



**VECTOR FOG**  
EXPERTS IN FOGGING TECHNOLOGY™

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## What is ULV?

Vectorfog™ fogging equipment is used predominately for the application of disinfectants, biocides, fungicides and pesticides. Our foggers generate a fog or mist formed of Ultra Low Volume (ULV) droplets between 5-50 microns ( $\mu\text{m}$ ) in diameter. Studies have shown that droplets of this size are ideal to tackle pathogens, vector carriers and pests. In addition, formulations can be applied in concentrations of 10-90% and at flow rates of up to 0.5 litres per minute (30 litres per hour) making them more efficient in the Volume Median Diameter (VMD) spectrum.

## ULV COLDFOGGER C150

<b>Tank Capacity</b>	5 Litres
<b>Power</b>	220V / 110V
<b>Motor</b>	Samsung 1250W
<b>Flow Rate</b>	60LPH
<b>Droplet Size</b>	5 - 50 microns
<b>Net Weight</b>	4.9 kg
<b>Dimensions</b>	62 x 31 x 17 cm



VectorFog's flagship ULV cold fogger the C150 is ideal for indoor as well as outdoor applications. With its large 5 litre tank, this fogger can cover a large area without the need of refilling. Thanks to its fully adjustable droplet size between 5-50 microns, this fogger can be used to apply disinfectants, biocides and insecticides in a multitude of locations. With its powerful 1250 Watt Samsung motor this fogger will give you years of durability and performance. More technical information on page 5.

### ULV COLDFOGGER C20

<b>Tank Capacity</b>	1.5 Litres
<b>Power</b>	220V / 110V
<b>Motor</b>	Samsung 560W
<b>Flow Rate</b>	15-30LPH
<b>Droplet Size</b>	5 - 30 microns
<b>Net Weight</b>	1.5 kg
<b>Dimensions</b>	50 x 25 x 20 cm



The new C20 is one of the smallest yet powerful ULV foggers in the market. Features include a 1.5 litre tank, a 560 Watt Samsung motor, outflow of 15-30 LPH, adjustable droplet size between 5-30 microns and a two speed output control. Thanks to its compact design, this fogger is ideal for spraying in smaller spaces including domestic properties as well as food preparation areas, car valets and offices. In addition the power can be halved reducing noise levels, ideal for hospitals, nursing homes and schools. More technical information on page 5.

### ULV COLDFOGGER C100

<b>Tank Capacity</b>	3.8 Litres
<b>Power</b>	220V / 110V
<b>Motor</b>	Samsung 1250W
<b>Flow Rate</b>	60LPH
<b>Droplet Size</b>	5 - 50 microns
<b>Net Weight</b>	3.5 kg
<b>Dimensions</b>	52 x 30 x 16 cm



The compact C100 cold fogger is one of the most powerful and durable ULV machines in the market today. Equipped with our exclusive 1250 Watt motor. This fogger can produce a powerful flow rate between 30-60 LPH and can easily cover an area of 100 m<sup>2</sup> in less than a minute. With an adjustable droplet size between 5-50 microns, this fogger can quickly apply disinfectants, biocides or insecticides to eradicate vector carriers and pests. More technical information on page 5.

## ULV COLD FOGGER TU100

<b>Tank Capacity</b>	150 Litres
<b>Engine</b>	Mitsubishi GT1000
<b>Fuel</b>	Petrol
<b>Fuel Tank</b>	6 Litres
<b>Actual Range</b>	8 - 10 Metres
<b>Net Weight</b>	150 kg
<b>Dimensions</b>	130 x 90 x 91 cm
<b>Flow Rate</b>	60 - 90 LPH



The Vectorfog truck mounted ULV cold fogger TU100 is ideal for large scale applications including vector control and agricultural fumigation. Features include a 10Hp Mitsubishi engine, 150 litre tank, 180 degree movable head with 3 adjustable nozzles and remote control. With a horizontal spray distance of 8-10 metres, this fogger will be able to spray a large area, in the minimum amount of time. More technical information on page 5.

## ULTRAMIST ULV GRAIN SPRAYER





<b>Tank Capacity</b>	8 Litres
<b>Voltage</b>	220V / 110V - 50Hz
<b>Air Compressor</b>	Samsung 4.8kW
<b>Flow Rate</b>	60LPH
<b>Droplet Size</b>	1- 5 microns
<b>Net Weight</b>	3.5 kg
<b>Dimensions</b>	52 x 30 x 16 cm
<b>Materials</b>	Chemical tank : Acid tolerant rubber(inside) Urethane 4mm(outside) Hose : Urethane Frame : Steel



Vectorfog's Ultra Mist ULV sprayer is ideal for applying grain protectant such as K-Obiol prior to grain storage. The ULV nozzle can be placed on a combine harvester, feeder or conveyor to apply the protectant. Features include a 1-5 micron nozzle, Samsung compressor (version without is also available) and an outflow of 1 LPH.



## TECHNICAL DATA

<b>VECTOR FOG</b>				
	<b>C20</b>	<b>C100</b>	<b>C150</b>	<b>TU100</b>
Power	Electric power 110V/220v	Electric power 110V/220v	Electric power 110V/220v	4 Stroke air cooled petrol engine
Motor	Samsung electronics	Samsung electronics	Samsung electronics	Mitsubishi gt1000
Performance	560 Watt	1250 Watt	1250 Watt	10 Bhp / 7.4Kw, 3600 rpm
Tank capacity	1.5 L	3.8 L	5 L	150 L
Chemicals	Oil & water based chemicals	Oil & water based chemicals	Oil & water based chemicals	Oil & water based chemicals
Flow rate	15-30 Lph	30-60 Lph	30-60 Lph	60-90 Lph
Droplet size	5 - 30 Microns	5 - 50 Microns	5 - 50 Microns	5 - 50 Microns
Spray distance <sup>1</sup>	6 Meters	8 Meters	8 Meters	8 - 10 Meters
Net weight	1.5 Kg	3.5 Kg	4.9 Kg	150 Kg
Dimension	50 X 25 x 20 cm	52 X 30 x 16 cm	62 X 31 x 17 cm	130 X 90 x 91 cm
Features	- 2 Speed output control - Strap for easy carriage	- 2 Speed output control - Strap for easy carriage	- 2 Speed output control - Strap for easy carriage	- Remote control - Adjustable horizontal, Vertical angle

<sup>1</sup> Horizontal, in conditions with no wind



# THERMAL FOGGERS

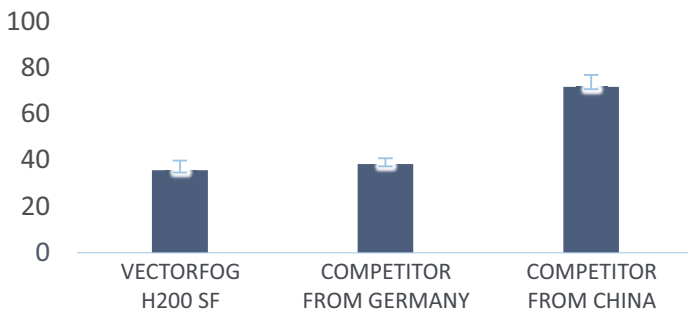
## SF Technology

Our SF thermal foggers are designed for the application of water and oil based solutions. Thanks to their unique and patented Dual-Point™ inlet technology, our foggers are one of the most versatile and durable foggers in the market today. Simply turn a valve to switch between water and oil based fogging.

This year the SF range will also come with additional options including a manual start only, auto start (standard), and dual start. A materials option will also be available this year, including an all stainless steel option for applying more corrosive chemicals.

## DOD TEST

### WATER + NIS RESULT

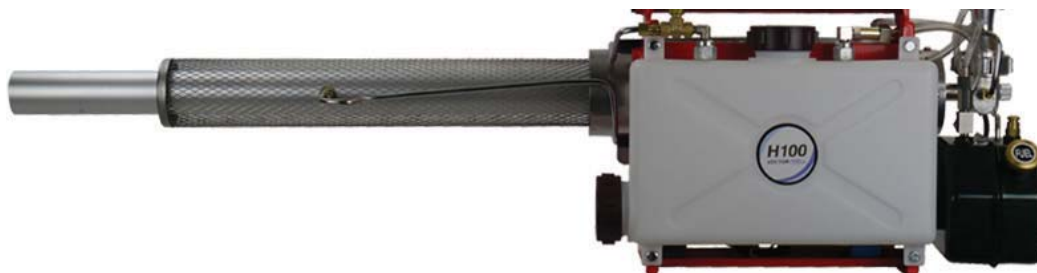


This year our H200SF was tested by the US Navy Entomology Centre to evaluate the droplet size of our machines in the Volume Medium Diameter (VMD) spectrum. Using a laser diffraction spectral analyser under DV 0.5 conditions, our H200SF showed to perform considerably better than Chinese and American brands an in par, if not slightly better, than brands from Germany. Our fogger also came on top in the water fogging test, achieving the smallest droplet size of all the thermal foggers ever tested by the DOD.

Thermal Fog Machine		(μm ± SD)		
VECTORFOG H200 SF	Water + NIS	11.8 ± 1.1	35.6 ± 4.2	95.3 ± 22.7
	BVA 13 Oil	1.2 ± 0.0	3.7 ± 0.1	8.1 ± 0.3
COMPETITOR FROM GERMANY	Water + NIS	18.5 ± 1.4	38.3 ± 2.5	64.8 ± 5.7
	BVA 13 Oil	1.2 ± 0.1	3.9 ± 0.4	14.0 ± 9.7
COMPETITOR FROM CHINA	Water + NIS	24.5 ± 2.1	71.7 ± 5.2	154.8 ± 8.3
	BVA 13 Oil	1.2 ± 0.0	4.2 ± 0.0	8.9 ± 0.0



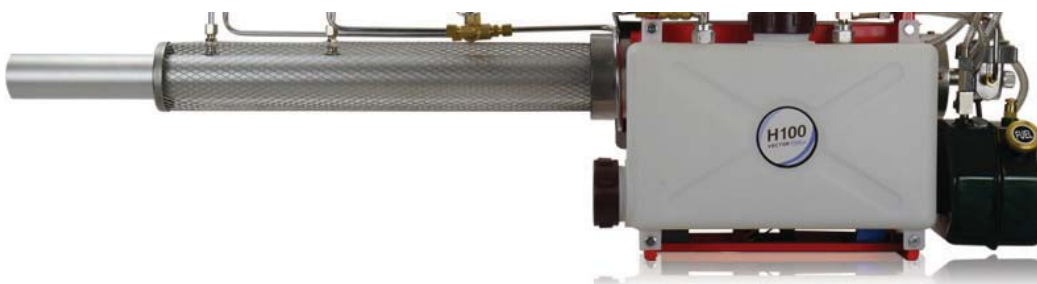
# PORTABLE THERMAL FOGGER H100



Tank Capacity	Fuel	Engine	Droplet Size	Net Weight	Dimensions
4.5 Litres	Petrol	Pulse Jet	5 - 30 microns	8.5 kg	115 x 34 x 25 cm

This portable thermal fogger is ideal for a wide range of uses including vector and pest control applications. Features include a 4.5 litre plastic tank, a flow rate of 40 LPH and automatic start. With a net weight of only 8.5 kg, the H100 is capable of dispersing disinfectants and insecticides quickly and effectively in a variety of locations including parks, warehouses, greenhouses, factories, farms, poultry houses, silos and more. More technical information on page 12.

# PORTABLE THERMAL FOGGER H100SF

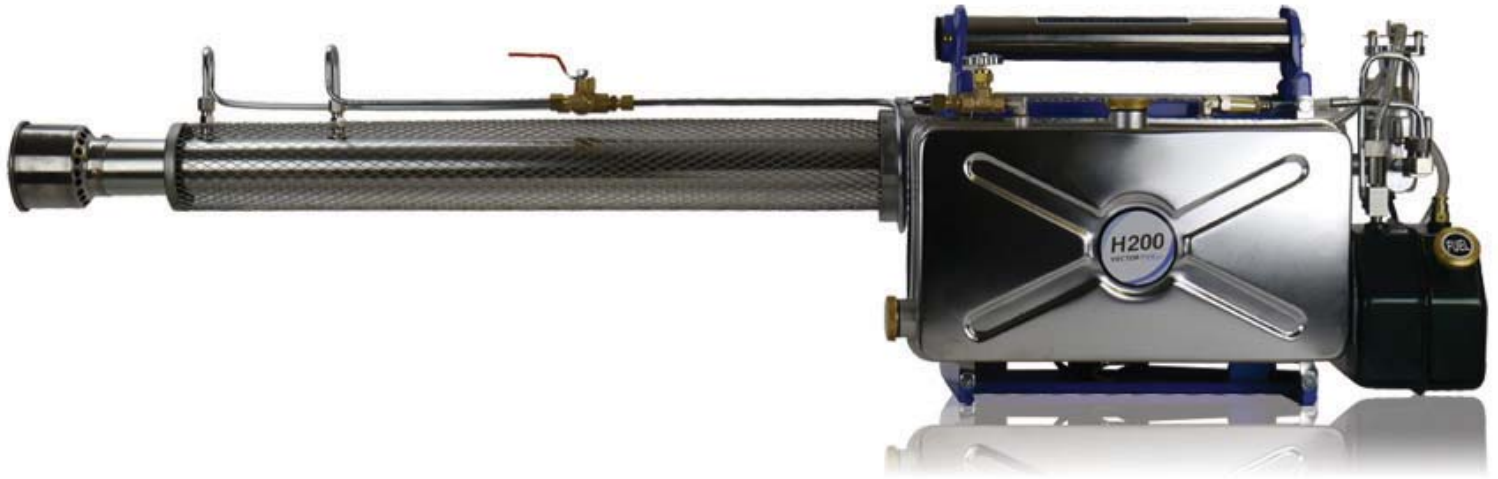


Tank Capacity	Fuel	Engine	Droplet Size	Net Weight	Dimensions
4.5 Litres	Petrol	Pulse Jet	5 - 30 microns	8.5 kg	115 x 34 x 25 cm

With two inlet pipes, the H100SF thermal fogger is a dual purpose fogger especially designed for applying water as well as oil based solutions. Features include a 4.5 litre plastic tank, a flow rate of 40 LPH and automatic start. With a net weight of only 8.5 kg, the H100 is capable of dispersing disinfectants and insecticides quickly and effectively in a variety of locations such as parks, warehouses, greenhouses, factories, farms, poultry houses, silos and more. More technical information on page 12.



# PORTABLE THERMAL FOGGER H200SF



Tank Capacity	Fuel	Engine	Droplet Size	Net Weight	Dimensions
6.5 Litres	Petrol	Pulse Jet	5 - 30 microns	10.8 kg	135 x 29 x 39 cm

The new Vectorfog H200SF has been specially designed for the application of water and oil based solutions. With its unique Dual-Point™ inlet technology and a specially designed nozzle for enhanced dispersion, this versatile fogger will allow you to tackle any job, from plant protection and animal health disinfection, to the control of vector carriers and pests. As with the H200 model, this fogger features include a 6.5 litre stainless steel tank, a flow rate of 50 LPH and automatic start. This fogger has also been manufactured using high grade stainless steel, providing the user, with years of durability and performance. More technical information on page 12.

## THERMAL FOGGER OPTIONS

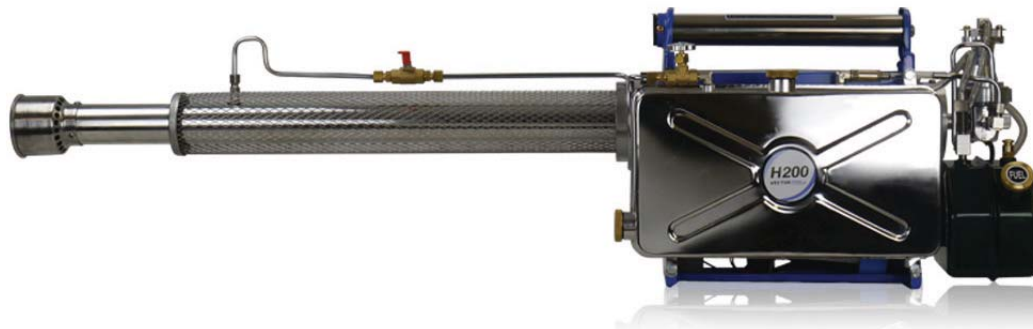
For tenders and high volume orders, we can customize our products to suit customer's individual requirements, including oil and water based fogging solutions, angle adjustment, chemical resistant materials and machine starting options. For more information, please speak to one of our sales representatives.

TYPE
SF
Oil
Water

MATERIAL
Stainless Steel
Brass

START
Dual
Auto
Manual

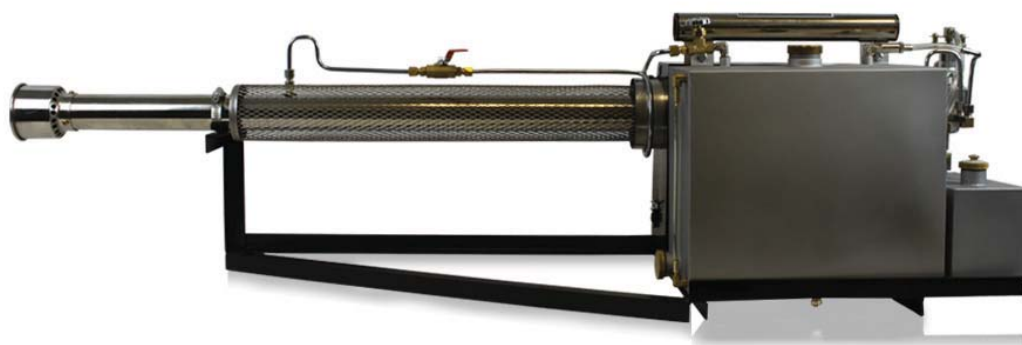
### PORTABLE THERMAL FOGGER H200



Tank Capacity	Fuel	Engine	Droplet Size	Net Weight	Dimensions
6.5 Litres	Petrol	Pulse Jet	5 - 30 microns	10.8 kg	140 x 31 x 80 cm

Manufactured with durability and resistance in mind, this portable thermal fogger is made out of high grade stainless steel. As well as resistance to corrosion and heat, this superior steel is also resistant to oil based chemicals, hydrogen peroxide, kerosene and acids. Features include a 6.5 litre stainless steel tank, a flow rate of 50 LPH and automatic start. Thanks to its simple, durable and efficient design, this thermal fogger will provide you years of durability and performance. More technical information on page 12.

### QUADBIKE MOUNTED THERMAL FOGGER H300SF



Tank Capacity	Fuel	Engine	Droplet Size	Net Weight	Dimensions
15 Litres	Petrol	Pulse Jet	5 - 30 microns	20 kg	Made to Measure

Designed to be fitted to the back of a motorbike or quad-bike, the H300 is the ideal fogger for fast dispersion of disinfectants or insecticides in towns and farms. Features include 15 litre tank, automatic start and a powerful outflow of 52 LPH. It can also be custom built to fit customer's specific requirements. More technical information on page 12.

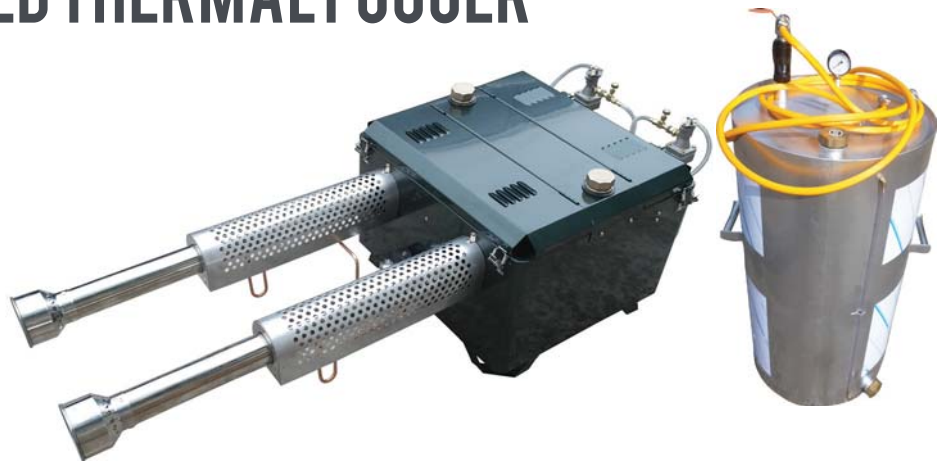
## TROLLY MOUNTED THERMAL FOGGER H400 SF



Tank Capacity	Fuel	Engine	Droplet Size	Net Weight	Dimensions
30 Litres	Petrol	Pulse Jet	5 - 30 microns	36 kg	165 x 110 x 58 cm

The Vectorfog H400 SF trolley mounted thermal fogger is ideal for medium size fogging applications and it's perfect in locations where access to vehicles is limited. Features include a 30 litre stainless steel tank, a flow rate of 50-80 LPH and automatic start. Thanks to its large chemical tank, this thermal fogger can be used for long periods at a time, without the need to refill. More technical information on page 12.

## TRUCK MOUNTED THERMAL FOGGER H500 SF



Tank Capacity	Fuel	Flow Rates	Droplet Size	Net Weight	Dimensions
150 Litres	Petrol	200 - 300 LPH	5 - 30 microns	120 kg	165 x 72 x 80 cm

The Vectorfog H500 SF truck mounted thermal fogger is ideal for large fogging applications, including vector control and agricultural fumigation. Features include a large 150 litre stainless steel tank, dual resonator, remote control and a flow rate of 200 – 300LPH. Thanks to its powerful flow rate, this thermal fogger can quickly cover a large area in the minimum amount of time. More technical information on page 12.

# PORTABLE THERMAL FOGGER BY-100










Tank Capacity	Fuel	Type	Droplet Size	Net Weight	Dimensions
2.8 Litres	Gas/Propane	Cartridge	5 - 30 microns	1.7 kg	61 x 17.5 x 40 cm



**VectorFog™ Mini Foggers** are powered by a standard propane or butane gas cartridge. The water or oil dilutant is heated and then the chemical is added at the last moment to create a fog or mist. Features include a 2.8 Litre tank, flow rate of 2 LPH and strap for portability. The Mini fogger is ideal for fogging pesticides and disinfectants in locations with no access to electricity including patios, parks, silos, chicken coops and greenhouses. More technical information on page 12.



## TECHNICAL DATA

						
	<b>BY-100</b>	<b>H100/H100SF</b>	<b>H200/H200SF</b>	<b>H300SF</b>	<b>H400SF</b>	<b>H500SF</b>
Type	Portable	Portable	Portable	Quad/Bike Mounted	Trolley Mounted	Truck Mounted
Application	Oil & Water based Chemicals	H100: Oil based Chemicals only H100SF: Water & Oil based chemicals	H200: Oil based Chemicals only H200SF: Water & Oil based chemicals	Oil based Chemicals	Oil based Chemicals	Oil based Chemicals
Maximum flow rate of oil based solutions	2 lph	40 lph	50 lph	60 lph	80 lph	200 - 300 lph
Average flow rate with water (SF Models only)	N/A	30 lph	40 lph	45 lph	50 lph	110 lph
Solution Tank Capacity	2.8 L	4.5 L	6.5 L	15 L	30 L	150 L
Solution tank pressure	0.15 kgf / cm <sup>2</sup> (2.13 PSI, 0.147 bar)	0.15 kgf / cm <sup>2</sup> (2.13 PSI, 0.147 bar)	0.15 kgf / cm <sup>2</sup> (2.13 PSI, 0.147 bar)	0.15 kgf / cm <sup>2</sup> (2.13 PSI, 0.147 bar)	0.15 kgf / cm <sup>2</sup> (2.13 PSI, 0.147 bar)	0.15 kgf / cm <sup>2</sup> (2.13 PSI, 0.147 bar)
Droplet size	5 - 30 microns	5 - 30 microns	5 - 30 microns	5 - 30 microns	5 - 30 microns	5 - 30 microns
Motor	N/A	Pulse Jet Engine	Pulse Jet Engine	Pulse Jet Engine	Pulse Jet Engine	Pulse Jet Engine
Fuel tank capacity	Butane Gas Cartridge	1.2 L	1.2 L	2.4 L	3.2 L	15 L (7.5 L x 2)
Fuel consumption	N/A	1.2 lph	1.2 lph	1.8 lph	1.8 lph	4.3 lph
Fuel type	Gas/Propane Gas	Unleaded Petrol	Unleaded Petrol	Unleaded Petrol	Unleaded Petrol	Unleaded Petrol
Performance of combustion chamber <sup>1</sup>	N/A	19 kW / 25.5 hp	19 kW / 25.5 hp	21 kW / 28.2 hp	23 kW / 30.8 hp	46 kW / 61.7 hp
Spray distance (horizontal) <sup>2</sup>	8 - 10 metres	15 - 20 metres	20 - 25 metres	25 - 30 metres	30 - 40 metres	20 - 40 metres
Spray distance with water base (horizontal) <sup>2</sup>	8 metres	8 metres	9 metres	11 metres	12 metres	15 metres
Power supply	6V Rechargeable Battery	6V Rechargeable Battery	6V Rechargeable Battery	6V Rechargeable Battery	6V Rechargeable Battery	12V Rechargeable Battery
Dimensions	61 x 17.5 x 40 cm	115 x 34 x 25 cm	H200: 132 x 34 x 25 cm H200SF: 140 x 31 x 17cm	Build to fit Customer's requirements	165 x 110 x 58cm	162 x 72 x 80 cm
Net Weight	1.7 kg	8.5 kg	10.8 kg	15 kg	36 kg	150 kg
Features	- Piezo Ignition - Portable light weight	-Dual Point inlet Technology (SF Model) - Polymer Tank - Auto Start Function	-Dual Point inlet Technology (SF Model) - Stainless Steel Tank - Auto Start Function	- Made to Measure - Specially designed nozzle for enhanced dispersion - Can be mounted on a Motorcycle/Quad Bike - Stainless Steel Tank	- Specially designed nozzle for enhanced dispersion - Trolley Mounted - Stainless Steel Tank	- Remote Control - Rear View Camera - Truck Mounted - Dual Resonator - Stainless Steel Tank
SF model features	- Bigger heating pipe diameter (25 mm vs 22 mm) - Higher resistance of Heat pipe to extreme heat condition - Fuel adjustment valve fitted - Pulse jet engine cover applied - Specially designed nozzle for enhanced dispersion - Dual Point™ inlet Technology					

<sup>1</sup> Theoretical value based on the energy of consumed fuel

<sup>2</sup> In conditions with no and chemical dependent

<sup>3</sup> Excluding tank

# SPRAYERS

## KNAPSACK SPRAYER Q100

<b>Tank Capacity</b>	12 Litres
<b>Control</b>	Manual
<b>Pump</b>	Diaphragm
<b>Flow Rate</b>	1.7 LPH
<b>Working Pressure</b>	4.2 kg/cm <sup>3</sup>
<b>Net Weight</b>	3.12 kg
<b>Dimensions</b>	38.6 x 19 x 59.5 cm



The Q100, smaller brother to the RS100, is ideal for close up applications. With its 12 litre tank, this sprayer can spray accurately and with precision. Due to its smaller size and manoeuvrable properties, this sprayer is ideal when spraying in tight spaces, uneven or steep terrain or areas with dense foliage.

## KNAPSACK SPRAYER RS100

<b>Tank Capacity</b>	20 Litres
<b>Control</b>	Manual
<b>Pump</b>	Diaphragm
<b>Flow Rate</b>	1.7 LPH
<b>Working Pressure</b>	4.2 kg/cm <sup>3</sup>
<b>Net Weight</b>	3.7 kg
<b>Dimensions</b>	42.5 x 21.5 x 59.5 cm



The Vectorfog RS100 manual Back Pack sprayer is ideal for spraying pesticides and herbicides accurately and with precision. With a chemical resistance from 0-12pH, these sprayers can be used to spot spray in internal spaces, at home, in patio areas, gardens and parks. Features include a large 20 litre tank, ergonomic back design and an easy to assemble and maintain system.

## KNAPSACK SPRAYER SS200

<b>Tank Capacity</b>	17 Litres
<b>Control</b>	Manual
<b>Pump</b>	Diaphragm
<b>Flow Rate</b>	1.7 LPH
<b>Working Pressure</b>	4.2 kg/cm <sup>3</sup>
<b>Net Weight</b>	3.78 kg
<b>Dimensions</b>	41.5 x 19.5 x 59.5 cm



If you are after a manual back pack sprayer that will stand the test of time then the Vectorfog SS200 is the sprayer for you. Manufactured using the finest high grade stainless steel from POSCO. This lightweight and durable sprayer comes equipped with a 17 litre tank, heavy duty spray gun and ergonomic pad.

## PRESSURE SPRAYER PSM100

<b>Tank Capacity</b>	4 Litres
<b>Working Pressure</b>	3.0 kg/cm <sup>3</sup>
<b>Net Weight</b>	1.62 kg
<b>Dimensions</b>	19.5 x 19.5 x 46 cm



Designed for pest control gardening applications, the Vectorfog PSM100 pump up sprayer features a 4 litre high density polyethylene tank. Working pressure of 3.0 Kg/cm<sup>3</sup> and a chemical resistance of 0-12pH.

## PRESSURE SPRAYER PSM200

<b>Tank Capacity</b>	1.8 Litres
<b>Working Pressure</b>	2.5 kg/cm <sup>3</sup>
<b>Net Weight</b>	0.48 kg
<b>Dimensions (Boxed)</b>	85.5 x 56 x 32 cm



The PSM200 pump up sprayer is ideal for close up applications where precision is required. Features include a 1.8 Litre polyethylene tank. Working pressure of 2.5Kg/cm<sup>3</sup> and a chemical resistance of 0-12pH.

## PRESSURE SPRAYER PSM250

<b>Tank Capacity</b>	4 Litres
<b>Working Pressure</b>	3.0 kg/cm <sup>3</sup>
<b>Net Weight</b>	1.62 kg
<b>Dimensions (Boxed)</b>	60 x 40 x 42 cm



Designed for pest control and gardening applications, the PSM250 pump up sprayer features 1 litre high density polyethylene tank. Working pressure of 2.5kg/ cm<sup>3</sup> and a chemical resistance of 0-12pH.



# VECTORTRAP

## FLY TRAP T21&T22

### UV Glue Board Fly Killer

<b>BL Lamps</b>	T21: 2 x Phillips Ultraviolet 36W T22: 3 x Phillips Ultraviolet 36W
<b>Consumption</b>	T21: 72W T22: 108W
<b>Effective Area</b>	45 m <sup>2</sup> - 60 m <sup>2</sup>
<b>Electricity</b>	220V, 60Hz
<b>Application</b>	Indoor Use
<b>Dimensions</b>	53 x 32 x 12 cm



### Superb, Compact Fly Killer

The VectorTrap T21 & T22 flying insect traps are one of the most powerful glue traps on the market today. Thanks to their high power Phillips UV lights, translucent cover, and specially engineered aluminium reflectors to increase UV light intensity. These traps will lure any flying insect to the trap in a matter of seconds. This trap is FDA compliant and assists with HACCP monitoring.

### Philips UV Lamp

With an optimized spectrum matching the eye sensitivity of the housefly, Actinic BL PL-L Secura lamps are perfect for attracting insects. With virtually no UV-B output, they are also perfectly safe for long exposure, including commercial kitchens.





## INSECT TRAP T10

<b>Size</b>	Ø 24 x 32(cm)
<b>Consumption</b>	22W
<b>Effective Area</b>	100m <sup>2</sup> ~ 150m <sup>2</sup>
<b>Electricity</b>	220V, 60Hz
<b>BL Lamps</b>	4W x 2 (Quartz)
<b>Material</b>	ABS

Ideal for indoor as well as outdoor applications the Vectortrap™ T10 trap works by luring the flying insects to the trap via UV light & CO2 gas. Once the insects are in catching distance, an electric fan sucks the insects into a mesh cage which contains a glue board. This UV system is also less noisy and cleaner than conventional ultraviolet zappers. Our trap is ideal for restaurants, patio areas and greenhouses.



## INSECT TRAP T25-SMART

<b>Dimensions</b>	Main body: 300 x 320 (mm) Net length: 500 ~ 550 (mm)
<b>Auto Control</b>	Input 100V ~ 240V Driving Power DC 12V
<b>Consumption</b>	Less than 20W
<b>LED Lamps</b>	LED: DC 12V /3W

The new VectorTrap™ T25 smart trap has been specially designed to run on 12V reducing the traps electrical consumption at just 20W per hour. This supper efficient trap also comes with an optical sensor, switching the trap on automatically at night. Thanks to its 12V motor this trap runs in near-silent operation ideal for livestock farms, cattle sheds, greenhouses and outdoor restaurants.



## INSECT TRAP T30

<b>Size</b>	Ø 30 x 45(cm)
<b>Consumption</b>	60W
<b>Effective Area</b>	210m <sup>2</sup>
<b>Electricity</b>	220V, 60Hz
<b>BL Lamps</b>	20W x 2 (Quartz)
<b>Material</b>	Steel (Powder Coating)

Ideal for indoor and outdoor applications, the Vectortrap™ T30 heavy duty steel trap, works by luring flying insects to the trap via 2 powerful UV lights. Once the insects are in catching distance, a powerful electric fan sucks the insects into a mesh net. This low noise and low energy consumption trap, is ideal for areas with a large amount of flying insects such as cattle sheds, chicken farms, large greenhouses, outdoor restaurants and factories.



## INSECT TRAP T35-THUNDER

<b>Size</b>	Ø 28 x 100(cm)
<b>Consumption</b>	22W
<b>Effective Area</b>	330m <sup>2</sup> ~ 500m <sup>2</sup>
<b>Electricity</b>	220V, 60Hz
<b>BL Lamps</b>	20W x 2 (Quartz)
<b>Material</b>	Stainless Steel

The VectorTrap T35 Thunder is one of the most advanced and durable fly traps in the market today. Using a combination of fan capturing technology and our new patented shredder technology, this super-efficient fly trap, works by luring the insects via powerful Ultra Violet lamps. Once the insects are in catching distance, an electric fan sucks the insects into the trap, where a rotating blade kills the flying insects. The insect fragments are then collected in a removable container at the bottom of the trap. This durable trap is made with high quality stainless steel, ideal for mounting on street lamps. The T35 covers an area of 330~500m<sup>2</sup>, perfect for controlling flying insects around lakes, parks, outdoor restaurants and hotels.



## INSECT TRAP T100

Eco-friendly Solar Trap









<b>Solar Panel</b>	18V / 25W
<b>Auto Control</b>	DC 12V
<b>Battery</b>	DC12V, 4.5A 2 x Rechargeable
<b>Fan</b>	1,200 - 1,500 RPM
<b>Lamp</b>	LED: DC 12V / 3W
<b>Charge Time</b>	4 Hours
<b>Running Time</b>	10 Hours
<b>Weight</b>	16.5 kg
<b>Dimensions</b>	Body: 54.5 x 41 x 39 (cm) Net length: 55cm



The Vectortrap T100 solar trap is ideal for applications where there is no access to electricity. Powered by a super-efficient 18V Solar panel, the trap charges during the day and comes on automatically at night. As with our T25 and T30 traps, this trap works by luring the insects via an Ultra Violet lamp. Once the insects are in catching distance, an electric fan sucks the insects into a mesh net. The T100 is easy to install and each of the legs are fully adjustable for installing in uneven or step terrain. T100 is ideal for golf courses, crops, parks, livestock housing, orchards, near lakes and greenhouses. This trap is efficient at catching Fruit Flies, Mayfly, Mosquitoes, Pyralidae, Noctuidae (Moth) and Chironomidae.



# TECHNICAL DATA

VECTORTRAP						
	T10	T21/22	T25	T35	T30	T100
Type	Uv light & CO2 gas insect killer	Uv light & glue trap fly killer	Uv light insect killer	Uv light insect killer	Uv light insect killer	Uv light insect killer
BL lamp	4W x 2 (quartz)	T21: 2 x Philips ultraviolet 36w T22: 3 x Philips ultraviolet 36w	3W x 1 (led)	20W x 2 (quartz)	20W x 2 (quartz)	3W x 1 (led)
Outdoor/Indoor use	Yes / Yes	No / Yes	Yes / Yes	Yes / Yes	Yes / Yes	Yes / Yes
Power Supply	220V, 60hz	220V, 60hz	100V-240v	220V, 60hz	220V, 60hz	18V, 225w (Solar panel)
Consumption	22W	T21: 72W T22: 108W	<20W/hr	60W	60W	N/A
Dimension	Ø 24 x 32 cm	53 X 32 x 12 cm	Ø 30 x 32 cm Net length: 55 cm	Ø 28 x 100 cm	30 X 45 x 60 cm	54.5 X 41 x 39 cm, Net length: 55 cm
Weight	1.5 Kg	2.9 Kg	2.3 Kg		4.1 Kg	16.5 Kg
Material	Abs	Plastic, aluminium		Stainless steel	Steel (powder coating)	Steel
Effective area	100 M <sup>2</sup> - 150 m <sup>2</sup>	45 M <sup>2</sup> - 60 m <sup>2</sup>	100 M <sup>2</sup> - 150 m <sup>2</sup>	330M <sup>2</sup> ~ 500m <sup>2</sup>	210M <sup>2</sup>	
Fan type	1700 Rpm	N/a	1200-1500 Rpm		2200 Rpm	1500 Rpm
Features	<ul style="list-style-type: none"> <li>- Ultra violet and co2 lure</li> <li>- Low noise fan motor</li> <li>- Light weight</li> <li>- Easy to set up</li> </ul>	<ul style="list-style-type: none"> <li>- Easy to set up and maintain</li> <li>- Certified to all worldwide Standards</li> <li>- Fda compliance</li> <li>- Assists with haccp monitoring</li> </ul>	<ul style="list-style-type: none"> <li>- Ultra violet lamp</li> <li>- Low noise fan motor</li> <li>- Light weight</li> <li>- Easy to set up</li> </ul>	<ul style="list-style-type: none"> <li>- Powerful ultra violet lure</li> <li>- Powerful low noise fan Motor</li> <li>- Easy to set up</li> </ul>	<ul style="list-style-type: none"> <li>- Powerful ultra violet lure</li> <li>- Powerful low noise fan Motor</li> <li>- Easy to set up</li> </ul>	<ul style="list-style-type: none"> <li>- Ultra violet lamp</li> <li>- Low noise fan motor</li> <li>- Solar powered</li> <li>- Easy to set up</li> </ul>
Warranty	1 Year limited warranty	1 Year limited warranty	1 Year limited warranty	1 Year limited warranty	1 Year limited warranty	1 Year limited warranty
Ideal use for	<ul style="list-style-type: none"> <li>- Home gardens</li> <li>- Indoor/outdoor restaurants</li> <li>- Patio areas</li> <li>- Greenhouses</li> </ul>	<ul style="list-style-type: none"> <li>- Professional kitchens</li> <li>- Food preparation areas</li> <li>- Factories</li> <li>- Restaurants and Other dining areas</li> </ul>	<ul style="list-style-type: none"> <li>- Home gardens</li> <li>- Indoor/outdoor restaurants</li> <li>- Patio areas</li> <li>- Greenhouses</li> </ul>		<ul style="list-style-type: none"> <li>- Livestock farms</li> <li>- Greenhouses</li> <li>- Restaurants and outdoor patios</li> <li>- Factories</li> </ul>	<ul style="list-style-type: none"> <li>- Farm crops, orchards</li> <li>- Livestock farms, greenhouses</li> <li>- Outdoor parks</li> <li>- Golf courses</li> <li>- Gardens</li> </ul>

## RESPIRATOR MASK M20

Type	Full Face Mask
Environment	Medium Gas Density
Material	Elastomeric Silicon
Cartridges Available	Organic gas, multi-purpose, ammonia, halogen, sulphurous acid, hydrogen sulphide
Certificates	KOSHA, EN136, EN141
Dimensions	24 x 13 x 32 cm



### Solid, Durable Fullface Mask

Suitable for protecting in medium gas density environments, the M20 Full Face Mask can be used to protect against most common pesticides as well as more toxic fumigants such as Methyl Bromide, Sulfuryl Flouride, Methyl Iodide and Phosphine gas (PH<sub>3</sub>).

### Vectorfog Mask **Features**



01.  
180° Wide Angle Lens



02.  
Anti-Mist Function



03.  
Heavy Duty Canister



04.  
Non-Toxic Silicon

# RESPIRATOR MASK

## M10



<b>Type</b>	Full Face Mask
<b>Environment</b>	Low Gas Density
<b>Material</b>	Elastomeric Silicon
<b>Cartridges Available</b>	Organic gas, multi-purpose, ammonia, halogen, sulphurous acid, hydrogen sulphide
<b>Certificates</b>	KOSHA, EN136, EN141
<b>Dimensions</b>	24 x 13 x 32 cm

Suitable for protecting in low gas density environments, the M10 Full Face respirator mask can be used to protect against most common organic pesticides such as Pyrethroids. Note: This respirator mask is not suitable for protecting against more toxic fumigants such as Aluminium and Magnesium Phosphide which produce Phosphine gas (PH<sub>3</sub>). For protection against PH<sub>3</sub>, please use our M20 or M25 mask with a halogen filter.

# RESPIRATOR MASK

## M25



<b>Type</b>	Full Face Mask
<b>Environment</b>	Medium Gas Density
<b>Material</b>	Elastomeric Silicon
<b>Cartridges Available</b>	Organic gas, multi-purpose, ammonia, halogen, sulphurous acid, hydrogen sulphide
<b>Certificates</b>	KOSHA, EN136, EN141
<b>Dimensions</b>	24 x 13 x 32 cm

Suitable for protecting in medium gas density environments, the M25 Full Face Mask can be used to protect against most common pesticides and agro-chemical fumigants as well as more toxic fumigants such as Methyl Bromide, Sulfuryl Fluoride, Methyl Iodide and Phosphine gas (PH<sub>3</sub>).

## RESPIRATOR MASK M30

<b>Type</b>	Half Face Mask
<b>Environment</b>	Low Gas Density
<b>Material</b>	Elastomeric Silicon
<b>Cartridges Available</b>	Dust and Organic vapours
<b>Certificates</b>	KOSHA, EN136, EN141
<b>Dimensions</b>	24 x 13 x 32 cm



This mask is a dual purpose mask suitable for protecting against dust and low volume organic vapours. It is suitable for protecting against most disinfectants and organic pesticides such as Pyrethroids in low concentrations.

## RESPIRATOR MASK M51

<b>Type</b>	Air Supplied
<b>Environment</b>	High gas density & Dust
<b>Material</b>	Elastomeric Silicon
<b>Cartridges Available</b>	Air Purifying
<b>Certificates</b>	KOSHA, EN136, EN141



Suitable for protecting in high gas density environments, the M51 Air Line supplied Full Face Mask can protect when high concentrations toxic gases are present, such as Phosphine gas (Ph<sub>3</sub>) and Carbon Monoxide (CO). Features of this mask include a 180° wide angle lens, anti-mist technology and a elastomeric head strap and mouth piece for a comfortable and secure fit. This kit includes a filter cartridge, vest, air supply tube and a compressor. This mask and canisters are certified by the Korean Occupational Safety Agency (KOSHA). Other standards include EN136 and EN141.

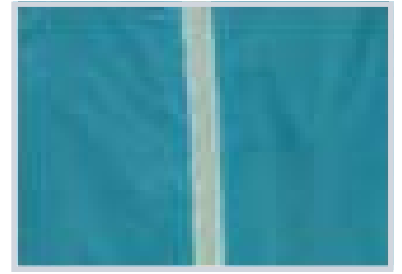


# TECHNICAL DATA

<b>VECTOR FOG</b>					
	<b>M10</b>	<b>M20</b>	<b>M25</b>	<b>M30</b>	<b>M51</b>
Eye protection	Yes	Yes	Yes	N/A	Yes
Canister type	Dual	Isolated	Isolated	Dual	Isolated
Environment	Low Gas Density	Medium Gas Density	Medium Gas Density	Low Gas Density	High Gas Density & Dust
Cartridge available	- Organic Gas - Ammonia - Sulphurous - Acid Halogen - Multi-Purpose	- Organic Gas - Ammonia - Sulphurous Acid - Halogen - Hydrogen Sulphide - Multi-Purpose	- Organic Gas - Ammonia - Sulphurous Acid - Halogen - Hydrogen Sulphide - Multi-Purpose	Dust & Organic Vapours	Air Purifying
Breathe in resistance Minimum requirement	30 L/min : less than 50 Pa 95 L/min : less than 150 Pa	30 L/min : less than 50 Pa 95 L/min : less than 150 Pa	30 L/min : less than 50 Pa 95 L/min : less than 150 Pa	30 L/min : less than 50 Pa 95 L/min : less than 150 Pa	50 L/min
Breathe out resistance	9Pa 41.2 Pa	9.6 Pa 73.2 Pa	11 Pa 80.9 Pa	2.7 Pa 8.2 Pa	71 L/min
Breathe out resistance Minimum requirement	160 L/min: less than 300 Pa	160 L/min: less than 300 Pa	160 L/min: less than 300 Pa	160 L/min: less than 300 Pa	100 L/min
Breathe out resistance	246 Pa	101.4 Pa	161.6 Pa	189 Pa	100 L/min
Power	N/A	N/A	N/A	N/A	220V
Power consumption	N/A	N/A	N/A	N/A	600 W / 60HZ
Lens	180 wide angle	180 wide angle	180 wide angle	N/A	180 wide angle
Face seal material	Elastomeric Silicon	Elastomeric Silicon	Elastomeric Silicon	Elastomeric Silicon	Elastomeric Silicon
Certificates	KOSHA, EN136, EN141	KOSHA, EN136, EN141	KOSHA, EN136, EN141	KOSHA, EN136, EN141	KOSHA, EN136, EN141
Dimensions	24 x 13 x 31 cm	24 x 13 x 31 cm	24 x 13 x 31 cm	24 x 13 x 31 cm	24 x 13 x 31 cm
Speaking diaphragm	Yes	Yes	Yes	N/A	Yes
Six-point head harness	Yes	Yes	Yes	N/A	Yes
Net weight	0.9 kg	0.8 kg	1.2 kg	0.3 kg	1.5 kg
Features	- Non-toxic silicon Mask - Double cushion for secure fit - Anti-Fog Vision	- Non-toxic silicon Mask - Double cushion for secure fit - Anti-Fog Vision	- Non-toxic silicon Mask - Double cushion for secure fit - Anti-Fog Vision	- Non-toxic silicon Mask	- Non-toxic silicon Mask - Vest, Air Hose - Compressor - Anti-Fog Vision
Application	For most common organic pesticides and agro-chemical fumigants, e.g . Pyrethrin and Methil Bromide	For most halogen, organic, ammonia and sulfurous acid gas, e.g. Meththyl Bromide, Sulfuryl Fluoride, Methyl Iodine and Phosphine gas (PH3)	For most halogen, organic, ammonia and sulfurous acid gas, e.g. Meththyl Bromide, Sulfuryl Fluoride, Methyl Iodine and Phosphine gas (PH3)	For organic compound in low concentration and dust of first grade	For most high concentrations toxic gases, e.g. Phosphine gas (PH3) and Carbon Monoxide (CO)

## COVERALL

<b>Material</b>	SMS
<b>Colour</b>	Blue
<b>Size</b>	Large
<b>Application</b>	Pest control, Cleaning etc.



Resistant to punctures and tears. Vectorfog disposable coverall creates a barrier against chemical splashes in low concentrations. Thanks to its specially designed spunbonded-meltblown-spunbonded (SMS) three layer fabric, this coverall will give you ultimate protection without sacrificing mobility and comfort. Features include elasticated hood, wrists and ankles. Our coveralls conform to EN13892-1 and EN13034 standards.

## GOGGLES

<b>Type</b>	Safety Goggles
<b>Lens</b>	Anti-fog, Anti-scratch, Anti-UV
<b>Weight</b>	100g
<b>Size</b>	Adjustable with headband



Vectorfog safety goggles offer the ultimate in comfort and eye protection against impact, dust, gases, UV rays and chemical splashes. Thanks to its curved design, ventilation system and anti-scratch/anti-fog coated polycarbonate lens, these lightweight goggles will provide the user with a superb distortion free field of view. With a fully adjustable elastic headband, these versatile goggles can also be worn in combination with a helmet. These goggles conform to EU CE EN166 standards.

## GLOVES

<b>Materials</b>	High quality nitrile
<b>Length</b>	33 cm
<b>Application</b>	Industrial, Housework etc.
<b>Feature</b>	Sun-proof, Anti-friction



Vectorfog chemical resistant nitrile gloves are made from 100% high-quality nitrile and provide excellent protection against most agricultural chemicals, solvents, acids and caustics. Resistant to punctures, abrasions and cuts, these reusable, sun-proof, anti-friction gloves are ergonomically moulded, improving comfort and fit. These gloves can be used for the home as well as for agricultural, pest-control, gardening and industrial applications.

## BAIT GUN DH1

<b>Capacity</b>	35 grams
<b>Materials</b>	PP/ Japanese Steel
<b>Weight</b>	450 grams
<b>Dimensions</b>	19 x 14 x 2 cm



The VectorGel™ bait gun DH1 is a durable and easy to use precision applicator compatible with most standard 35 gram gel bait cartridges used in pest control applications. Simply place the cartridge from Maxforce or Dupont and start applying immediately to eradicate your pest problem.

## BAIT GUN SET DH2

<b>Capacity</b>	70 grams
<b>Materials</b>	PP/ Japanese Steel
<b>Weight</b>	680 grams
<b>Dimensions</b>	32 x 20 x 7 cm
<b>Contents</b>	Applicator, 3x Cartridges, Squeeze tool, 3x Tips



The VectorGel™ bait gun DH2 is a durable and easy to use precision applicator compatible with most standard 70 gram gel bait cartridges used in pest control applications. This bait gun set is designed for people who are looking for a larger capacity applicator. This set comes an applicator, extra capacity cartridges, holder, squeeze tool and spare tips.

# COMPACT RAT BAIT BOX B-100



<b>Pest Type</b>	Rat
<b>Material</b>	Polypropylene
<b>Dimension</b>	24 x 22 x 7 cm
<b>Colour</b>	Black

The Vectortrap secure rat bait box is a robust, easy to use, low-profile bait station. Equipped with child tamper resistant locks, this compact box includes a fixed tray for loose bait, and a bar for securing bait blocks. A snap trap for this bait box is also available on request.

# MOUSE BAIT BOX B-101



<b>Pest Type</b>	Mouse
<b>Material</b>	Polypropylene
<b>Dimension</b>	10 x 13 x 4 cm
<b>Colour</b>	Black

The Vectortrap mouse box is a durable and practical mouse box. Equipped with a child tamper resistance lock and lid, this easy to service box has enough space for 1 large bait block or 2 smaller ones on either side. This bait box is ideal for indoor and outdoor mouse control.



# INSECT MONITOR B-102



<b>Pest Type</b>	Cockroach
<b>Material</b>	Polypropylene
<b>Dimension</b>	14.7 x 10.7 x 3 cm
<b>Colour</b>	Black

The new Vectortrap insect monitor is a reusable insect monitor for the detection and location of crawling insect pests. With a selection of different glue boards and lure options available for different target pests, this versatile low-profile plastic monitor can be positioned under beds or kitchen appliances for discreet monitoring. This monitor also has a large smooth lid, ideal for placing a monitoring record sticker.

# TUBERAT BAIT BOX B-103



<b>Pest Type</b>	Rat
<b>Material</b>	Polypropylene
<b>Dimension</b>	34 x 10 x 9.2 cm
<b>Colour</b>	Black

Designed in the shape of a drain pipe, the Vectortrap secure rat bait box is a robust and durable bait station. Equipped with child tamper resistance locks, this bait box also features ramped entrances, allowing the bait to stay dry in water-prone areas. This bait station includes a fixed tray for loose bait and a bar for securing bait blocks.

# FOR ALL YOUR VECTOR & PEST CONTROL NEEDS

## ABOUT US

Today VectorFog™ manufactures and distributes one of the largest ranges of fogging equipment in the world, with a dynamic and focused team of skilled engineers, design innovators, supply chain specialists and manufacturing experts. All VectorFog™ products are certified by numerous standards, including CE, ISO 9001 and ISO 14001 are subject to total quality control processes. Our products have now reached a broad range of customers globally, including the Far East, Middle East, Russia, South America and Europe.

# HISTORY



## **1991**

Founded in South Korea by Gyu Jo Yeom an engineer in molecular technology.

## **1995**

The company becomes OEM for Samsung Electronics.

## **2008**

The company launches its first ULV cold fogger.

## **2009**

A global sales office and European distribution centre is established in the United Kingdom.

## **2011**

Gains key supply contracts from international Organisations including the UNDP (United Nation Development Program) and FAO (Food and Agriculture Organization).

## **2012**

Vectorfog launches a global market penetration initiative on its pest control equipment line. By the end of 2012, exports increase to over 70 countries and over 30 countries worldwide are represented.

## **2013**

Vectorfog opens a new global logistics centre in Jangsung, South Korea and a new line of fly traps and safety equipment lines are introduced to its range.

## **2014**

This year Vectorfog will be opening a new sales office and logistics centre in Miami, Florida, USA



# VECTOR FOG

EXPERTS IN FOGGING TECHNOLOGY™

นำเข้าและจัดจำหน่ายโดย

**reo** บริษัท เรซพอนด์เอ็นเตอร์ไพรส์ จำกัด  
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