## **CATALOGUE 2017**



www.vectorfog.com

# CONTENTS

APPLICATION EQUIPMENT	PAGE	PEST CONTROL EQUIPMENT	PAGE
ULV		BAIT GUN DH1	23
DC20	3	BAIT GUN SET DH2	23
C20	4		
C100+	4	BAIT STATIONS	
C150+	5	B100	24
TU100N	5	B101	24
ULTRAMIST GRAIN SPRAYER	6	B102	25
		B103	25
THERMAL FOGGERS		B105	26
H100	8	B112	26
H100 SF	8	B113	26
H200 SF	9		
H200	10	SNAP TRAPS	
H300 SF	10	B106	27
H400 SF	11	B107	27
H500 SF	11	B108	27
BY100	12		
		RAT CATCHERS	
SPRAYERS		B109	28
BM100	14	B110	28
		B111	28
UV FLY TRAP			
T21/22	15	CAGETRAPS	
TR01	16	B115	29
VT001	17	B116	29
T10	17	B117	29
SFETY EQUOPMENT		BIRD REPELLENT	
M20	18	BG250	30
M10	19		
M25	19		
M30	20		
M51	20		
COVERALL	22		
GOGGLES	22		
GLOVES	22		



### What is ULV?

Vectorfog<sup>™</sup> 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 ( $\mu$ m) in diameter. Studies show 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 1 litres per minute (60 litres per hour) making them more efficient in the Volume Median Diameter (VMD) spectrum.

## CORDLESS ULV COLD FOGGER DC20

Tank Capacity	2.0 Litres (0.5 Gallon)
Power	220V / 110V
Motor	Mabuchi 170W
Flow Rate	10-20 LPH ( - 5.3 GPH)
Droplet Size	5 - 50 microns
Net Weight	3.1 kg (6.8 lb)
Dimension (cm)	48 x 19 x 22
Dimension (inch)	18.9 x 7.5 x 8.7



Using the latest in battery technology, the DC20 ULV fogger has been specially designed to produce up to 40 min. of continuous fogging time with only 3 hours of charging time. Features include a 2 litre (0.5 gal.) tank, advanced 12V DC motor from MABUCHI MOTOR, one speed control and adjustable droplet size between 5-50 microns. 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 6.



# ULV COLD FOGGER

Tank Capacity	2.0 Litres (0.5 Gallon)
Power	220V / 110V
Motor	LG 560W
Flow Rate	~20 LPH (~5.3 GPH)
Droplet Size 5 - 50 microns	
Net Weight	3.1 kg (6.8 lb)
Dimension (cm)	48 x 19 x 22
Dimension (inch)	18.9 x 7.5 x 8.7



The new C20 is one of the smallest yet powerful ULV foggers in the market. Features include a 2.0 litre (0.5 gal.) tank, a 560 Watt LG motor, outflow of ~20 LPH (~5.3 GPH), adjustable droplet size between 5-50 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 6.

## ULV COLD FOGGER C100+

Tank Capacity	4 Litres (1 Gallon)
Power	220V / 110V
Motor	LG 1170W
Flow Rate	~60 LPH (~16 GPH)
Droplet Size	5 - 50 microns
Net Weight	3.7 kg (8.2 lb)
Dimension (cm)	52 x 30 x 16
Dimension (inch)	20.5 x 11.8 x 6.3



The compact C100+ cold fogger is one of the most powerful and durable ULV machines in the market today. Equipped with our exclusive 1170 watt motor, this fogger can produce a powerful flow rate between ~60 LPH (~16 GPH) 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 vectors, carriers and pests. More technical information on page 6.



## ULV COLD FOGGER C150+

Tank Capacity	6 Litres (1.6 Gallon)
Power	220V / 110V
Motor	LG 1170W
Flow Rate	~60LPH (~16 GPH)
Droplet Size 5 - 50 microns	
Net Weight	4.7 kg (10.4 lb)
Dimensions (cm)	62 x 31 x 17
Dimension (inch)	24.4 x 12.2 x 6.7



VectorFog's flagship ULV cold fogger the C150+ is ideal for indoor as well as outdoor applications. With its large 6 litre (1.59 gal.) 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 1170 Watt LG motor, this fogger will give you years of durability and performance. More technical information on page 6.

# TRUCK MOUNTED ULV COLD FOGGER

Tank Capacity	130 Litres (32.3 Gallon)		
Engine	Keyang G710L		
Fuel	Petrol		
Fuel Tank	5 Litres (1.32 Gallon)		
Actual Range	8 (26.2 ft.)		
Net Weight	90 kg (198.4 lb)		
Dimension (cm)	111 x 72 x 76		
Dimension (inch)	43.7 x 28.3 x 29.9		



The Vectorfog<sup>™</sup> truck mounted ULV cold fogger TU100N is ideal for large scale applications including vector control and agricultural fumigation. Features include a 7.0Hp Keyang engine, 130 litres (34.3 gal.) tank, a head with 3 nozzles and a remote control. With a horizontal spray distance of 8 metres (26.2 ft.), this fogger will be able to spray a large area in the minimum amount of time.

## ULTRA MIST ULV GRAIN SPRAYER

Tank Capacity	8 Litres (2.1 Gallon)
Voltage	220V / 110V - 50Hz
Air Compressor	Samsung 4.8kW
Flow Rate	60LPH
Droplet Size	1-5 microns
Net Weight	3.5 kg (7.7 lb)
Dimension (cm)	52 x 30 x 16
Dimension (inch)	20.5 x 11.8 x 6.3
Materials	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 (0.26 GPH).

## **TECHNICAL DATA**

VECTOR FOG				
	DC20	C20	C100+	C150+
Power	Rechargable battery 110V/220V	Electric Power 110V/220V	Electric Power 110V/220V	Electric Power 110V/220V
Motor	Mabuchi Motor	LG motor	LG motor	LG motor
Performance	170 Watt	560 Watt	11700 Watt	11700 Watt
Tank capacity	2.0 L (0.5 Gal.)	2.0 L (0.5 Gal.)	4 L (1 Gal.)	6 L (1.6 Gal.)
Chemicals	Oil & Water based Chemicals	Oil & Water based Chemicals	Oil & Water based Chemicals	Oil & Water based Chemicals
Flow rate	10-20 LPH (2.6 - 5.3 GPH)	~20 LPH (~5.3 GPH)	~60 LPH (~16 GPH)	~60 LPH (~16 GPH)
Droplet size	5 - 50 microns	5 - 50 microns	5 - 50 microns	5 - 50 microns
Spray distance <sup>1</sup>	2-5 meters (6.6-16.4 ft.)	2-7 meters (6.6-23 ft.)	5-10 meters (16.4-32.7 ft.)	5-10 meters (16.4-32.7 ft.)
Net weight	3.1 kg (6.8 lb)	3.1 kg (6.8 lb)	3.7 kg (8.2 lb)	4.7 kg (10.4 lb)
Dimension (cm)	48 x 19 x 22	48 x 19 x 22	52 x 30 x 16	62 x 31 x 17
Dimension (inch)	18.9 x 7.5 x 8.7	18.9 x 7.5 x 8.7	20.5 x 11.8 x 6.3	24.4 x 12.2 x 6.7
Features	<ul> <li>- 1 speed output control</li> <li>- Strap for easy carriage</li> </ul>	<ul> <li>- 2 speed output control</li> <li>- Strap for easy carriage</li> </ul>	- 2 speed output control - Strap for easy carriage	<ul> <li>- 2 speed output control</li> <li>- Strap for easy carriage</li> </ul>

<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<sup>™</sup> 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



#### Thermal Fog Machine

Water + NIS	$11.8 \pm 1.1$	$35.6 \pm 4.2$	95.3 ± 22.7
BVA 13 Oil	$1.2\pm0.0$	$3.7\pm0.1$	$8.1 \pm 0.3$
Water + NIS	$18.5 \pm 1.4$	38.3 ± 2.5	64.8 ± 5.7
BVA 13 Oil	$1.2\pm0.1$	$3.9\pm0.4$	14.0 ± 9.7
Water + NIS	24.5 ± 2.1	71.7 ± 5.2	154.8 ± 8.3
BVA 13 Oil	$1.2\pm0.0$	4.2 ± 0.0	8.9 ± 0.0
	BVA 13 Oil Water + NIS BVA 13 Oil Water + NIS	BVA 13 Oil         1.2 ± 0.0           Water + NIS         18.5 ± 1.4           BVA 13 Oil         1.2 ± 0.1           Water + NIS         24.5 ± 2.1	BVA 13 Oil         1.2 ± 0.0         3.7 ± 0.1           Water + NIS         18.5 ± 1.4         38.3 ± 2.5           BVA 13 Oil         1.2 ± 0.1         3.9 ± 0.4           Water + NIS         24.5 ± 2.1         71.7 ± 5.2

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 and 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.



 $(\mu m \pm SD)$ 



## PORTABLE THERMAL FOGGER H100

This portable thermal fogger is ideal for a wide range of uses including vector and pest control applications. Features include a 4.5 plastic tank, a flow rate of 40 LPH (10.6 GPH) and automatic start. With a net weight of only 8.5 litres (2.25 gal.), 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 13.

# PORTABLE THERMAL FOGGER H100 SF

Tank Capacity	Fuel	Engine	Droplet Size	Net Weight	Dimensions
4.5 Litres (1.2 gal.)	Petrol	Pulse Jet	5 - 30 microns	8.5 kg (18.7 lb)	115 x 34 x25 cm (45.3 x 13.4 x 10 inch)

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 plastic tank, a flow rate of 40 LPH (10.6 GPH) and automatic start. With a net weight of only 8.5 litres (2.25 gal.), 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 13.

## PORTABLE THERMAL FOGGER H200 SF



Tank Capacity	Fuel	Engine	Droplet Size	Net Weight	Dimensions
6.5 Litres (1.7 gal.)	Petrol	Pulse Jet	5 - 30 microns	10.8 kg (23.8 lb)	133 x 28 x 38 cm (52.4 x 11 x 15 inch)

The new Vectorfog H200SF has been specially designed for the application of water and oil based solutions. With its unique Dual-Point<sup>™</sup> 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 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 users with years of durability and performance. More technical information on page 13.

## 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 stating options. For more information, please speak to one of our sales representatives.

ТҮРЕ	MATERIAL	START
SF	Stainless Steel	Dual
Oil	Brass	Auto
Water		Manual





PORTABLE THERMAL FOGGER H200

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 stainless steel tank, a flow rate of 50 LPH (13.2 GPH) 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 13.

## QUAD BIKE MOUNTED THERMAL FOGGER H300 SF



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 13.5 litre (3.6 gal.) tank, automatic start and a powerful outflow of 52 LPH (13.7 GPH). It can also be custom built to fit customer's specific requirements. More technical information on page 13.





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 23 litre (6.1 gal.) stainless steel tank, a flow rate of 50-80 LPH (13.2 - 21.1 GPH) 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 13.



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 (40 gal.) stainless steel tank, duel resonator, remote control and a flow rate of 200 – 300LPH (53 - 80 GPH). 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 13.

## PORTABLE THERMAL FOGGER BY100



Tank Capacity	Fuel	Туре	Droplet Size	Net Weight	Dimensions
2.8 Litres (0.74 Gal.)	Gas/Propane	Cartridge	5 - 30 microns	1.7 kg (3.75 lb)	61 x 17.5 x 40 cm (24 x 6.9 x 15.7 inch)



### VectorFog<sup>™</sup> Mini Foggers are

powered by a standard propane or butane gas cartridge. The water or oil dilutant is heated and then mixed with the chemical 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 13.



## **TECHNICAL DATA**

VECTOR FOG						
	BY100	H100/H100SF	H200/H200SF	H300SF	H400SF	H500SF
Туре	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	Water & Oil based Chemicals	Water & Oil based Chemicals	Water & Oil based Chemicals
Maximum flow rate of oil based solutions	2 lph (0.53 gph)	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 (0.47 gal.)	4.5 L	6.5 L	15 L	30 L	150 L
Solution Tank Capacity (oz.)	95	152	220	507	1014	5072
Solution tank pressure	0.15 kgf / cm2 (2.13 PSI, 0.147 bar)	0.15 kgf / cm2 (2.13 PSI, 0.147 bar)	0.15 kgf / cm2 (2.13 PSI, 0.147 bar)	0.15 kgf / cm2 (2.13 PSI, 0.147 bar)	0.15 kgf / cm2 (2.13 PSI, 0.147 bar)	0.15 kgf / cm2 (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 (0.32 Gal.)	1.2 L (0.32 Gal.)	2.4 L (0.64 Gal.)	3.2 L (0.85 Gal.)	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 (26.2 - 32.8 ft.)	15 - 20 metres (49.2 - 65.6 ft.)	20 - 25 metres (65.6 - 82 ft.)	25 - 30 metres (82 - 98.4 ft.)	30 - 40 metres (98.4 - 131.2 ft.)	20 - 40 metres
Spray distance with water base (horizontal) <sup>2</sup>	8 metres (26.2 ft.)	8 metres (26.2 ft.)	9 metres (29.5 ft.)	11 metres (36.1 ft.)	12 metres (39.4 ft.)	15 metres
Power supply	6V Rechargeable Battery	6V Rechargeable Battery	6V Rechargeable Battery	6V Rechargeable Battery	6V Rechargeable Battery	12V Rechargeable Battery
Dimension (cm)	61 x 17.5 x 40	115 x 34 x 25	133 x 28 x 38	Build to fit Customer's requirements	165 x 110 x 58	162 x 72 x 80
Dimension (inch)	24 x 6.9 x 15.7	45.3 x 13.4 x 9.8	52.4 x 11 x 15	Build to fit Customer's requirements	65 x 43.3 x 22.8	63.8 x 28.3 x 31.5
Net Weight (kg)	1.7	8.5	10.8	15	36	150
Net Weight (lb)	3.75	18.7	23.8	33	79.4	330.7

 $^{\rm 1}$  Theoretical value based on the energy of consumed fuel

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

<sup>3</sup> Excluding tank



## BACKPACK MOTORISED MIST SPRAYER BM100

Tank capacity	16 Litres (4.2 gal.)
Engine	Air-cooled 2-stroke Gasoline engine
Displacement	40cc
Spray distance	20 Metres (65.6 ft)
Starting system	Standard recoil
Dimension (cm)	41.5 x 50.5 x 71
Dimension (inch)	91.5 x 111.3 x 156.5
Weight	10.6 kg (23.4 lb)
Application range	2600m <sup>2</sup>



## Backpack Motorised Mist Sprayer

The BM 100 mist blower is ideal for plant and crop protection as well as pest control applications. Powered by specially designed air cooled 2 stroke 40 cc engine manufactured in Korea, this mist blower has a powerful fan achieving a spray distance of 20 metres. The BM 100 mist sprayer produces droplet sizes below 60 microns ideal for insect control. Thanks to its large 16 litre tank, the BM 100 can cover an area of 1600 m<sup>2</sup> (outdoors) and 2600m<sup>2</sup> (indoors). This light weight mist blower features include ergonomic back and padded shoulder straps, anti-vibration mounts, recoil start, and an electronic transistorized ignition module.





# **VECT®RTRAP**

## FLY TRAP T21&T22 UV Glue Board Fly Killer

BL Lamps	T21: 2 x Osram Ultraviolet 36W T22: 3 x Osram Ultraviolet 36W
Consumption	T21: 72W T22: 108W
Effective Area	45 m <sup>2</sup> - 60 m <sup>2</sup>
Electricity	110V/220V, 60Hz
Application	Indoor Use
Dimension (cm)	53 x 32 x 12
Dimension (inch)	21x 12.6 x 4.7

E	
E	
-	

## 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 Osram UV lights, translucent cover, and specially engineered aluminum 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.

## Osram UV Lamp

With an optimized UVA spectrum matching the eye sensitivity of the housefly, Actinic BL lamps are perfect for attracting insects.



## MOSQUITO FLY RACKET TR01

Body Material	ABS
Mesh Wire	Good rust resistance
Input Voltage	3V DC
Output Voltage	7000 V
Power	1.5V-2xAA battery
Static Voltage of Net	0 V
Size	51.5 x 20 x 20 cm 20.3 x 7.9 x 7.9 inch
Racket Size	25 x 20 cm 10 x 8 inch
Weight	295 g (0.65 lb.)
Colour	White-Pink/ Red-Black



## Battery Powered, Intelligent Vectorfog Mosquito Fly Racket

Vectorfog Mosquito Fly Racket is a new, highly efficient fly killing swatter. This fly racket is ideal to kill any size of insects including mosquitoes, flies, moths, spiders, cockroaches, etc. without the need of chemicals, sprays or electric power supply. This swatter is made using high quality ABS for the handle and galvanised wire for the net layers.

## Features

This battery powered fly zapper uses its double-layered electric wire screens to absord pests instantly without dropping and leaving any mess. Features include a power indicator light, a LED light with its switch and a cleaning brush to limit contact with mess on the net.

- **High Voltage:** At least 3,000 Voltage of instant electric shock is required to kill mosquitoes and this swatter with 7,000V can kill cockcroaches, spiders, moths, flies and mosquitoes.
- Safe To Touch: Two layers of positive and negative electrode make safe product for children and pets. The power automatically stops with no residual electricity in the net.
- Easy Control: Batteries are easily replaced and light weight of 295g (0.65 lb.) helps users to carry and control the racket easily.
- **Durability:** The body is made of ABS material with ultrasonic welding technology. Unique two layered nets are gavanized for rust resistance.
- LED Light: The super bright LED light gives you a focus light and you can also use it in dark.











## INSECT TRAP VT001

Туре	Glue Roll Insect Trap
Dimension (cm)	Ø 20, 100m roll
Dimension (inch)	Ø 8, 328ft roll
Colour	Yellow
Applications	Green houses, Livestock farms, Orchards

Designed for use in greenhouses, livestock farms and orchards, this double sided sticky roll trap is ideal for attacting and trapping small flying insects including whitefiles, aphids, sciarids and phorids. The yellow colour it emits is irresistible to these flying insects and acts as a powerful attractant. Made with a special hi-tech glue, this trap is also water resistant and guaranteed to remain sticky for up to 1 year. This trap is 100 meters (328 ft.) long and should be hung horizontally above the crop just after crop emergence. Fit around the sides of the greenhouse or between row.



## INSECT TRAP T10

Size (cm)	Ø 24 x 32
Size (cm)	Ø 9.5 x 12.6
Consumption	22W
Effective Area	100m <sup>2</sup> ~ 150m <sup>2</sup>
Electricity	220V, 60Hz
BL Lamps	4W x 2 (Quartz)
Material	ABS

Ideal for indoor as well as outdoor applications the Vectortrap<sup>™</sup> 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.



# SAFETY EQUIPMENT

## RESPIRATOR MASK M20

Туре	Full Face Mask
Environment	Medium Gas Density
Material	Elastomeric Silicon
Cartridges Available	Organic gas, multi- puropse, ammonia, halogen, sulphurous acid, hydrogen sulphide
Certificates	KOSHA, EN136, EN141
Dimension (cm)	24 x 13 x 32
Dimension (inch)	9.5 x 5.1 x 12.6



## 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 (PH3).

## Vectorfog Mask Features



**01.** 180° Wide Angle Lens



**02.** Anti-Mist Function





**03.** Heavy Duty Canister

**04.** Non-Toxic Silicon

## RESPIRATOR MASK M10

Туре	Full Face Mask
Environment	Low Gas Density
Material	Elastomeric Silicon
Cartridges Available	Organic gas, multi- puropse, ammonia, halogen, sulphurous acid, hydrogen sulphide
Certificates	KOSHA, EN136, EN141
Dimension (cm)	24 x 13 x 32
Dimension (inch)	9.5 x 5.1 x 12.6



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 (PH3). For protection against PH3, please use our M20 or M25 mask with a halogen filter.

## RESPIRATOR MASK M25

Туре	Full Face Mask
Environment	Medium Gas Density
Material	Elastomeric Silicon
Cartridges Available	Organic gas, multi- puropse, ammonia, halogen, sulphurous acid, hydrogen sulphide
Certificates	KOSHA, EN136, EN141
Dimension (cm)	24 x 13 x 32
Dimension (inch)	9.5 x 5.1 x 12.6



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 Flouride, Methyl Iodide and Phosphine gas (PH3).



## RESPIRATOR MASK M30

Туре	Half Face Mask
Environment	Low Gas Density
Material	Elastomeric Silicon
Cartridges	Dust and Organic
Available	vapours
Certificates	KOSHA, EN136, EN141
Dimension (cm)	24 x 13 x 32
Dimension (inch)	9.4 x 5.1 x 12.2



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

## RESPIRATOR MASK M51

Туре	Air Supplied
Environment	High gas density & Dust
Material	Elastomeric Silicon
Cartridges	Air Purifying
Available	
Certificates	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 (Ph3) 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

VECTOR FOG				WEG	
	M10	M20	M25	M30	M51
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	<ul> <li>Organic Gas</li> <li>Ammonia</li> <li>Sulphurous Acid</li> <li>Halogen</li> <li>Hydrogen Sulphide</li> <li>Multi-Purpose</li> </ul>	<ul> <li>Organic Gas</li> <li>Ammonia</li> <li>Sulphurous Acid</li> <li>Halogen</li> <li>Hydrogen Sulphide</li> <li>Multi-Purpose</li> </ul>	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
Dimension (cm)	24 x 13 x 31	24 x 13 x 31	24 x 13 x 31	24 x 13 x 31	24 x 13 x 31
Dimension (inch)	9.5 x 5.1 x 12.6	9.5 x 5.1 x 12.6	9.5 x 5.1 x 12.6	9.5 x 5.1 x 12.6	9.5 x 5.1 x 12.6
Speaking diaphragm	Yes	Yes	Yes	N/A	Yes
Six-point head harness	Yes	Yes	Yes	N/A	Yes
Net weight (kg)	0.9	0.8	1.2	0.3	1.5
Net weight (lb)	2	1.8	2.6	0.7	3.3
Features	<ul> <li>Non-toxic silicon Mask</li> <li>Double cushion for secure fit</li> <li>Anti-Fog Vision</li> </ul>	<ul> <li>Non-toxic silicon Mask</li> <li>Double cushion for secure fit</li> <li>Anti-Fog Vision</li> </ul>	<ul> <li>Non-toxic silicon Mask</li> <li>Double cushion for secure fit</li> <li>Anti-Fog Vision</li> </ul>	- Non-toxic silicon Mask	<ul> <li>Non-toxic silicon Mask</li> <li>Vest, Air Hose</li> <li>Compressor</li> <li>Anti-Fog Vision</li> </ul>
Application	For most common organic pesticides and agro- chemical fumigants, e.g . Pyrethrin and Methil Bromide	For most halogen, organic, ammonia and sulfrous acid gas, e.g. Meththyl Bromide, Sulfuryl Fluoride, Methyl Iodine and Phosphine gas (PH3)	For most halogen, organic, ammonia and sulfrous 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)

### PROTECTION WEAR

## COVERALL

Material	SMS
Colour	Blue
Size	Large
Application	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

Туре	Safety Goggles
Lens	Anti-fog, Anti-scratch, Anti-UV
Weight	100g (0.035 oz.)
Size	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

Materials	High quality nitrile
Length (cm)	33
Length (inch)	13
Application	Industrial, Housework etc.
Feature	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.



# PEST CONTROL EQUIPMENT

# BAIT GUN DH1

Capacity	35 g (1.23 oz.)
Materials	РР
Weight	160 g (0.4 lb)
Dimension (cm)	18 x 14.5 x 3
Dimension (inch)	7.1 x 5.7 x 1.2



The VectorGel<sup>™</sup> bait gun DH1 is a durable and easy to use precision applicator compatible with most standard 35 gram (1.23 oz.) 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 g (2.5 oz.)	
Materials PP	
<b>Weight</b> 640 g (1.4 lb)	
<b>Dimension (cm)</b> 31 x 20 x 6.5	
<b>Dimension (inch)</b> 12.2 x 7.9 x 2.6	
Contents Applicator,	
3x Cartridges,	
Squeeze tool,	
3x Tips	



The VectorGel<sup>™</sup> bait gun DH2 is a durable and easy to use precision applicator compatible with most standard 70 gram (2.5 oz.) 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 B100

Rat or similar sized rodents
Polypropylene
24 x 22 x 7
9.5 x 8.7 x 2.8
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 B101

Type of Pest	Mouse or similar sized rodents
Material	Polypropylene
Dimension (cm)	10 x 13 x 4
Dimension (inch)	4 x 5.1 x 1.6
Colour	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 B102

Type of Pest	Cockroach or similar sized crawling insects
Material	Polypropylene
Dimension (cm)	14.7 x 10.7 x 3
Dimension (inch)	5.8 x 4.2 x 1.2
Colour	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.

## TUBE RAT BAIT BOX B103

Type of Pest	Rat or similar sized rodents
Material	Polypropylene
Dimension (cm)	34 x 10 x 9.2
Dimension (inch)	13.4 x 4 x 3.6
Colour	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.

## DUAL TECHNO BAIT BOX B105

Type of Pest	Rat or similar sized rodents
Material	Polypropylene
Dimension (cm)	24 x 19 x 7
Dimension (inch)	9.5 x 7.7 x 2.8
Colour	Black



This Dual Function Bait Box combines our bestselling compact bait station with a traditional snap trap. Depending on the type of control desired, the set includes rod made of galvanized steel for attaching poison cubes and a place inside to put the snap. This trap is made using high quality polypropylene, child tamper resistant locks and it's easy to use and clean.

# MULTIBOX RAT BAIT STATION

B112

Type of Pest	Rat or similar sized rodents
Material	Polypropylene
Dimension (cm)	25.4 x 17.5 x 11.4
Dimension (inch)	10 x 7 x 4.5
Colour	Black



This Multibox Rat Bait Station is based on our popular Techno Bait Box but roomier. The set includes two rods made of galvanized steel for attaching poison cubes for maximum kill or enough space to put two full sized rat snap traps. You can also use one of each. This trap is made using high quality polypropylene, child tamper resistant locks, and it's easy to use and clean.

# DISC FOR INSECT BAIT B113

Type of Pest	Ants or similar sized crawling insects
Material	Polypropylene
Dimension (cm)	4 x 4 x 1.5
Dimension (inch)	1.6 x 1.6 x 0.6
Colour	Black



Designed to house insect poison (not included) securely, this easy to use, easy to clean bait disk can be fixed to walls, floors and small gaps where insects are frequent. This disk is great where you want to control an infestation but providing protection to pets and children.



## METAL SNAP RAT TRAP B106

Type of Pest	Rat or similar sized rodents
Material	Metal
Dimension (cm)	17.8 x 10 x 4
Dimension (inch)	7 x 4 x 1.6
Colour	Silver



Made of galvanized steel, this robust and powerful trap is manufactured to stand the test of time, perfect for the discerning pest controller. Thanks to its paddle design, strong spring and serrated teeth this trap will ensure a quick and fast kill.

## PLASTIC RAT SNAP TRAP B107

Type of Pest	Rat or similar sized rodents
Material	Polypropylene
Dimension (cm)	14 x 7.5 x 5.5
Dimension (inch)	5.5 x 3 x 2.2
Colour	Black



This Rat snap is easy and safe use compared to traditional wooden traps. With a large bait cup, the trap allows you to bait the trap prior to setting it, enhancing safety.

## PLASTIC MOUSE SNAP TRAP B108

Type of Pest	Mouse or similar sized rodents
Material	Polypropylene
Dimension (cm)	10 x 6 x 4.5
Dimension (inch)	4 x 2.4 x 1.8
Colour	Black



This Mouse snap is easy and safe use compared to traditional wooden traps. With a large bait cup, the trap allows you to bait the trap prior to setting it, enhancing safety.

## METAL MOUSE CATCHER B109

Type of Pest	Mouse or similar sized rodents
Material	Metal
Dimension (cm)	48 x 9 x 9
Dimension (inch)	19 x 3.5 x 3.5
Colour	Silver



Made of galvanized steel for maximum resistance to rust and corrosion, the metal mouse catcher B-109 has been designed to trap up to two mice without killing them. Specifications include side breathing holes, two entrances, bait hooks and a top access panel.

# METAL MOUSE CATCHER B110

Type of Pest	Mouse or similar sized rodents
Material	Metal
Dimension (cm)	26 x 11.5 x 11
Dimension (inch)	10.2 x 4.5 x 4.3
Colour	Silver



Made of galvanized steel for maximum resistance to rust and corrosion, the metal mouse catcher B-110 has been designed to trap up to two mice without killing them. Specifications include two entrances, bait area and a top access panel with view port.

## METAL RAT CATCHER B111

Type of Pest	Rat or similar sized rodents
Material	Metal
Dimension (cm)	48.3 x 9 x 9
Dimension (inch)	19 x 3.5 x 3.5
Colour	Silver



Made of galvanized steel for maximum resistance to rust and corrosion, the metal mouse catcher B-111 has been designed to trap up to two rats without killing them. Specifications include side breathing holes, two entrances, bait hooks and a top access panel with view port.

## LIVE ANIMAL CAGE TRAP B115

Type of Pest	Rodents includes chip- munks, mice, rats, etc.
Material	Metal
Dimension (cm)	51 x 20.3 x 20.3
Dimension (inch)	20 x 8 x 8
Colour	Silver



Made of galvanized steel for maximum resistance to rust and corrosion, the live animal cage trap B-115 has been designed to trap chipmunks, red squirrels, ground squirrels, flying squirrels, rats & other similar-size nuisance animals. Specifications include a spring loaded door, sensitive trigger and a handle to limit contact with the animal.

# LIVE ANIMAL CAGE TRAP

B116

Type of Pest	Rodents includes chip- munks, mice, rats, etc.
Material	Metal
Dimension (cm)	86.3 x 30.5 x 20.3
Dimension (inch)	34 x 12 x 8
Colour	Silver



Made of galvanized steel for maximum resistance to rust and corrosion, the live animal cage trap B-116 has been designed to trap larger animals including stray cats, rabbits, skunks, Minks, large squirrels & other similar-size nuisance animals. Specifications include a spring loaded door, sensitive trigger and a handle to limit Contact with the animal.

## LIVE ANIMAL CAGE TRAP B117

Type of Pest	Rodents includes chip- munks, mice, rats, etc.
Material	Metal
Dimension (cm)	50 x 20 x 17
Dimension (inch)	19.7 x 7.9 x 6.7
Colour	Silver



Made of galvanized steel for maximum resistance to rust and corrosion, the live animal cage trap has been designed to trap chipmunks, red squirrels, ground squirrels, flying squirrels, rats & other similar-size nuisance animals. Specifications include a spring loaded door, sensitive trigger and a handle to limit contact with the animal.

## BIRD REPELLENT BG250

Туре	Bird repellent gel
Ingredients	Polypropylene
Box Dimensions (cm)	14.7 x 10.7 x 3
Box Dimensions (inch)	ххх
Contects included	1 unit with 15 dishes and
	1 nozzle



## Natural, High Efficient Vectorfog Bird Gel

Vectorfog Bird Repellent is a new, highly efficient long lasting bird repellent gel. Proven to deter many bird including Pigeons and Sea Gulls without harming them. Vectorfog Bird Repellent comes in a 250gr tube for use with a caulking gun.

## How does our bird repellent work?

This completely natural, non-toxic 4in1 gel, has been specially formulated to work on four of the animal senses: Sight, Smell, Taste and Tough.

- Sight: This new high-tech gel emits strong Ultra Violet Rays which startles the birds when they try to approach it. A feeling of warning/danger keeps them away.
- Taste: Made with a special blend of oils this gel has a discussing taste to birds. Once eaten, it causes the birds to leave immediately and learn over time never to return to the same spot.
- Smell: Made with natural herbal extracts. VectorFree<sup>™</sup> Bird Gel, has a specially formulated smell which creates an unfamiliar and distressing environment for the birds to perch on. With olfactory enhancers, this smell repellent makes it one of the most efficient in the market.
- Touch: Thanks to its sticky consistency, this gel prevents birds landing because of their "tacky" feel. They learn over time never to return to the same spot.









# 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 adds a new line of fly traps and safety equipment lines are introduced to its range.

#### 2015

Vectorfog opens a new sales office and logistics centre in Miami, sales office and logistics centre in Miami, Florida, USA





#### VECTORFOG

Mlami, FL, USA, TEL: +1 305 479 230 1 Basingstoke, U.K., TEL: +44 (0)20 3808 5797 Jang Seong, S Korea, TEL: +82 (0)70 4694 2490

info@vectorfog.com www.vectorfog.com

Copyright ©2017