



PAINT POT C/W AIR AGITATOR (ALUM PAIL) MODEL: RX10A – 10LITRE PAINT POT

GENERAL INTRODUCTION

The pressure air tank is equipped with an air motor, air pressure regulator, safety valve, release cock, material outlet, inner material tank and 4 moving wheels.

For it's durability, all the component part are made with the finest materials and were strictly inspected before assembly. The surface of the whole tank was also treated with special paint for a durable appearance.

The material being sprayed can be agitated automatically by the air motor. That keeps the material smooth all the time during spraying and prevents the target product from color difference caused by material settling.

The capacity of this versatile tank enables the operator to carry out almost any job with professional results. What's more, special materials such as enamel paint, chemical liquid, glue, sticky materialetc can also be transferred as smoothly as required.

CAUTION

For the sake of performing perfectly all the time, thorough cleaning of the equipment is to be carried out right after each spraying. That ensures the reduction of damage to the spare parts and also to prolong the life-span of the tank.

WARNING

1. The pressure tank is allowed to provide material pressurized up to maximum load of 80 psi. **Exceeding this allowable load will result in explosion!**
2. The safety valve is designed to protect the tank from over pressurization. The original valve is set at 60 psi. **MAKE SURE NOT TO ADJUST IT EXCEEDING 80 PSI!**
3. Do not drill, weld or carry out any form of machining to any part of the tank. The tampering caused by these will weaken the structure.



OPERATION

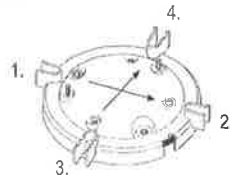
- 1 Check and make sure there is no pressurized air remaining in the tank before using. If there is, release by turning release valve clockwise until pressure reduces to zero.
- 2 After installing the cover to shell, it is necessary to check visually if there is a gap. It is necessary to check the tightness of the nut before usage.

Operating Procedure

- 1 Loosen all thumb nuts and swing bolts, then remove the lid assembly away from the main tank.
- 2 Pour the material into the material tank.
- 3 Replace the lid assembly and tighten it with main tank securely.

Tighten Sequence:

1. → 2. → 3. → 4.



- 4 Connect the air supply hose to the air inlet.
Suggestion: It is better to add an air filter between this hose and the air inlet. The filter can trap the dirt, water or oil which is not good to the material being sprayed.
- 5 Connect the atomizing air hose to the air outlet cock.
- 6 Turn on the air valve clockwise to gain a proper speed for the air motor to agitate the material.
- 7 Connect the material hose to the material outlet cock.
- 8 Turn on the air supply, then turn air pressure regulator clockwise to gain proper working pressure.
MAKE SURE NOT TO ADJUST IT EXCEEDING 80 PSI!
- 9 Turn on the outlet cock
- 10 Turn on the fluid outlet cock.
- 11 Atomizing air for the spray gun can be adjusted at the gun by means of turning an adjust valve on it.
- 12 Operate your spray gun according to the instruction.



Caution

- 1 Regular checking of safety valve is necessary. Do not attempt to repair or adjust the safety valve.
- 2 Operating the agitator without fluid inside will damage the equipment.

Cleaning and Maintenance

Thorough cleaning performed right after operating is always necessary. That reduce the necessity for spare parts and also prolong the durability of the tank.

The process for cleaning:-

- 1 Turn air inlet cock off
- 2 Turn on material cock
- 3 Release all pressure air that remains in the tank
- 4 Loosen all thumb nuts and swing bolts, then move the lid assembly to one side of the tank
- 5 Loosen air cap retaining ring on spray gun about 3 turns
- 6 Cover the air cap on the gun with a cloth, then pull trigger. This will force material back into the tank.
- 7 Empty the material tank. Then take some clean solvent to clean all the tank and the other parts which has contact with material.
- 8 Pour clean solvent into the tank
- 9 Replace the lid assembly back and tighten all the thumb nuts.
- 10 Turn air inlet cock on.
- 11 Operate the spray gun until clean solvent appears.
- 12 Repeat Steps 1 – 6 in order to force solvent back to the tank.



Trouble Shooting

PROBLEM	CAUSE	REMEDY
Indicator on air pressure gauge is out of function	Broken or damaged	Replace
Material settles during operation	Not enough agitating of the material or the agitating propeller may have loosen or the air motor may have malfunctioned	Increase agitating or tighten it or check and replace part involved
Material or air leak out from lid gasket	Lid gasket has worn off or thumb nuts were not tightened enough	Replace it or tighten
Air leak out from release cock after being screwed	The O-ring in it may be damaged	Replace
Material does not flow out smoothly	Filter or fluid tube may be choked	Check and clean
Air leak from Motor Base No 10A or No 61	O-Ring (10A) or seal (61) worn out	Replace with Repair Kit (RX10A-RK4)

Note: Check pressure gauge occasionally. The indicator should indicate zero whenever there is no pressure in the tank.



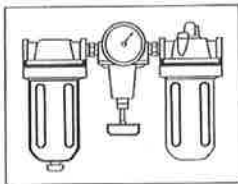
SAFETY INSTRUCTIONS



DANGER

Do not attempt to operate the equipment until you read and understand all safety precautions and manual instructions. Never allow oxygen or combustible gas as a power source for the equipment. Use filtered, lubricated and regulated compressed air only.

Never use gasoline or other flammable liquids to clean the equipment. Vapors in the equipment will ignite by a spark and cause the equipment to explode.



Many equipment users find it convenient to use oiler to help provide through tool and increase the efficiency and useful life of the tool. Check oil level in the oiler daily.

Many equipment users find it convenient to use a filter to remove liquid and impurities which can rust or wear internal parts of the tool. A filter also increase the efficiency and useful of the tool. The filter must be checked on a daily basis and if necessary drained.

WARNING

Wear hearing protection. Employers and users are responsible for ensuring the users or anyone near the equipment in proper safety protection

Never point any operational pneumatic tools at yourself or any other person.

End users are responsible for the CE compliance safety valve

Anti-electro static discharged should be grounded at all times.



Installation of Pressure Tank

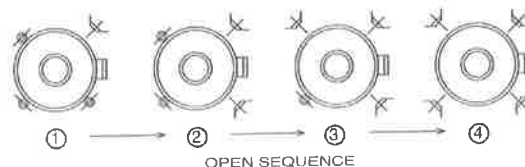
Before use, the nozzle shall be checked for well connection for inlet (compressed air) and outlet (paint hose). The container should not be filled over 80% of shell height.

Follow the instruction as below:-

Do not open the lid at any time before the pressure gauge returns to zero. To ensure safety, persons who operate this device should be well trained.

When processing the loading & unloading lid make sure that the temperature is below 40°C and the tank pressure is at 0 kg/m² G before opening the lid.

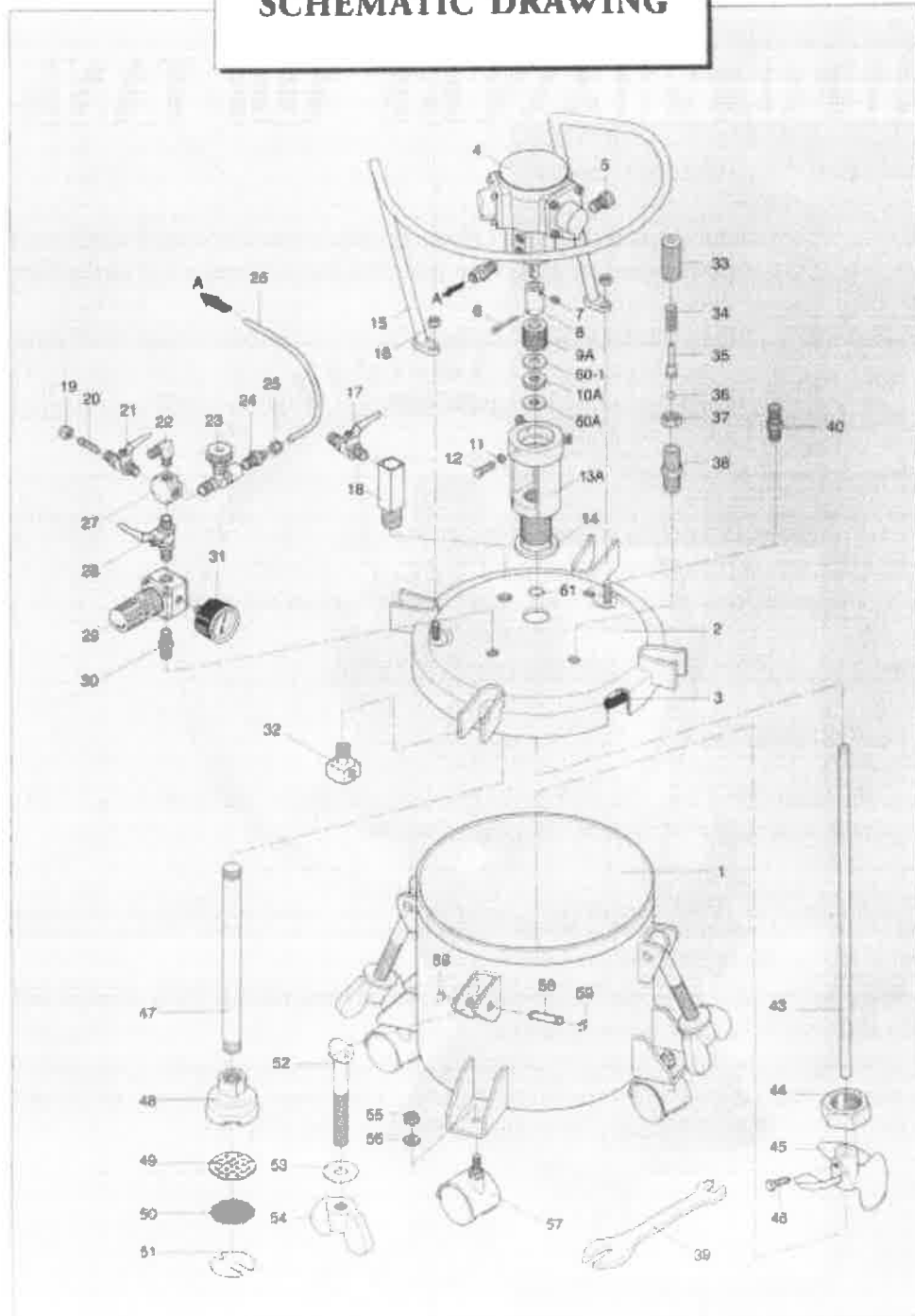
When processing the container loading & unloading, first loosen the wing nuts and open the lid slightly to make sure there is no residual pressure left in the tank. After checking, remove wing nuts and fully open the lid. Loosen the wing nuts in the order as shown in the following diagram.





PART LIST MANUAL MODEL: RX10A

SCHEMATIC DRAWING





PART LIST MANUAL MODEL: RX10A

ITEM	PART NO	DESCRIPTION	QTY		ITEM	PART NO	DESCRIPTION	QTY
1	RX10A-01	Material Tank	1		32	RX10A-32	Air Flow Guide	1
2	RX10A-02	Lid Assembly	1		*33	RX10A-33	Safety Valve Shell	1
3	RX10A-03	Gasket	1		*34	RX10A-34	Spring	1
4	RX10A-04	Air Motor	1		*35	RX10A-35	Needle Rod	1
5	RX10A-05	Silencer	1		*36	RX10A-36	Steel Ball	1
6	RX10A-06	Cotter Pin	1		*37	RX10A-37	Hexagon Nut	1
7	RX10A-07	Set Screw	2		*38	RX10A-38	Adapter	1
8	RX10A-08	Connecting Bush	1		39	RX10A-39	Spanner	1
9A	RX10A-09A	Centering Guide	1		40	RX10A-40	Release Valve	1
## 10A	RX10A-10A	Seal Ring	2		43	RX10A-43	Agitating Rod	1
11	RX10A-11	Hexagon Nut	3		44	RX10A-44	Hexagon Nut	1
12	RX10A-12	Screw Bolt	3		**45	RX10A-45	Agitating Propeller	1
13A	RX10A-13A	Motor Base	1		**46	RX10A-46	Screw Bolt	1
## 14	RX10A-14	Seal Ring	1		47	RX10A-47	Fluid Tube	1
15	RX10A-15	Parts Guard	1		48	RX10A-48	Absorption Apparatus	1
16	RX10A-16	Hexagon Nut	2		49	RX10A-49	Filter Base	1
17	RX10A-17	Paint Outlet Cock	1		50	RX10A-50	Material Filter	1
18	RX10A-18	Material Outlet Adaptor	1		51	RX10A-51	Snap Ring	1
19	RX10A-19	Nut	1		52	RX10A-52	Swing Bolt	4
20	RX10A-20	Air Outlet	1		53	RX10A-53	Washer	4
21	RX10A-21	Air Outcock	1		54	RX10A-54	Thumb Nut	4
22	RX10A-22	Elbow (Air Inlet)	1		# 55	RX10A-55	Nut	4
23	RX10A-23	Air Valve	1		# 56	RX10A-56	Washer	4
24	RX10A-24	Adapter	2		# 57	RX10A-57	Wheel	4
25	RX10A-25	Nut	2		58	RX10A-58	Cotter Pin	4
26	RX10A-26	Air Hose	1		59	RX10A-59	C-snap Ring	8
27	RX10A-27	Branch four	1		## 60A	RX10A-60A	Seal Ring	1
28	RX10A-28	Air Inlet Cock	1		## 60-1	RX10A-60-1	Seal Ring	1
29	RX10A-29	Pressure Regulator	1		## 61	RX10A-61	O-Ring	2
30	RX10A-30	Adapter	1					
31	RX10A-31	Pressure Gauge	1					
*	RX10A-RK1	Repair Kit consisting of Item 33, 34, 35, 36, 37 & 38 (1 ea)						1
**	RX10A-RK2	Repair Kit consisting of Item 45 & 46 (1 ea)						1
#	RX10A-RK3	Repair Kit consisting of Item 55, 56 & 57 (4 ea)						1
##	RX10A-RK4	Repair Kit consisting of Item 10A (2), 14, 60A, 60-1 & 61(2)						1

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