

Vectra-Jet 7505



DESIGNED FOR SANITIZING AND DISINFECTING

The Vectra-Jet™ 7505 fogger can apply a thin (or thick) layer of chemical to control undesirable microorganisms in clean rooms, packaging lines, storage areas, emergency vehicles, shipping containers and the like.

The machine pulls chemical solution from a 1-gallon reservoir and discharges it as a fog of fine droplets. The powerful discharge carries the fog plume a distance of 25-40 ft and creates eddies that spread it laterally.

Droplet size is adjustable down to very small droplets that tend to float until they hit something. Small droplets can penetrate cracks and crevices, and reach the undersides of furniture and equipment. However, if a room is crowded, you may have to fog from several angles to achieve full coverage. It's always a good idea to test your treatment strategy using sample placques

You can carry the Vectra-Jet by hand, place it on a table or stool, or mount it on a turntable. The Fogmaster 6100 turntable rotates at 3 rpm and helps distribute fog uniformly in larger rooms.

For unattended operation, the 7505 can be controlled by a timer. Use your own, or select one of ours, including the 7304 wind-up timer (1-60 minutes); the 2238 repeat cycle timer (1-100 minutes intermittent ON and OFF cycles); and the 2239 programmable timer (7 day clock, individual fog events and intermittent ON/OFF).

The Vectra-Jet uses corrosion resistant materials for wetted components: stainless steel (for fittings, valve and liquid reservoir), Viton® tubing and Celcon® polymer (for nozzle components).

A high efficiency filter protects the air-cooled motor trapping suspended chemical droplets in the intake air. The filter element is easily replaced by unscrewing the back plate.

Specifications - see over.



Always read and follow instructions on the label of chemical you are using.

SPECIFICATIONS – MODEL 7505

Nozzle Technology	Counter-rotating vortex design. High turbulence in the nozzle shears the feed liquid into small droplets. This “cold” fogging technology does not require high heat or high pressure. The nozzle has no small orifices and is not susceptible to plugging.	Motor	1 Hp, 120VAC, 8 amp [750510]; 1 Hp, 240VAC, 4 amp [750520]
Droplet Size, VMD	Average droplet size is determined by the liquid flow rate. Typical droplet size (volumetric mean diameter) is less than 7 μ at 2 oz [60 cc] per min and about 30 μ at maximum flow. Liquid surface tension and density also affect droplet size.	EMI compatibility	Compliance with CISPR 14-1:2001 and CISPR 14-2:2001 for use in sensitive locations.
Control Valve	Nine turn vernier w/ memory lock. Glass filled epoxy, type 304 stainless steel stem, Viton® seals.	Blower	Two stage balanced fan, 20,000 rpm (no load).
Output Rate	Maximum flow (water) is 8 oz [240 cc] per min. Flow may be higher for low density or low viscosity liquids.	Intake Filter	High efficiency intake filter (99.997% removal of particulates 5 μ or larger) mounts onto rear housing. Replaceable donut style, polyester media.
Chemicals	The Vectra-Jet fogger can atomize both oil-based and water-based liquids. Not compatible with highly flammable liquids ; arcing by open frame motor may cause ignition.	Accessories	7505 is compatible with 6100 turntable and with all Fogmaster timers.
Fog Distance	Visible fog, 35-40 ft [13 m] (Oil, full flow condition). Fog plume may appear shorter when applying water-based liquids because fog droplets tend to evaporate.	Materials	Power head housing - aluminum Tank - 304 stainless steel Fittings - 304 stainless steel Flow control valve - see above Tank gasket - Buna N (nitrile) Tubing - Viton polymer Nozzle - Celcon acetyl copolymer.
		Liquid Capacity	1 gal [4 liters].
		Dimensions	LxHxDia: 12.5 x 15.4 x 8.6 in [32 x 39 x 22 cm] Dimensions include filter in position.
		Shipping Weight	13 lb. [5.9 kg].
		Warranty	One year limited warranty.