

Troubleshooting Tips

Problem	Possible Cause	Corrective Action
Unit will not operate	Battery wires connected backwards at battery	Check wires at battery
	Weak battery	Recharge Battery
	Poor wiring connections	Ensure all wiring connections are tight
Lamp doesn't work	Burnt out Lamp or Lamp is loose	If necessary, replace with Lamp specified

Technical Details of Dyna-Fog 6 V DC Sealed Lead Acid Batteries

Sealed Construction - SLA batteries unique construction and sealing technique guarantee that no electrolyte leakage can occur from the terminals or case of any battery. This feature insures safe, efficient operation of SLA battery in any position.

Electrolyte Suspension System - All SLA batteries utilize an electrolyte suspension system consisting of a glass fiber separator material. This suspension system allows maximum life and service.

Gas Generation - Batteries have a unique design that effectively controls generation of gas and allows recombination within the battery over 99% of gas generated during normal usage.

Maintenance Free Operation - During the expected five years float service life of SLA batteries, there is no need to check the specific gravity of the electrolyte, or add water. In fact, there is no provision for these maintenance functions.

Low Pressure Venting System - SLA batteries are equipped with a safe, low pressure venting system, which operates at 7 psi to 10 psi, designed to release excess gas and reseal automatically in the event that gas pressure rises to a level above the normal rate.

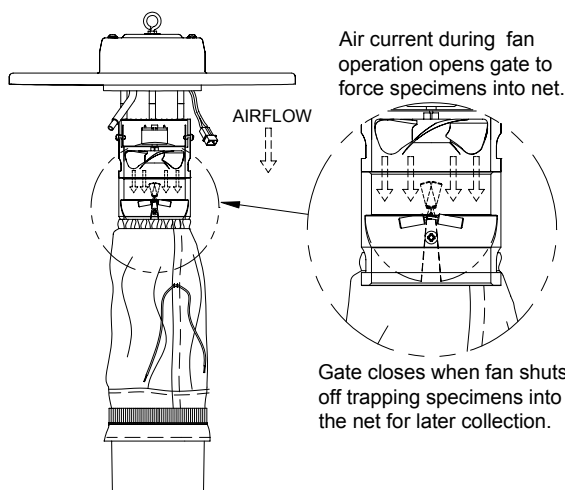
Cyclic Service Life - Depending upon the average depth of discharge, over 1,000 discharge/ recharge cycles can be expected from batteries

Low Self Discharge - At room temperature, its self-discharge rate of SLA batteries is approximately 3% of rated capacity per month.

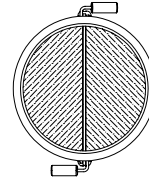
Operating Temperature Range - SLA batteries may be used over a broad range of ambient temperatures.

Optional Sealed Lead Acid Battery Available – Allows extended operation where traps cannot be maintained on a daily basis. Contact Curtis Dyna-Fog for more information.

SELF CLOSING LIGHT TRAP GATE P/N 25115

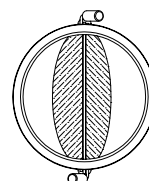


CLOSED GATES



(FAN IS NOT OPERATING)

PARTIAL OPEN GATES



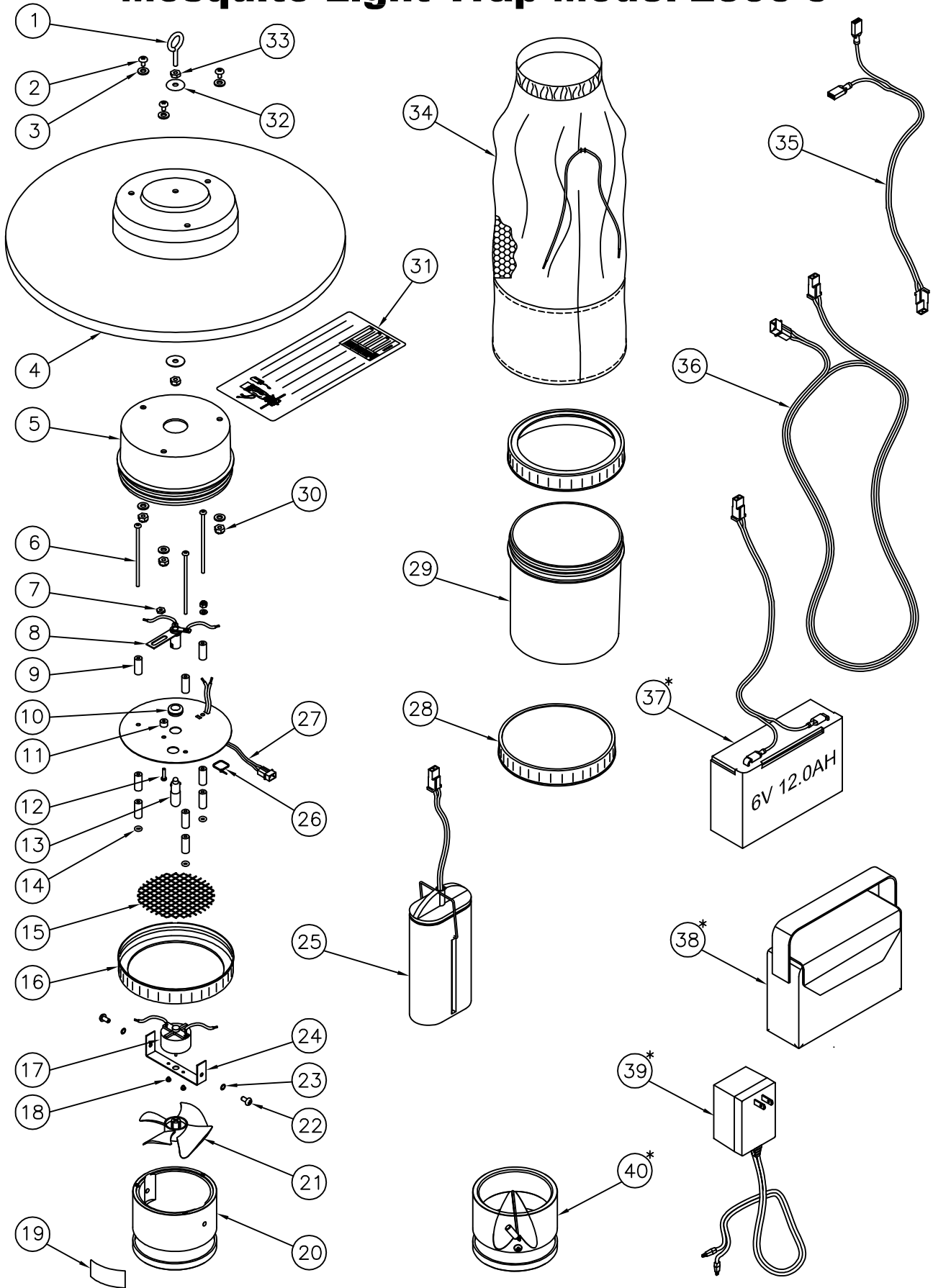
(NORMAL OPERATING POSITION)

Utilizing the optional self-closing gates promotes battery conservation and allows longer time periods of unattended and uncollected light trap specimens without specimen escape.

CURTIS DYNA-FOG self closing gate can be used on any light trap, including the competitors.

After installing self-closing gate, you can set the function switch to position number 3 for battery conservation.

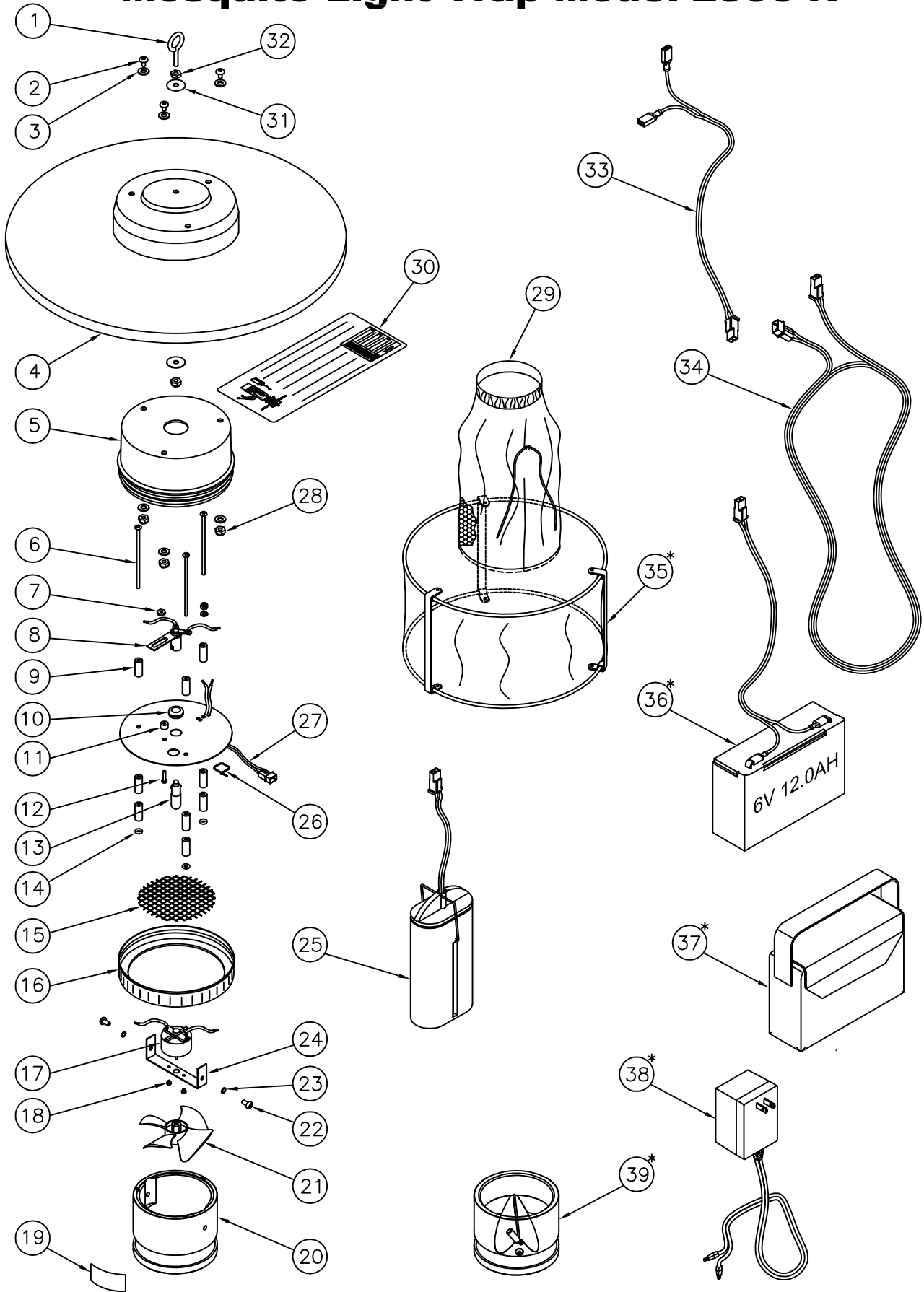
Mosquito Light Trap Model 2506-J



MOSQUITO LIGHT TRAP 25086-6J

<u>ITEM</u>	<u>QTY.</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>
1	1	25180	BOLT, EYE, 10X24 SSTL
2	3	65222	SCREW, 10-24X1/2, PHCR
3	6	65232	WASHER, #10 FLAT, SSTL
4	1	625165-3	SHIELD, RAIN, PLASTIC, BLACK
5	1	25154-3	CONTAINER, WHITE 16OZ
6	3	25190	SCREW, 6-32 X 3, PHCR SS
7	1	65242	NUT, #6, NYLOCK SSTL.
8	1	25052	MOUNT, LAMP, 7-12G
9	9	25059	SPACER (NYLON) #6
10	1	25179	GROMMET, .35 ID.
11	1	25059-1	SPACER, NYLON #6, .31 LENGTH, BLACK
12	1	65228	SCREW, 6-32 x 1/2, PHCR, SSTL
13	1	25171	BULB, #44, MOD.
14	3	10000-6	O-RING
15	1	25160	SCREEN, MESH 4, 3.187" DIA.
16	2	25158-1	CAP, MACHINED
17	1	25195	MOTOR AY.
18	2	25225	SCREW, 6-32X1"
19	1	25101-6	LABEL, LIGHT TRAP, CDC MINIATURE
20	1	25151	HOUSING
21	1	25055-1	FAN (4-BLADE)
22	2	65227	SCREW 8-32 X 1/2, PHCR, S.S.
23	2	10000-7	O-RING
24	1	25161	BRACKET, MOTOR
25	1	25011	HOLDER AY., BATTERY
26	2	20247	TIE, CABLE
27	1	25173	WIRE AY., POWER, MODIFIED
28	1	25158	CAP
29	1	25168	JAR, COLLECTION
30	4	65240	NUT, #10, NYLOCK, SSTL
31	1	25192	LABEL, INSTRUCTIONS
32	1	25181	WASHER, FLAT, #10, SSTL
33	1	25166	NUT, 10X24, SSTL.
34	1	25172	CAGE AY., LIGHT TRAP CATCH
35	1	25123	WIRING HARNESS AY, LIGHT TRAP
36	1	25109	WIRING HARNESS, LIGHT TRAP
37*	1	25121	BATTERY, 6V 12 AH, GH6120 AY (OPTIONAL)
38*	1	39092	BATTERY BAG (OPTIONAL)
39*	1	25126	BATTERY CHARGER (OPTIONAL)
40*	1	25115	GATE (OPTIONAL)

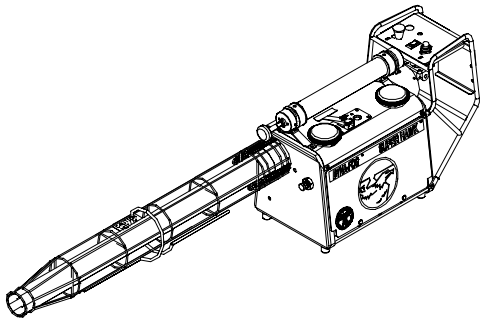
Mosquito Light Trap Model 2506-N



MOSQUITO LIGHT TRAP 25086-6N

<u>ITEM</u>	<u>QTY.</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>
1	1	25180	BOLT, EYE, 10X24 SSTL
2	3	65222	SCREW, 10-24X1/2, PHCR
3	6	65232	WASHER, #10 FLAT, SSTL
4	1	625165-3	SHIELD, RAIN, PLASTIC, BLACK
5	1	25154-3	CONTAINER, WHITE 16OZ
6	3	25190	SCREW, 6-32 X 3, PHCR SS
7	1	65242	NUT, #6, NYLOCK SSTL.
8	1	25052	MOUNT, LAMP, 7-12G
9	9	25059	SPACER (NYLON) #6
10	1	25179	GROMMET, .35 ID.
11	1	25059-1	SPACER, NYLON #6, .31 LENGTH, BLACK
12	1	65228	SCREW, 6-32 x 1/2, PHCR, SSTL
13	1	25171	BULB, #44, MOD.
14	3	10000-6	O-RING
15	1	25160	SCREEN, MESH 4, 3.187" DIA.
16	2	25158-1	CAP, MACHINED
17	1	25195	MOTOR AY.
18	2	25225	SCREW, 6-32X1"
19	1	25101-6	LABEL, LIGHT TRAP, CDC MINIATURE
20	1	25151	HOUSING
21	1	25055-1	FAN (4-BLADE)
22	2	65227	SCREW 8-32 X 1/2, PHCR, S.S.
23	2	10000-7	O-RING
24	1	25161	BRACKET, MOTOR
25	1	25011	HOLDER AY., BATTERY
26	2	20247	TIE, CABLE
27	1	25173	WIRE AY., POWER, MODIFIED
28	4	65240	NUT, #10, NYLOCK, SSTL.
29	1	25092	CAGE AY., CATCHING
30	1	25192	LABEL, INSTRUCTIONS
31	1	25181	WASHER, FLAT, #10, SSTL
32	1	25166	NUT, 10X24, SSTL.
33	1	25123	WIRING HARNESS AY., LIGHT TRAP
34	1	25109	WIRING HARNESS, LIGHT TRAP
35*	3	25106	SPREADER AY., NET
36*	1	25121	BATTERY, 6V 12 AH, GH6120 AY (OPTIONAL)
37*	1	39092	BATTERY BAG (OPTIONAL)
38*	1	25126	BATTERY CHARGER (OPTIONAL)
39*	1	25115	GATE (OPTIONAL)

DYNA-FOG® Offers a complete and wide assortment of aerosol generator systems.



PULSE-JET POWERED THERMAL FOGGERS:

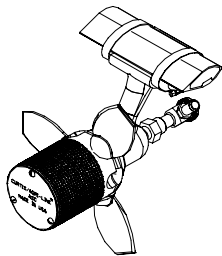
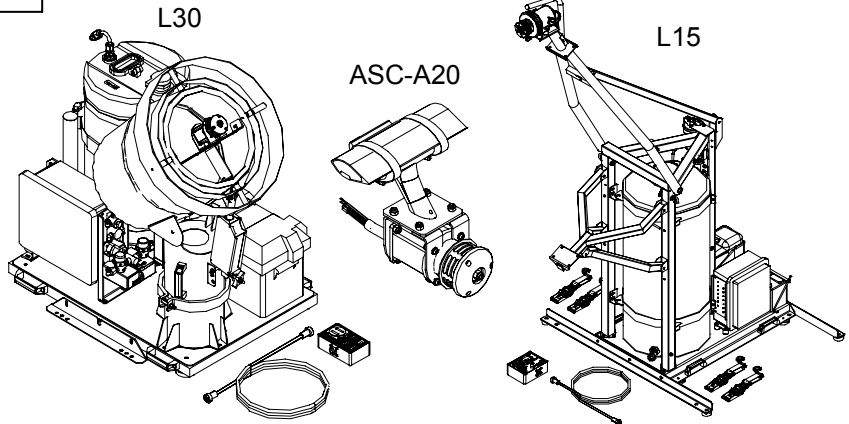
From 0-120 GPH (0-453 LPH) output. Our complete line include different models like the Superhawk, Golden Eagle, Trailblazer, Patriot, Blackhawk, Mister III, Mister Max, SilverCloud and Model 1200. Portable or Truck mounted machines. Different models are available for Oil base or Water base formulations.

ELECTRIC ROTARY ATOMIZERS:

DYNA-JET L30: State of the Art, Electric Rotary Atomizer ULV Aerosol Generator. 12 VDC, Light Weight, Truck mounted Machine with FMI pump. Optional Radar Syncroflow.

DYNA-JET L15: Drift Sprayer for migratory pest control like Locust. Flow Rate from 0 to 2000 ml/min. Optional Radar Syncroflow.

ASC-A20: State of the Art, Electric Rotary Atomizer, for use on Fixed Wing and Rotary Wing aircraft.

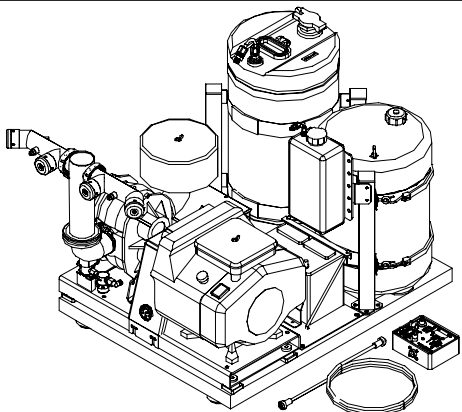
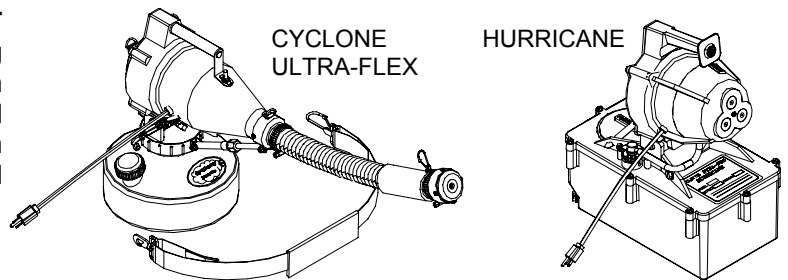


WIND DRIVEN ROTARY ATOMIZERS:

The ASC-A10 is a wind driven atomizer designed for Fixed Wing aircraft. The rotational speed of the atomizer controls the droplet size and can be adjusted by changing the angle of the blades. Also available is the ASC-A10H for Rotary Wing application. No other Rotary atomizer for aircraft can handle the amount of Flow rate as the ASC Atomizer.

Several accessories are available to meet your requirements. Also available in 12 or 24 VDC, see rotary atomizers above model ASC-A20.

ELECTRIC HAND-HELD ULV/MIST GENERATORS: Full line of electric cold fog applicators with 1 Gal (3.8 L) tank, available in 115 and 230 VAC. An Electric Thermal version is available. For bigger Formulation capacity we have some models with 3 Gal (11.4 L) tank.



COMBUSTION ENGINE DRIVEN ULV AEROSOL GENERATORS:

Truck mounted Units powered by 8, 9, 11 or 18 HP four cycle, OHV Gasoline Engine. Diesel version available. One, two or four nozzles. Optional full remote control of boom functions (rotation of turntable and angle of nozzles).

Diversity of pumping systems, Gear, Piston and Diaphragm. Pressurized system available for overseas market.

Optional Radar Syncroflow.

40 cc Two cycle portable machines also available.

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www.dynafog.com

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