

USE AND MAINTENANCE MANUAL



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10 GAL. AIR AGITATED TANK

AOM SPRAY EQUIPMENT
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USA - 10 GAL TANK

Cert. -04985-99-AQ-MIL-SINCERT

Dear Customer,

Thank you for choosing one of the **AOM Spray Equipment** products. This pressure tank is equipped with a air powered agitator, twin air pressure regulators (for fluid and air to gun), a safety valve, an air release valve, and is on wheels for ease of movement. All components are manufactured with the finest materials and strictly inspected prior to assembly and also after assembly. This versatile tank will enable you to carry out most any job with professional results.

CAUTION:

This tank is not designed for highly abrasive, corrosive, or rust inducing materials. If spraying these materials, change the lid gasket in advance, also frequent and thorough cleaning is advised. **Exceeding the maximum tank pressure of 80 psi could result in explosion.**

OPERATING:

Loosen thumb nut and swing bolt, then remove lid assembly. Pour material into the tank. Replace lid assembly and tighten securely. Connect the air supply hose to the air inlet, preferably through a transformer to filter air and remove water and oil. Connect the atomization air hose to the air outlet. Connect the material hose to the fluid outlet (note there are 2 fluid outlets for multiple gun applications, 1 is capped). Turn on the air supply, turn the tank pressure regulator clock-wise to gain working pressure usually at about 10 to 15 psi, but not over 80 psi. Adjust the air agitator control part # 35 so that the coating is properly agitated but not too high to cause air bubbles. Turn the gun air regulator as required by your gun.

CLEANING:

Turn air valve off. Release all pressure air by turning the air release valve (part #8) counter-clockwise. Loosen all thumb nuts. Loosen air cap retaining ring on gun. Cup a cloth over the aircap on the gun and pull the trigger to force material from gun and hose back into the tank. Empty the tank and clean all parts with a suitable solvent. Pour clean solvent into the tank. Replace the lid and tighten. Lower air agitator pressure so agitator turns slower. Turn air valve to tank on and trigger gun (with air to gun off) until solvent flow appears clear. Replave cover loosely for storage Never allow solvent to remain in tank for storage as vapors can damage gasket.

Parts List

<u>ITEM #</u>	<u>DESCRIPTION</u>	<u>QUANTITY</u>
1.)65-0075	Main body	1
2.)65-0076	S/S Inner Tank Liner	1
3.)65-0616	Gasket	1
4.)65-0051	Lid Assembly	1
5.)65-0065	Bottom Mounted Pressure gauge	1
6.)65-0053	Parts Guard	1
7.)65-0030	Hexagon nut	2
8.)65-0005	Release Valve	1
9.)with #8	O - ring	1
10.)with #8	Adapter	1
11.)65-0018	Air motor	1
12.)65-0019	Noise eliminator	1
13.)65-0020	Cotter pin	1
14.)65-0026	Hexagon nut	3
15.)with # 14	Screw	3
16.)65-0057	Cap screw	1
17.)65-0058	O - ring	1
18.)65-0021	Set screw	1
19.)65-0022	Connection Bushing	1
20.)65-0073	Centering guide	1
21.)65-0024	Seal (Leather Seals)	5
22.)65-0074	Motor base	1
23.)65-0028	Seal ring	1
24.)65-0004	Safety valve shell	1
25.)with #24	Spring	1
26.)with #24	Needle rod	1
27.)with #24	Steel ball	1
28.)with #24	Hexagon nut	1
29.)with #24	Adapter	1
30-1,30-2.)65-0042	Material outlet valve(One Capped)	2
31.)65-0062	Material outlet adapter	1
32.)65-0038	Air hose	1
33.)65-0031	Nut	2
34.)with #33	Adapter	2
35.)65-0035	Air valve	1
36.)65-0036	Elbow(air inlet)	1
37.)65-0041	Air outlet Valve	1
38.)with #37	Air outlet	1
39.)with #37	Nut	1
40.)65-0039	Four-way block	1
41.)65-0041	Air inlet Valve	1
42.)65-0066	Pressure regulator	1
43.)65-0530	Adapter	1
44.)65-0077	Agitating rod	1
45.)65-0043	Hexagon nut	1
46.)65-0046	Agitating propeller	2
47.)with #46	Screw bolt	2
48.)65-0013	Swing bolt	4
49.)with #48	Washer	4
50.)with #48	Thumb nut	4
51.)65-0008	Hexagon nut	4
52.)with #51	Washer	4
53.)with #51	Moving wheel	4
54.)65-0012	C - snap ring	8
55.)with #54	Pin	4
56.)65-0078	Fluid tube	1
57.)65-0070	Filter Assembly	1
58.)with #57	Filter base	1
59.)with #57 (65-0084)	Material filter (can be bought alone.)	1
60.)with #57	Snap ring	1
61.)65-0015	Wrench	1
62.)65-0072	O - ring	2
63.)65-0532	Air flow guide	1
64.)65-0079	Aluminum-washer	1
65.)65-0081	Swivel Union for 2nd Reg. (Not Shown)	1
66.)65-0066	Second Regulator (Not Shown)	1
67.)65-0068	Second Rear Mounted Gauge (Not Shown)	1
68.)WLL3118	Replacement Liners (Not Shown)	1
69.)65-0085	2nd Regulator for Gun Pressure, Complete with Fittings (Items #37,65,66,67) (Not Shown)	1

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