

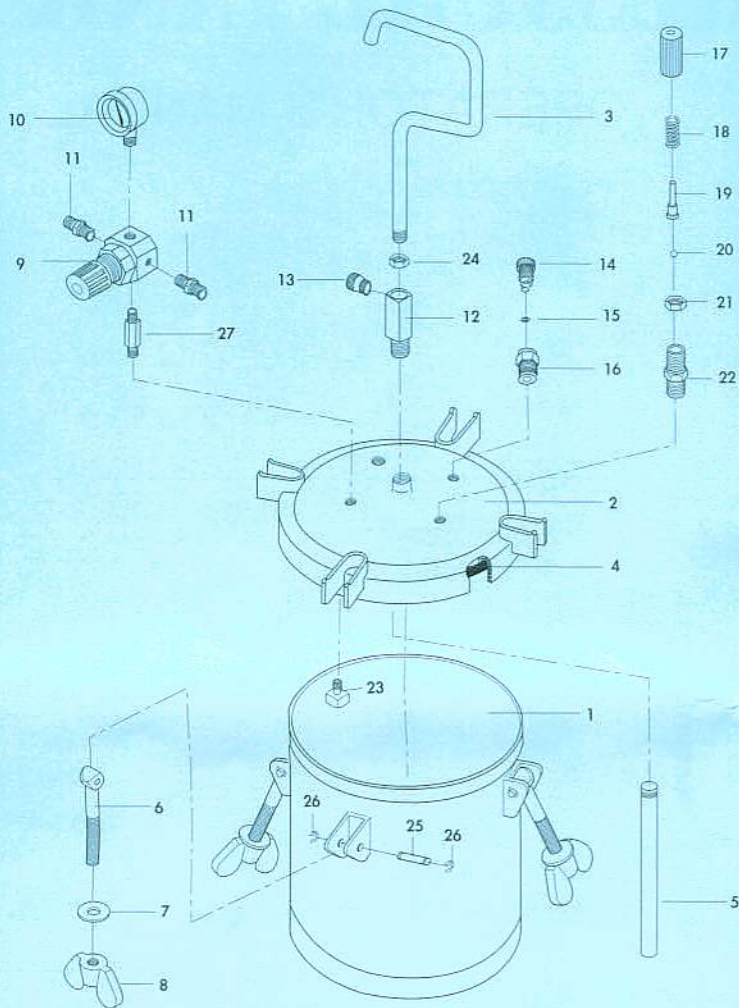
1 GALLON PRESSURE TANK

OPERATOR'S MANUAL



AT-5HT

SCHEMATIC DRAWING



ITEM NO 件 號	中文名稱	DESCRIPTION	Q'TY
01	塗料桶	MATERIAL TANK	1
02	桶蓋	LID ASSEMBLY	1
03	把手	HANDLE	1
04	氣密墊	GASKET	1
05	塗料管	FLUID TUBE	1
06	活節螺栓	SWING BOLT	4
07	平面華司	WASHER	4
08	蝶型螺帽	THUMB NUT	4
09	調壓閥	PRESSURE REGULATOR	1
10	壓力錶	PRESSURE GAUGE	1
11	接頭	ADAPTER(AIR INLET)	2
12	塗料出口	FLUID OUTLET	1
13	塗料出口接頭	FLUID OUTLET ADAPTER	1
14	洩氣旋塞	RELEASE COCK	1
15	O型環	O-RING	1
16	接頭	ADAPTER	1
17	安全閥外殼	SAFETY VALVE SHELL	1
18	彈簧	SPRING	1
19	頂針	NEEDLE ROD	1
20	鋼珠	STEEL BALL	1
21	六角螺帽	NUT	1
22	接頭	ADAPTER	1
23	導流閥	AIR FLOW GUIDER	1
24	六角螺帽	NUT	1
25	插銷	COTTER PIN	4
26	C型扣環	C-SNAP RING	8
27	六角接頭	ADAPTER	1

WARNING

1. This pressure tank is only allowed to provide pressurized material up to maximum load of **80 psi**. Exceed this allowable load can result in explosion.
2. The safety valve is designed to protect the tank from over pressurization. The original valve of it is set as 60 PSI, If not necessary, Do not adjust it under normal working condition.
3. Do not make any changes to the pressure tank. Because the tampering in the form of drilling, welding...ETC will weaken the tank.

OPERATING

Make sure there is no pressured air remained in the tank before using.

If there is, release it with turning release cock counter-clock-wise until pressure bleeds down.

- 1 Loosen thumb nut and swing bolt, then remove lid assembly.
- 2 Pour material into the tank.
- 3 Replace the lid assembly and tighten securely.
- 4 Connect the air supply hose to the air inlet. Which is fitted above pressure regulator. It's better for the air supply hose to pass through a transformer to filter dirt from air and remove entrained water and oil!
- 5 Connect the atomization air hose to the air outlet, Which is fitted directly opposite to the air inlet.
- 6 Connect material hose to the fluid outlet.
- 7 Turn on the air supply, ture pressure regulator clock-wise to gain working pressure. **Make sure not to adjust it over 80 PSI!**
- 8 Atomization air for the spray gun can be adjusted at the gun by means of an air adjusting valve or adding an air regulator kit to the tank.
- 9 Operate spray gun according to the instructions attached with it.



MAINTENANCE CLEANING EQUIPMENT

- 1 Release all pressure air.
- 2 Loosen all the thumb nuts.
- 3 Loosen air cap retaining ring on spray gun about three turns.
- 4 Cup cloth over air cap on the gun and pull trigger.

This will force material back into the tank.

- 5 Empty the tank. Then, clean it and all the parts which come in contact with material, with a suitable solvent.
- 6 Pour clean solvent into the tank.
- 7 Replace the lid and tighten all the thumb nuts.
- 8 Spray until clean solvent appears.
- 9 Repeat steps 1-4 in order to force the solvent back to the tank.



TROUBLE SHOOTING

PROBLEM	CAUSE	REMEDY
Indicator on air pressure gauge is out of function	Broken or damaged	Replace
Fluid or air leak out From lid gasket	Defective lid gasket or thumb nuts do not be tighten enough	Replace or tighten
Air leak out from release cock after being screwed	The O-ring in it maybe damaged	Replace

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