / Importowane przez:

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# Manual Book

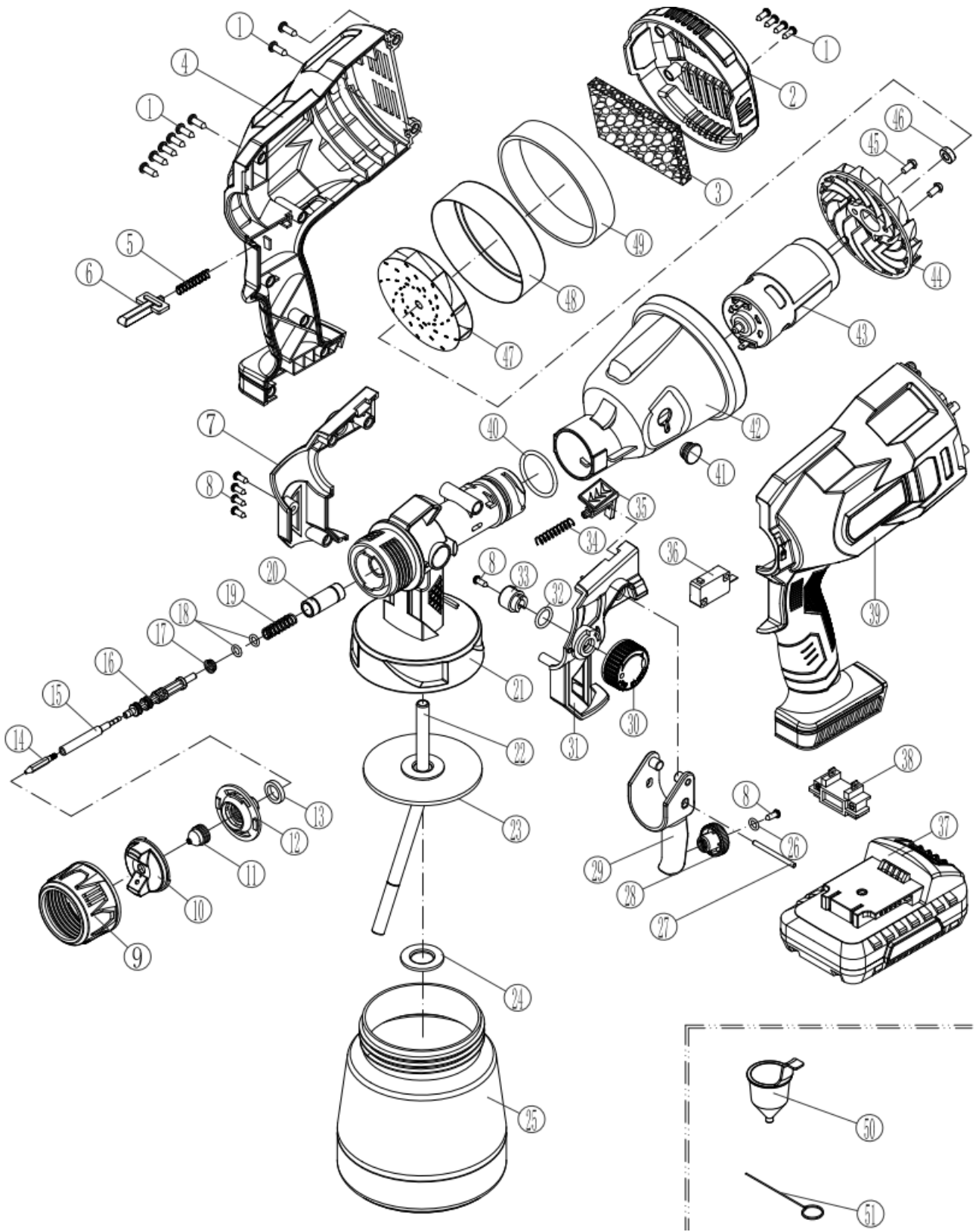
## 20V Portable Spray Gun



Mod. KPT-CP32380



BCIE SARL, Gruuss-Strooss 28, L-9991 Weiswampach  
Made in China 03/2021



! Explosive view:

1	ST2.9*10SCRE	18	O-ring	35	Lock catch
2	Rear cover	19	22 Needle spring	36	microswitch
3	Cotton filter	20	Needle set	37	Battery pack
4	Right cover	21	GUN	38	Battery pack pin
5	Switch plunger spring	22	Pipette	39	Left cover
6	Switch plunger	23	Cup-ring	40	Gun-ring
7	Right side cover	24	Suction pipe splint	41	Stopper
8	ST3.5*10SCRE	25	Cup	42	Motor cover
9	Big nut	26	Φ3 flat gasket	43	550 motor
10	Spray ball	27	Short pin	44	wind mill
11	Spray nozzle	28	Adjusting knob	45	M4*8 SCRE
12	Barge board	29	trigger	46	Motor gasket
13	Nozzle seal	30	Spray a knob	47	Wind leaf
14	Needle	31	Left side cover	48	wind cover
15	Needle insert	32	O-ring	49	Damping ring
16	Needle seat	33	Atomization circle	50	funnel
17	bowl seals	34	Vent spring	51	Pin

## II Technical parameters:

Model:KPT-CP32380	
Rated power:120W	Atomization output:
Rated votage:20V	Battery capacity: 2000mAh
Frequency:50/60HZ	Spraying distance: 200-250mm
Rated speed:30000RPM	Width: 200-300mm
Air flow:160L/MIN	Viscosity: 8-12s
Paint flow:100-200ml/min	Material pot capacity: 800ml

## III Function:

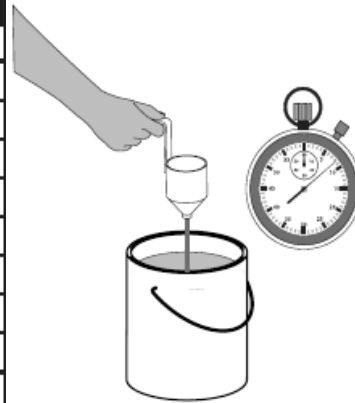
Suitable for painting furniture, fences, doors, windows, walls, ceiling,  
and for car repairing, high altitude operation and so on.

## IV How to use:

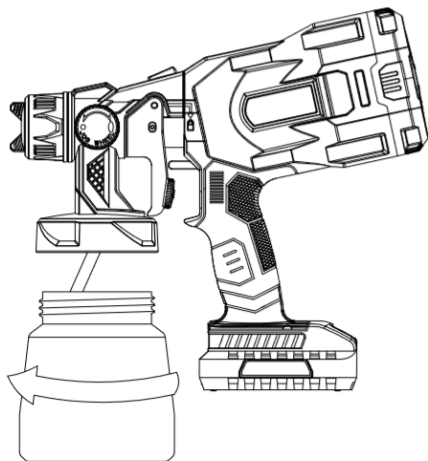
Before use the electric spray gun, material preparation is the first stage.

Please refer to the thinning chart and picture.

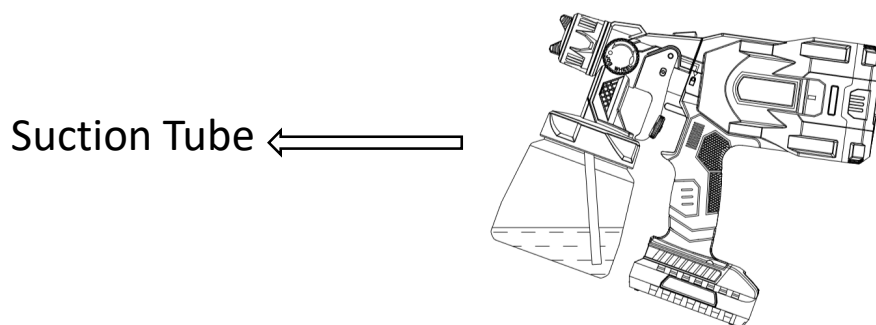
Material	Run out Time (Sec)
1) Oil enamel	25-60
2) Oil based primer	30-60
3) Oil stain	No thinning required
4) Clear sealer	No thinning required
5) Polyurethane	No thinning required
6) Varnish	20-60
7) Lacquer sanding sealer	25-35
8) Lacquer	25-35
9) Automotive finishes	20-40
10) Latex	45-90



1) Unscrew the paint container from the spray gun.

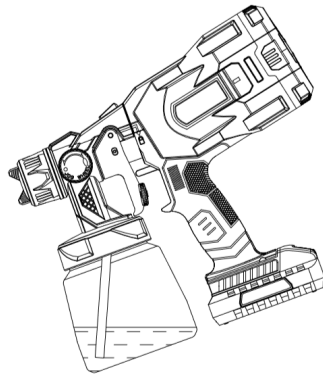


2) Adjust the suction tube.



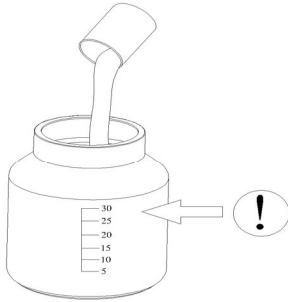
a) If spray in an upward direction, the angled end of the suction tube should be pointing toward the rear of the gun.

Suction Tube ←



b) If spray in a downward direction, the angled end of the suction tube should be pointing towards the front of the gun.

3) Pour material into container, make sure not to exceed 800ml

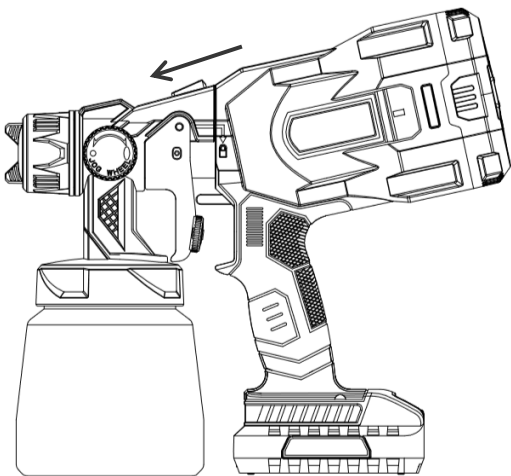


4) Remove the motor

a) Hold the gun with your hand and press the latch in the direction of the arrow.

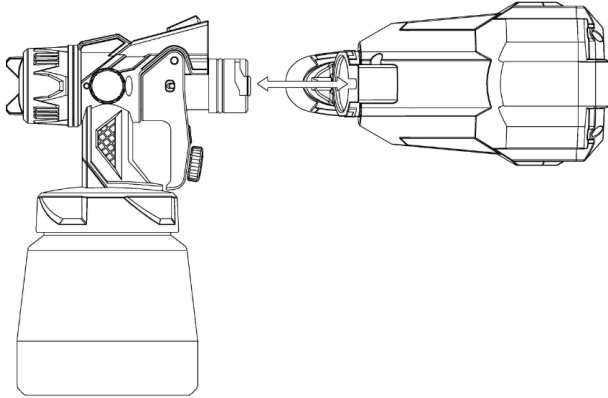
b) At the same time hold the motor handle with your hand and rotate it counterclockwise 90°.

c) Pull out to remove the motor from the gun.



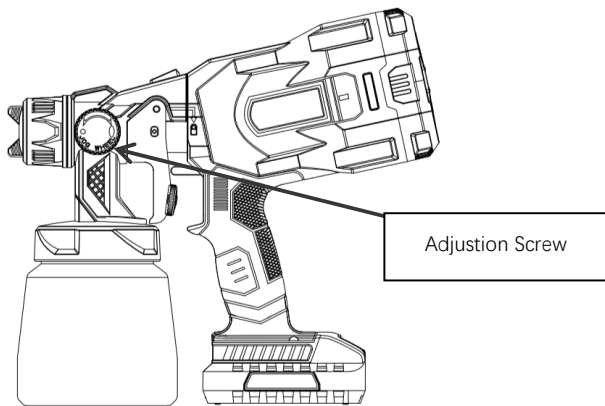
5) Connect gun body with motor

- a) Hold the gun with your hand to align the slot on the gun with the slot on the motor and insert it (as shown in the figure).
- b) Hold the motor handle with your hand, rotate the right hand clockwise 90°.
- c) When the gun and host are parallel, it is locked.



6) Adjust the needle adjusting screw to meet your requirement.

- a) Adjust the screw to left to decrease paint volume, lower paint thickness
- b) Adjust the screw to right to increase paint volume, increase paint thickness

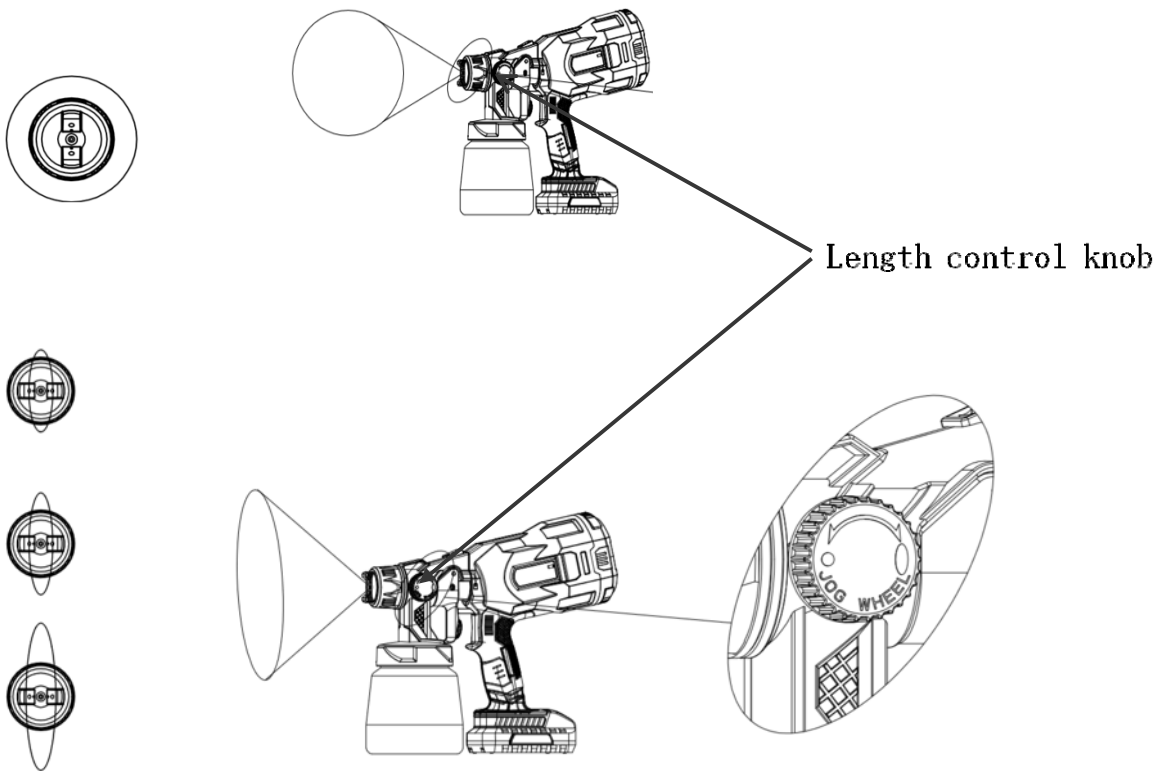


7) Spray length adjustment: Turn this knob to adjust the round shape from vertical to horizontal.

Adjust the required length according to the spraying environment, reduce waste and save material.

a) The counterclockwise rotation shortens the length, and when it rotates to the stop position, it is sprayed with the largest circle.

b) Adjust the screw to right to increase paint volume, increase paint thickness



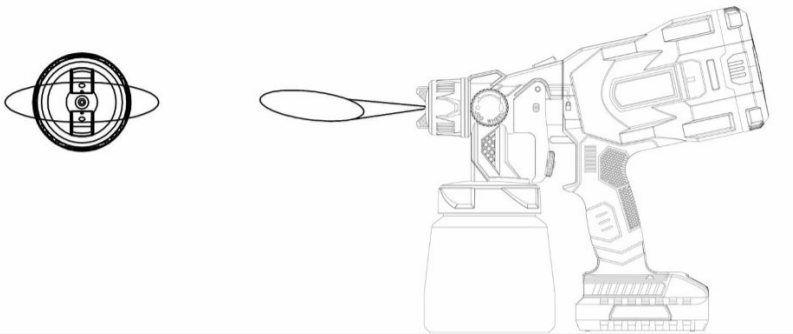


8) Adjusting spray patterns

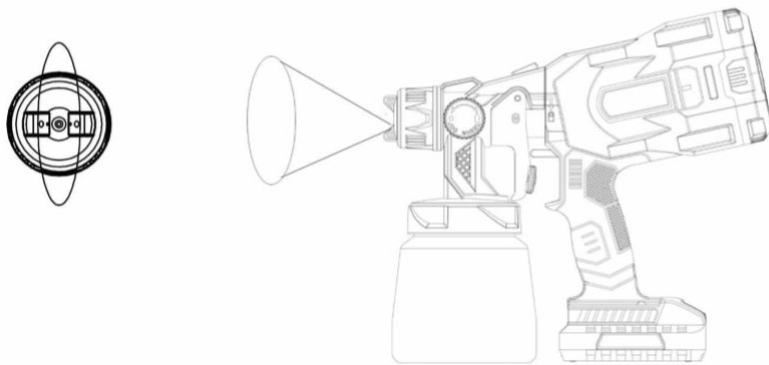
a) The gun spray patterns can be changed from a horizontal oval fan pattern to a round

b) detailed pattern to a vertical fan pattern by adjusting the nozzle.

VERTICAL



HORIZONTAL



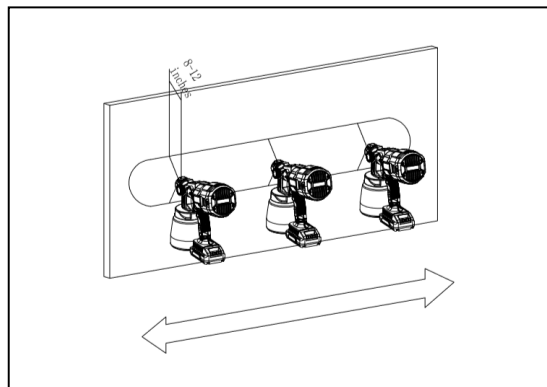
9) Open the power switch, pull trigger, the paint will spray from the nozzle.

**V How To Spray Properly:**

EVEN COAT THROUGHOUT

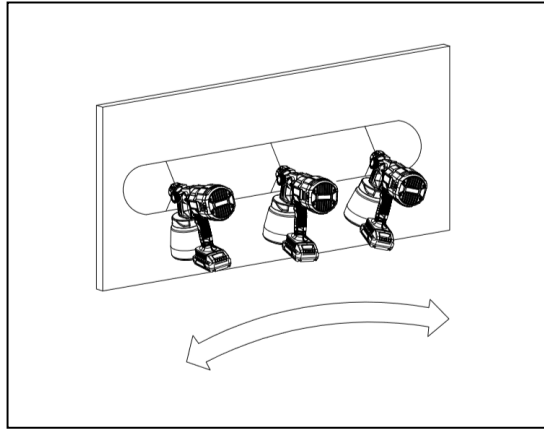
Correct:

Keep stroke smooth and at even speed.



Incorrect:

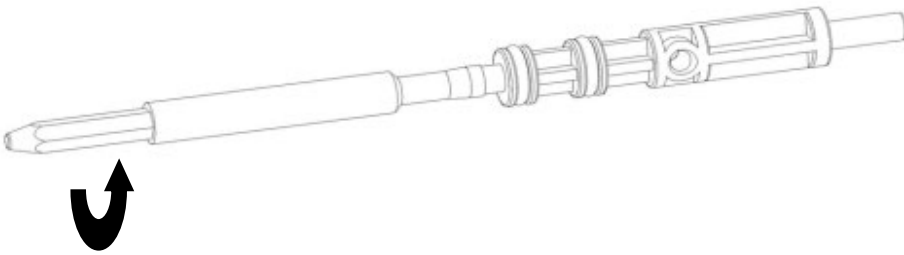
Do not flex wrist while spraying.



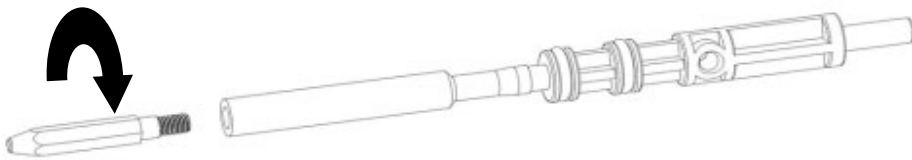
**VI Replace nozzle and Needle:**

When disassembling the nozzle, please pull the trigger first, then press and remove the nozzle.

a) As shown in the figure, rotate to remove the needle



b) As shown in the figure, rotate to set up the needle



## VII Troubleshooting:

### Problem Cause Solution

Problem	Cause	Solution
A.little or no material flow	1.nozzle clogged 2.suction tube clogged 3.material volume setting turn too far to the right 4.suction tube loose 5.material is too thick 6.inconsistent paint 7.container is loose	1.clean 2.clean 3.turn to the left  4.insert 5.check viscosity 6.strain paint 7.tighten the container
B.material leaking	1.nozzle loose 2.nozzle worn 3.nozzle seal worn 4.material build-up on spray pattern dial and nozzle	1.tighten 2.replace 3.replace 4.clean
C.atomization is too coarse	1.viacosity of material too high 2.material volume too large 3.nozzle clogged 4.too little pressure build-up in container	1.thin 2.turn to the right 3.clean 4.tighten container
D.spray jet pulsates	1.material in container running out. 2.material is too thick	1.refill 2.check viscosity
E.pattern runs or sags	1.applying too much material	1.adjust material flow or increase movement of spray gun
F.too much over-spray	1.gun too far from spray object 2.too much material applied	1.reduce distance 2.turn material volume setting to right
G.pattern is very light and splotchy	1.moving the spray gun too fast	1.adjust material flow or decrease movement of spray gun
H.large cloud of paint	1. gun too close to surface	1.move gun away from surface and reduce paint flow

## VIII Warning!

1. Keep your workplace clean and tidy,never use the tool in hazardous areas that contain flammable liquids,gasses or dusts.
2. Only use paints,solvents or other materials with a flash point of 73 °F(22C) or higher.
3. Never point the spray gun at other person or animal.In the event of an injury,seek immediate medical attention.
4. Always read the paint manufacturer's thinning instructions before use.
5. You must clean the spray gun thoroughly after each use.
6. Do not pull the power cord to move this tool.