



VENTURI AIR SPRAYERS

Produces Fog-Sized Droplets to Increase Total Plant Coverage

Model P55EI shown



This sprayer has special tall tree cannons that will give complete coverage on trees up to 50 feet in height. The unit was designed for spraying walnuts, avocados, and other tall tree orchards. The sprayer is also excellent for applying foliar feed.



This unique sprayer was designed to produce a curtain of fog sized spray up to 90 feet. Our *Venturi Air Sprayers* feature the latest technology in concentrate spraying. Thus users achieve the following benefits: spray atomization of spray droplets are smaller and more uniform, less fill-ups, even distribution of concentrated spray, complete coverage, better product utilization and less chemical waste and soil/water contamination.

The cannon sprayers have many different applications such as row crop growers who have limited access to many of the rows or just lowering spraying costs by covering wide swaths. Nurseries find the sprayer very effective for the same reasons. Dairies and feedlots find that these sprayers are a low cost way to control flies and other insects.



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SPRAYER FEATURES:

- 3-Point hitch, 540 RPM PTO
- Molded polyethylene tank
- Available in 100 or 150 gallon
- High performance, precision balanced all steel centrifugal fan
- Translucent heavy walled spray tank with lids, sump and strainer basket
- Built-in overrunning clutch to protect tractor and sprayer
- Compact, rounded tank design permits traveling through vegetation without damage
- Simple, efficient "Dial-A-Rate", 15 position metering disc
- Agitation by liquid sparging tube and air from fan
- Low pressure spraying system - 15 to 40 PSI spraying pressure means less maintenance for pumps and nozzles
- Power band fan speed-up is automatically adjusted by spring loaded idler
- Separate safety clean water 6 gallon tank for hand washing
- Electro-valve controls to operate on and off of spray, P55 only
- Optional electro-valve controls for P45 & P50

SPRAY HEAD FEATURES:

- Horizontal cannons are available in high or low position (High position shown)
- Produces fog size spray droplets
- Pivots manually 180 degrees
- Optional electric swivel 180 degrees from tractor seat

SPECIFICATIONS:

MODEL NO.	SPRAY DISTANCE	GALLONS	VOLUME OF AIR	WIDTH	H.P. REQ'D	WT.
P45N1-400-G	50 feet	100 Gallons	3180 C.F.M.	44"	32 H.P.	455#
P50S1-600-G	70 feet	150 Gallons	4885 C.F.M.	57"	52 H.P.	540#
P55E1-600-G	90 feet	150 Gallons	9123 C.F.M.	57"	70 H.P.	550#



Low pressure centrifugal pump made of anti-corrosive materials requires little maintenance



Power band fan speed up system with built-in overrunning clutch



Rotating yellow calibration discs, adjusts easily to provide accurate and constant regulation of application



Shower head is built into the main strainer basket to easily put wettable powders into suspension



Electro valve controls to operate on, off, left, and right spraying - P55 only



Large 3" dia. glycerin filled gauge, easy to see from tractor seat

Specifications Subject To Change Without Notice

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