

airofog[®]
USA



603-000-010

***Benjamin Aerosol
Manual***

Safety & Maintenance

Benjamin Aerosol systems referred to in this document are designed for use by qualified and experienced personnel. Please read this instruction thoroughly before usage.

Safety Measurements

- BAS and chargers are pressure vessels which require particular attention and care
- Use only BAS OEM parts
- Do not make any modifications or repairs to the BAS by yourself
- Never use the BAS if it is damaged. Always send BAS for a safety check if it is struck hard or falls to the floor
- Do not spray into electrical outlets or cable boxes
- When using the metal extension close to outlets; pay attention to avoid electric shock
- Wear personal protective equipment (PPE) when handling dangerous substances
- Always send the complete BAS unit when sending for repair
- Keep instructions manual; if BAS is transferred to a new owner give them the manual too
- The charging inlet of BAS must be in upright position while charging
- Open BAS only after all pressure has escaped
- To release pressure, hold trigger down to let aerosol escape
- Do not expose BAS to heat (stoves, sun, etc.)
- Only use clean water for cleaning. do not use sharp objects or abrasives when cleaning
- Do not use water above 107°F to soak plastic cap
- Do not store BAS while pressurized

Caution



It is the operator's responsibility to ensure the safe use of the sprayer and that they're fully compliant with national or local regulations governing compression sprayer and applications of pesticides.



AIROFOG USA is not liable for damages that has occurred due to improper use/repair/maintenance, the use of non-recommended or non OEM parts, and acceptance of damaged/broken sprayers for any reason.



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More Safety & Maintenance

Charger Warnings

- Keep cool and dry; do not heat; keep out of direct sunlight and temperatures above 122°F
- Cartridge is under pressure
- Never dispose of full cartridge
- Never use excessive force when working with pressurized cartridges
- Only use soluble solutions
- Insoluble substances may cause the nozzle to clog or impair the performance of the BAS
- If storing for an extended period of time, slightly loosen the bottle cap from the bottle to prevent pressure build up.

Non-threaded cartridge (charger)



	Dimensions (8g)	Dimensions (12g)
Overall Length (A):	2.6 in	3.3 in
Body Diameter (B):	.07 in	.07 in
Neck Diameter (C):	.03 in	.03 in

Airofog Guarantee

Airofog USA guarantees the Benjamin Aerosol System to be free of defects in materials and workmanship to the original purchaser for a period of one(1) year on labor and parts which are not subject to usual wear. During this period, AIROFOG USA will replace and/or repair the parts and manufacturer faults on the exclusive judgment of our technical department free of charge.

Shipping and dispatch of defect equipment will be at original purchaser's expense

Guarantee does not cover damages occurred during transport or by incorrect handling, tampering, use, or the use of non-recommended products and so on.

Under no circumstances will AIROFOG USA be liable for damages due to improper use or application.

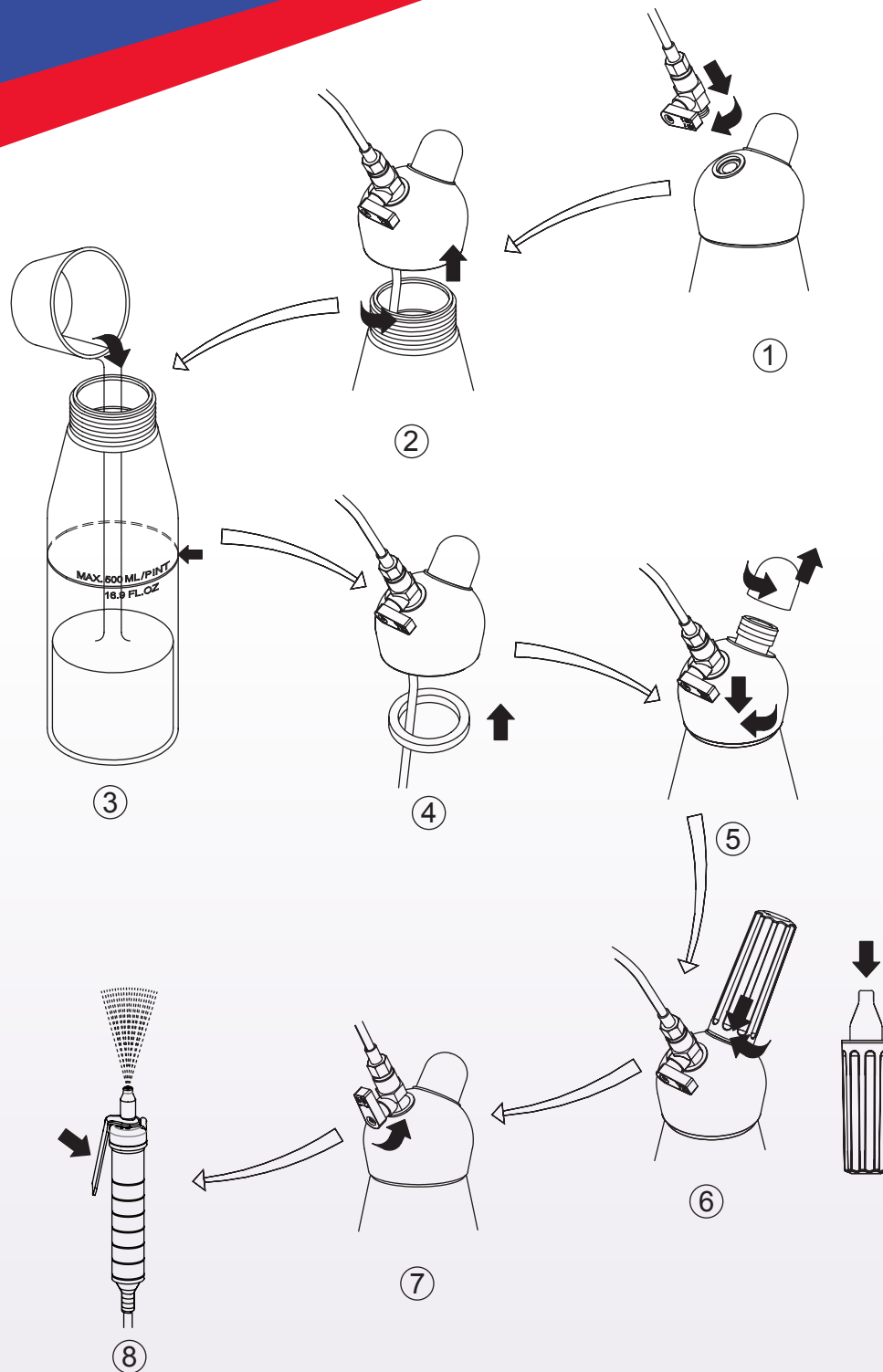
Under no circumstances will AIROFOG USA be responsible for damages to any persons or property.



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Operation



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Instructions

Operation

1. When using BAS for the first time or if it has not been used in a while, check all parts are in good condition (fig.1)
2. Unscrew bottle cap and make sure ball valve is in the close position (fig.2)
3. Fill in solution
Never fill solution past the fill line (fig.3)
4. Place gasket inside the bottle cap and screw the bottle cap on evenly and tightly (fig.4). Then unscrew the protective cap (fig.5)
5. Insert charger (8g or 12g) into charger holder (fig.6)
6. Screw charger holder onto the inlet valve unit, the charger content will be released into the BAS bottle with a hissing sound.

Each filling uses one 8g or maximum 12g charger

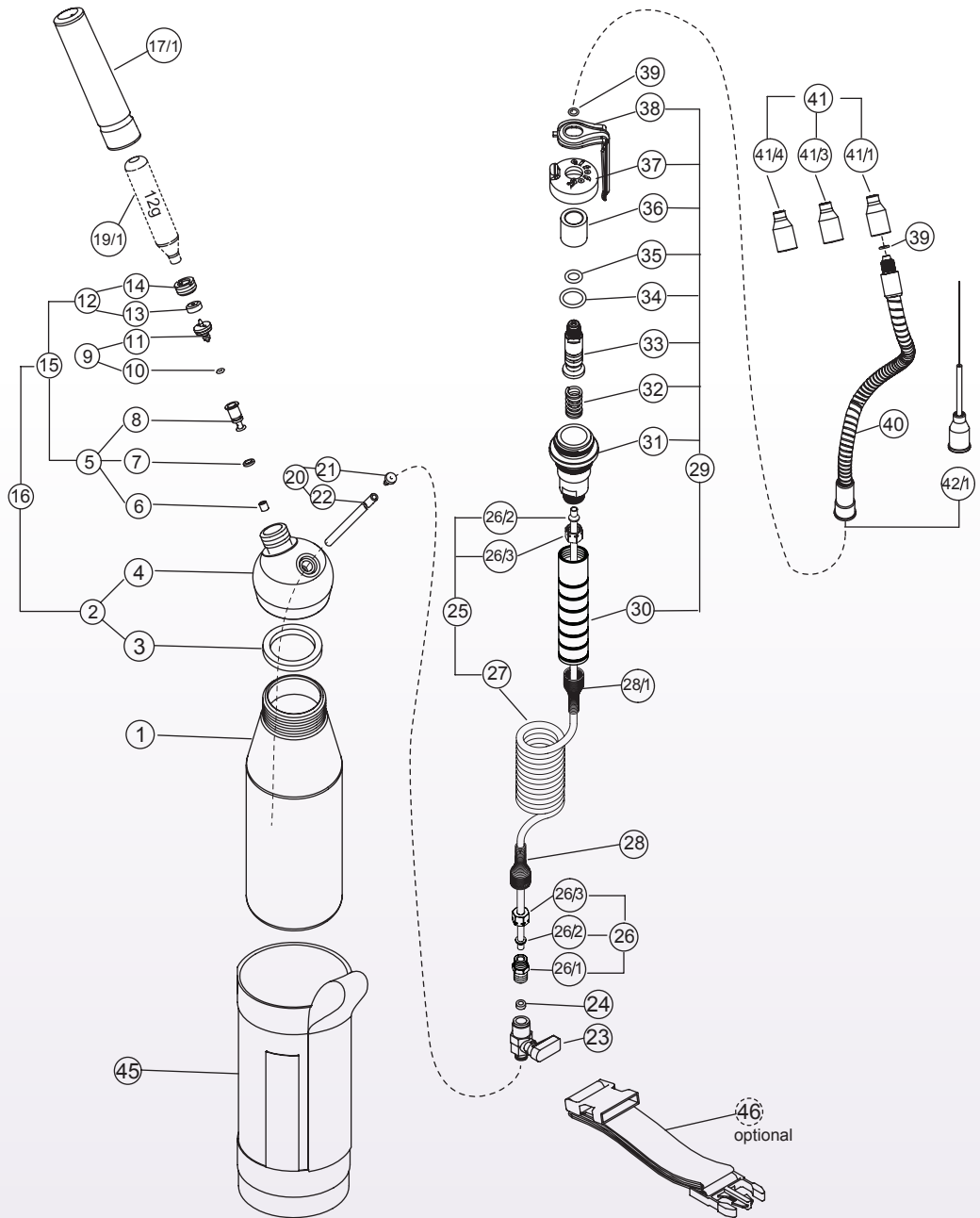
7. Unscrew the charger holder and charger. (while unscrewing; a light hissing sound is normal). Remove and discard the empty charger. Empty chargers can be recycled.
8. Screw in the protective cap and open the ball valve (fig.7)
9. Hold BAS upright and press trigger to spray



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Benjamin Aerosol Assembly



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Benjamin Aerosol Parts List

Pos.	Part no.	Description
1	603-001-000	Bottle
2	603-002-000	Cap with gasket
3	603-003-000	Gasket
4	603-004-000	Bottle cap
5	603-005-000	Check valve assembly
6	603-006-000	Tube
7	603-007-000	Seal
8	603-008-000	Check valve seat
9	603-009-000	Inlet valve assembly (10,11)
10	603-010-000	O-ring
11	603-011-000	Inlet valve
12	603-012-000	Locking nut set (13,14)
13	603-013-000	Seal
14	603-014-000	Locking nut
15	603-015-000	Inlet valve assembly
16	603-016-000	Bottle cap cpl.
17/1	603-017-010	Cartridge holder 12g
18	603-018-000	Protective cap
19/1	603-019-010	Cartridge 12g
20	605-022-010	Supply tube
23	601-003-000	Ball valve G 1/8"
24	505-002-020	Gasket
26	601-004-010	Hose adapter assembly
26/1	601-004-011	Adapter

Service kits

25	604-025-100	Hose replacement kits (Pos: 26/2x2, 26/3x2,27)
	605-025-100	Cap/Inlet valve service kit (Pos: 3, 5, 10, 13, 20, 24)
	603-023-000	Flexi-valve service kit (Pos: 34, 35x2, 39x3)

Pos.	Part no.	Description
26/2	601-004-012	Cutting ring
26/3	601-004-013	Nut
27	601-004-130	Blue Coiled hose
28	601-004-040	Hose holder spring
28/1	603-004-040	Hose holder spring
29	601-007-000	Flexi-valve assembly (30-38)
30	601-007-010	Valve handle
31	601-007-020	Valve body
32	505-003-014	Spring
33	601-007-040	Seat
34	601-007-060	Viton o-ring
35	935-041-000	Viton o-ring
36	601-007-070	Seat sleeve
37	601-007-090	Valve cup
38	601-007-080	Trigger
39	601-007-100	Viton o-ring
40	601-008-010	Spiral wand extension
41	601-009-000	Aerosol nozzle set (41/1, 41/3, 41/4)
41/1	601-009-030	White aerosol nozzle (optional)
41/3	601-009-050	Blue aerosol nozzle
41/4	601-009-070	Red aerosol nozzle (optional)
42/1	604-010-012	C&C Extension 4.7 in
45	603-020-010	Airofog carrying pouch
46	601-023-200	Belt (optional)



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