

FLOWZONE® VORTEX® MIST BLOWER

TECHNICAL DATA SALES SHEET

GIVE TECHNICIANS AND CUSTOMERS PEACE OF MIND!

Join the movement to battery powered! Quieter, easier to use, easier to maintain, and better for the environment...it's a no-brainer!

With the Vortex® battery-powered mist blower, there is no need to pull start the machine, teach technicians how to mix gas and oil, store a hot machine in the truck, or tune up the carburetor.

Plus, there is no more cost of gas or fill-up time. That's why we say, "Pass on the Gas™!"



*shown in "Eco" Mode position

1 POWERFUL BLOW FORCE

Powered by a high-efficiency 600W axial fan and motor, the Vortex® can spray with a blow force of **450 ft³/minute on "Boost" Mode**. Use Boost Mode for high or far away targets to blow mist with power up to 30 feet.

"Eco" Mode can be used for closer targets and sprays at 60% power for a blow force of **270 ft³/minute**. "Eco" Mode conserves battery power and allows technicians to spray for a longer time without recharging.

Using the provided 40V / 8Ah Li-Ion Battery (FZRAOL):

"BOOST" Mode = 25 minutes

"ECO" Mode = 60 minutes

Available accessory 40V / 12Ah Li-Ion Battery (FZRAOL):

"BOOST" Mode = 40 minutes

"ECO" Mode = 100 minutes



Tri-Zone™ 42V / 5A Battery Charger (FZRAPS)



Tri-Zone™ 40V / 8Ah Lithium Ion Battery Pack (FZRAOL)

2 CONTROLLED DROPLET SIZE AND FLOW RATE

With a **5-setting flow-control knob** at the end of the front duct assembly, technicians can easily control the desired flow rate and droplet size for their given application. Instead of being gravity fed, the Vortex™ Mist Blower uses a diaphragm pump to deliver liquid to the end of the blow tube. For mosquito applications, **smaller droplet sizes (position 3 or 4) are desirable** to more easily adhere the insecticide to the bottom of leaves.



Flow Control Setting	1	2	3	4	0
Flow Rate (gpm)	0.09	0.16	0.22	0.26	Shutoff



3 BATTERY POWERED MEANS "EASY TO USE"

When it comes to battery-powered versus gas-powered mist blowers, the choice is clear: **battery-powered misters make applications more consistent and efficient.**

- No gasoline fill-up time or gasoline cost
- No transporting a flammable substance
- No teaching technicians to mix gas & oil correctly
- No continuous need to start or stop the machine
- No storing hot unit in the vehicle or trailer
- No need to tune unit every couple of months
- No more carburetor / messy wiring / components to repair
- Easier to mix chemicals with removable tank
- Lighter than gas-powered blowers
 - Vortex[®] 2.5 gallon mist blower = 19 lbs dry / 39 lbs fully loaded



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4 REMOVABLE / SWAPPABLE TANK

Easily switch between tanks with the all new swappable tank technology from FlowZone[®]. Available in **2.5-gallon** (part number FZAAPM) and **4-gallon** (part number FZAAPN) tank capacities, the Vortex[®] mist blower tank system allows the user to remove the tank from the mist blower and fill up liquid with ease.

Plus, technicians can **pre-fill multiple tanks** and store on the vehicle before leaving the shop so they do not have to mix chemicals in the field. This adds to further operator efficiency and reduce time at the spray site.



2.5-gallon tank (FZAAPM)

4-gallon tank (FZAAPN)

5 REDUCED NOISE POLLUTION

The battery-powered Vortex[™] mist blower measures **70 decibels when measured 50 feet away** from the unit. Compare this sound level to 80 decibels for gas powered mist blowers.

70 decibels is equivalent to the noise level of riding in a passenger vehicle at 60 miles per hour on the highway. With **every 3 decibel points being a perceived doubling of sound**, 80 decibels is much louder and disturbing to the surrounding neighborhood or businesses in the treatment area.

Operators can not only market the use of a battery-powered mist blower as eco-friendly, but **noise friendly**. This is especially helpful in areas with noise ordinances.

