

VENTURI SPRAYERS



Venturi Nozzle Metering Valves



Pressure Regulator Valve with Manual Controls

NPV SERIES

- Tanks are made of reinforced polyethylene with smooth lines that are gentle on plants
- Low maintenance 35 GPM centrifugal pump
- One speed gearbox with neutral
- High performance 15" aluminum turbine fan
- Pressure regulator valve with manual controls
- Powder coated tank frame and fan support
- Clean water tank for flushing chemical residue
- High pressure jet agitation
- Large suction filter with shut-off valve
- 8 nozzle Venturi distribution head
- Application rates of 20 to 200 gallons per acre
- Clean water tank for hand washing
- Low pressure spraying results in less maintenance

Our **COMPACT VENTURI SPRAYERS** feature the latest technology in low volume spraying. This method results in considerable savings in time due to the reduction in the quantity of water required, which results in fewer fill ups and will spray 2 to 4 times longer than air blast sprayers of the same tank size. Venturi distribution heads produce 50 micron fog size droplets which adhere to the plant surface and deposit the chemical on the foliage instead of dripping and running off on the ground. Nozzles adjust to direct spray only on the crop which results in less chemical waste and soil or water contamination.

MODELS	CAPACITY	HITCH	WIDTH	HEIGHT	DEPTH	WEIGHT
NPV300	75 Gallons	Cat. 1	36"	35"	59"	300
NPV400	100 Gallons	Cat. 1 & 2	48"	45"	59"	375
NPV500	125 Gallons	Cat. 1 & 2	48"	52"	59"	440

MODELS	CAPACITY	PUMP GPM	PSI	VELOCITY / MPH	NOZZLES	HP REQ'D
NPV300	75 Gallons	35	28 - 70	125	8	20 - 25
NPV400	100 Gallons	35	28 - 70	125	8	30 - 40
NPV500	125 Gallons	35	28 - 70	125	8	40 - 50

Specifications subject to change without notice

Innovative, Rugged & Labor Saving Attachments

www.rankinequipment.com

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SPRAYERS

**5 IN 1 • COMPACT AIRBLAST
COMPACT VENTURI**



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5 IN 1 SPRAYERS



HANDGUN & HOSE

HORIZONTAL BOOM

BERM BOOMS



VERTICAL BOOMS

AIRBLAST FAN

GDL SERIES

- Mounting rails for various attachments
- High pressure 3 piston diaphragm pump
- High pressure jet agitation
- Large suction filter with shut-off valve
- Reinforced poly tanks with smooth lines
- Pressure regulator valve with manual controls
- 4 gallon clean water tank for hand washing
- Clean water tank for flushing chemical resi-

You will achieve total versatility and economical performance from our line of 3-point hitch sprayers. This is achieved by making available 5 different attachments that simply bolt to the sprayer. The sprayer can be used as an air blast, vertical boom, berm boom, horizontal boom and/or handgun sprayer. The sprayers also feature reinforced polyethylene tanks suspended from a tubular steel frame to isolate the tanks from vibration and stress. Other unique features of the sprayer are the two additional tanks. A hand wash tank for convenience and safety plus a clean water tank for flushing chemical residue from the tank and pump, so that your sprayer is in top condition for its next use. Horizontal Booms available in 10', 14', 20', and 28' sizes.

MODELS	CAPACITY	PUMP GPM / PSI	HITCH	WIDTH	HEIGHT	DEPTH	WEIGHT
GDL200	50 Gallons	11 / 580	Cat. 1	39"	38"	20"	230
GDL400	100 Gallons	14 / 580	Cat. 1 & 2	48"	45"	30"	250
GDL600	150 Gallons	14 / 580	Cat. 1 & 2	48"	52"	30"	290

Specifications subject to change without notice

AIRBLAST SPRAYERS



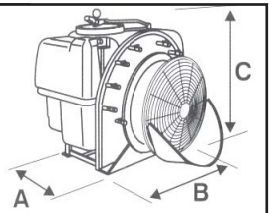
APL SERIES

- Tanks are made of reinforced polyethylene with smooth lines that are gentle on plants
- High pressure piston diaphragm pumps
- One speed gearbox with neutral
- High speed fans with adjustable blades
- Pressure regulator valve with manual controls
- Powder coated steel fan housing for long life
- Clean water 12 gallon tank for flushing chemical residue, 6 gallon on 50 gallon sprayer
- High pressure jet agitation
- Large suction filter with shut-off valve
- Stainless steel manifolds with anti-drip nozzles
- Fan shield to prevent trash pick-up in fan
- Clean water 4 gallon tank for hand washing

Our **COMPACT AIR BLAST SPRAYERS** are ideal for small to medium size vineyards, orchards, berries, etc. The sprayers feature reinforced polyethylene tanks with smooth lines that are gentle on plants. The tanks are suspended from heavy duty tubular steel frames to isolate it from vibration and stress. The gearboxes have a neutral position, which shuts off the fan during handgun or boom work. The sprayers are easy to operate and have all the features required for easy maintenance and long life.

SPECIFICATIONS

MODELS	HITCH	A INCH	B INCH	C INCH
APL200	Cat. 1	36"	39"	38"
APL400	Cat. 1 & 2	46"	48"	45"
APL600	Cat. 1 & 2	46"	48"	52"



MODELS	CAPACITY	FAN	WIDTH	HEIGHT	DEPTH	R.P.M.	C.F.M.	NOZZLES	HP REQ'D	WEIGHT
APL200	50 Gallons	24"	39"	38"	36"	2100	19200	8	20 - 25	300
APL400	100 Gallons	28"	48"	45"	46"	2100	25000	10	30 - 40	375
APL600	150 Gallons	28"	48"	52"	46"	2100	25000	10	40 - 50	440

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