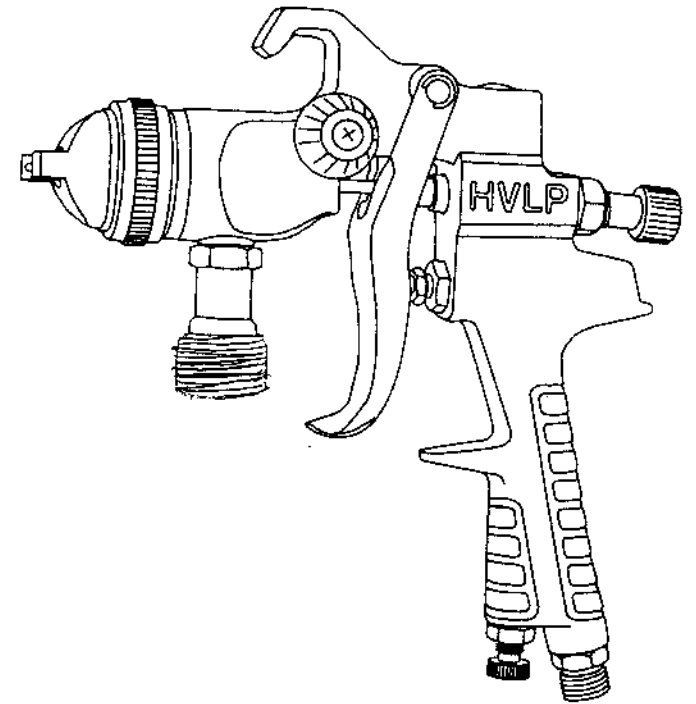
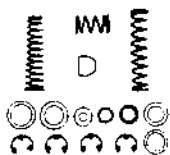


HIGH VOLUME LOW PRESSURE
894 / HVLP - P



PARTS LIST

Hem No.	Description	Hem No.	Description
1	Air Nozzle		
2	Ring		
3	Brass Cap		
4	Fluid Nozzle		
5	Pacing screw for Paint Needle		
6	Teflon Seal		
7	Washer		
8	Spring		
9	Brass Ring(Clock Wise To Open)		
10	Gasket	34	Screw
11	Connector for Cup	35	O Ring
12	Gun Body	36	Nut
13	Screw	37	Stem
13A	Air Valve Ass'y	38	Teflon Seal
13C	Teflon seal	39	Air Adjusting Valve Ass'y
13D	Body	40	Spanner
13E	P. C. seal	40A	Spanner Pin
13F	Valve	41	Spanner Grip
13G	Valve	42	Brush
13H	Spring		
14	Washer		
14A	Spray Regulating Screw		
14B	Spray Regulating Nut		
14C	O-Ring		
15	Control Knob		
15A	Countersunk Screw		
16	Paint Needle-Complete		
17	Spring for Paint Needle		
18	Washer		
19	Housing		
20	Fluid control Knob		
21	Screw		
22	Pin		
23	Trigger		
24	Air Connection Piece 1/4" BSP		



ACC - R - 894 Repair Kit for spray gun
 PARTS NO:06 07 08 13C 13E
 13H 14×4 14C 17 18×2 35



KIT - 94H Nozzle set (1.0mm 1.4mm 1.7mm
 2.0mm 2.3mm)

2. Adjustment of the jet width

To adjust jet width, rotate the stepless adjuster. The spray pattern can be altered from flat to round spray as required.

3. Air quantity control

To set the air to material ratio, adjust the stepless air micrometer. While gun is in operation, never dismantle hollow screw for removal of micrometer by hexagon socket screw key.

4. Exchange of nozzle set

When changing to another nozzle size, make sure that the complete nozzle set is exchanged. A set comprises of air cap, paint needle and paint nozzle. Insert paint nozzle before putting in paint needle.

5. Exchange of the self tensioning sealings

The needle seal is effected by a teflon seal and a needle packing with self-tensioning compression spring. To change the packing please use the socket spanner provided.

6. Cleaning and gun care

- Flush gun thoroughly with solvent.
- Clean air nozzle with brush. Do not place the gun into solvent.
- Clogged holes should never be cleaned with improper objects, as the smallest amount of damage may badly influence the spray pattern.
- Slightly oil movable parts.

7. Internal nozzle pressure

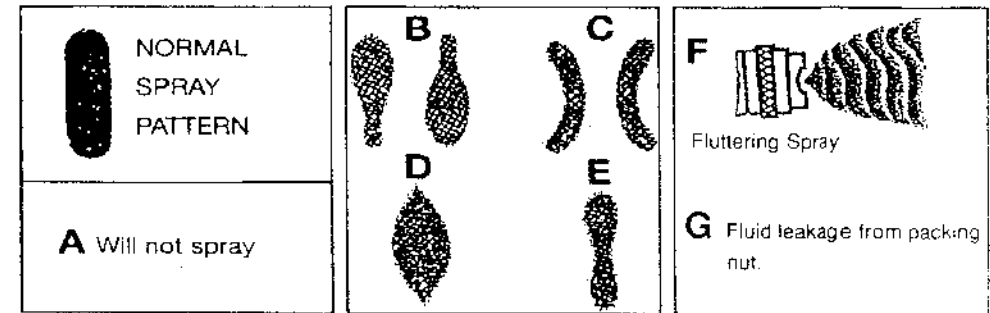
a) At an entrance pressure of 43 psi and more at the air inlet, the internal nozzle pressure exceeds 10 psi.

Model	Feed Type	Nozzle Set (mm)	Air Pressure	Capacity of Cup. ℓ	K W
			kg/cm ² (Psi)		HP
894 HVLP	Suction	φ 1.4	2~3.5	1.0	0.75~1.5
		φ 1.7			
		φ 2.0	(30~45)		1-2
		φ 2.3			
894 -P	Pressure	φ 1.0	2~3.5	2.0	0.75~1.5
			(30~45)		

Weight	Air	Fluid	Air Consu	Approx	Remark
kg	Inlet	Inlet	-Mption	Material	Rev
			L/min(CFM)	Flow	
1.4	1/4 ^{DS} NPS	3/8 ^{PS} NPS	457	100	Max Pressure
			(16)	190	At The Head
2.3	1/4 ^{DS} NPS	3/8 ^{PS} NPS	420	200	Jark Pressure
			(14.7)	240	0.2psi 0.6psi

TROUBLE SHOOTING

CONDITION



Condition	Cause	Correction
A	1. No pressure at gun	1. Check air lines
	2. Fluid adjusting screw not properly adjusted	2. Adjust, see operation
	3. Gun or cup material passages blocked	3. Clean
B-C	1. Material build up on air cap	1. Clean cap/tip
	2. Worn or damaged gasket (5)	2. replace gasket
D-E	1. Incorrect material flow or viscosity	1. adjust viscosity or flow
F	1. Insufficient material in cup	1. Fill cup
	2. Gun or cup material passage blocked	2. Clean
	3. Worn packing or loose packing nut	3. Replace or tighten
	4. Damaged or loose fluid tip	4. Replace or tighten
G	1. Packing nut loose, packing dry	1. Tighten or lubricate
	2. Worn needle	2. Replace