

Hard - to - Find Catalog



FSS

Fumigation Service & Supply, Inc.

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"FUG"
the Weevil

Development

Thank you for taking the time to consider this catalog. Our purpose is to offer Hard to Find items used for the unique niche of fumigation. The fumigation industry has changed greatly over the last 10 years and continues to change. Finding the needed equipment and devices can be very time consuming, and the trial and error to come up with final products can be very expensive. Items in this catalog represent those efforts and trials we and others have made over the last 23 years.

This catalog is not a final product, nor the items are the only items that will be in this catalog. We will continue to update the items and post the most current catalog on our website at:

www.FumigationZone.com

If you are aware of something that should be included, please call us at 800-992-1991.

Important Consideration

Due to the unique nature of these items, it may take some time to order. Please take this into consideration when ordering, because assembly may take some time. We do stock much of what we provide in the catalog. We even stock many items which do not appear as items, but may make up components or variations of posted equipment. There is not a practical way to keep everything in stock, but we will make every effort to fulfill your specific needs as quickly as possible.



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Danger and Health Considerations

Many of these items are specific to the type of characteristics with a fumigant or fumigant form. **High pressure hazards pose a risk to health and even life.** Using parts or components not rated for proper pressure can cause an explosion and send fragments of metal, plastic, or other materials out at extremely high speeds. ALWAYS RESPECT HIGH PRESSURE AND ENSURE YOU ARE USING APPROPRIATELY RATED COMPONENTS. **We will provide on-line high pressure gas application safety training (upon request).** It is always best to seek training by professional gas application specialists.

Other Services

In addition to the sale of these products, we provide consultation, site specific system development, on-site installation, and annual maintenance packages. Large Projects include fixed central gas application systems with web access to data. Please challenge us with ideas you have and we will work with you to develop safe, successful solutions.

USDA Regulations

Some Items provided are required for certain USDA gas applications. The USDA has strict, safe measures that require specific equipment. These items are marked by - ** after item name/description.

Thank you again for letting us assist with your needs. Many more safe, successful, and fun fumigations to you.



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Monitoring Equipment









Fumigation Monitoring Equipment Description		Sizes	Item #
	Calibration Kit Kit includes a brass single stage regulator - 3000 psi. inlet, 30 psi. outlet. Fittings for 1/4 in. tubing. Includes 2 durable fill bags, 4 ft. of 1/4 in. poly tubing, and 2 1/4 in. tubing unions. Regulator has a stainless steel diaphragm. 2 extra bags - (2 liter)	regulator	HM101 HM101-R HM101-B
	Calibration Cylinder If you do not possess a cylinder for calibrating, then these will be good cylinders for the kit. FSS, Inc. Will Not refill these cylinders. <ul style="list-style-type: none"> 10000 ppm of Sulfuryl Fluoride 10000 ppm of Methyl Bromide 5 ppm of Sulfuryl Fluoride 		HM102-S HM102-M HM102-I
	Colorimetric Tube Pump - ** This tube pump measures 100 ccs for every pump. Bellow style. Uses colorimetric tubes. All associated tubes can be used as suitable clearing devices if specific ppm range is indicated.		HM103
	Carbon Dioxide CO2 Tubes - ** Use Tubes with the Tube Pump <ul style="list-style-type: none"> Measures 100 ppms to 3000 ppms Measures 1000 ppms to 60000 ppms Measures 50000 ppms to 600000 ppms 		HM104-1 HM104-2 HM104-3
	Methyl Bromide MB Tubes - ** Use Tubes with the Tube Pump <ul style="list-style-type: none"> Measures .2 ppms to 8 ppms Measures .5 ppms to 30 ppms Measures 3 ppms to 100 ppms 		HM105-1 HM105-2 HM105-3
	Phosphine PH3 Tubes - ** Use Tubes with the Tube Pump <ul style="list-style-type: none"> Measures .1 ppms to 4 ppms Measures .1 ppms to 15 ppms Measures 15 ppms to 1000 ppms 		HM106-1 HM106-2 HM106-3

Custom equipment can be ordered. Contact FSS, Inc. for pricing. All items have been field tested and proven successful for intended use.

Monitoring Equipment









Fumigation Monitoring Equipment Description		Sizes	Item #
	<p>Hydrobromic/Hydrochloric Acid Tubes - **</p> <p>Use Tubes with the Tube Pump Measures 1 ppms to 10 ppms Measures 2 ppms to 20 ppms Measures 50 ppms to 5000 ppms</p>		<p>HM107-1</p> <p>HM107-2</p> <p>HM107-3</p>
	<p>Fumiscop - **</p> <p>Measures both Methyl Bromide and Sulfuryl Fluoride up to 2700 oz. or gr./M3 with precise accuracy. Will not give exact ppm count. Thermal conductivity sensor. Runs on 115 or 220 volt. Remote Data Model - -</p>		<p>HM108</p> <p>HM108-R</p>
 <p>SF-ExplorIR™</p>	<p>ExplorIR - Low Range SF</p> <p>Legal clearing device for Sulfuryl Fluoride. Measures 0 - 100 ppms of SF with precise accuracy. Very rugged light weight unit. Comes with long lasting lithium battery and charge kit. ISO 9001 certified. Uses Infrared technology. This unit has upgradable software-so no need to buy full price new models.</p>		HM109
	<p>ReportIR - High Range SF</p> <p>Single zone monitor that measures Sulfuryl Fluoride in high ranges. Measures 5 - 50000 ppms with great accuracy, using Infrared technology. Can use with hub for remote data Collection. This unit has upgradable software-so no need to buy full price new models.</p>		HM110
	<p>ReportIR - High Range PH3</p> <p>Single zone monitor that measures Phosphine in high ranges. Measures 5 - 50000 ppms with great accuracy, using Infrared technology. Can use with hub for remote data Collection. This unit has upgradable software-so no need to buy full price new models.</p>		HM111
	<p>ReportIR - High Range MB - **</p> <p>Single zone monitor that measures Methyl Bromide in high ranges. Measures 5 - 50000 ppms with great accuracy, using Infrared technology. Can use with hub for remote data Collection. This unit has upgradable software-so no need to buy full price new models.</p>		HM112

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Monitoring Equipment









Fumigation Monitoring Equipment Description		Sizes	Item #
	Spectros Multiport SF - MB - PH3 Multi zone monitor measures up to 16 zones of Sulfuryl Fluoride, Methyl Bromide, or Phosphine in high ranges from 0 - 50000 ppms with great accuracy. Uses Infrared technology. Need specifics for custom build when ordering. Can use with hub for remote data collection which is downloadable to computer or printer.	SF	HM113-S
		MB	HM113-M
		PH3	HM113-P
	Spectros - Transportable Transportable monitors that are rugged and compact for demanding point of use needs for all types of situations. Many different monitors can be custom built. Please call FSS, Inc. for inquiries.		HM114
	Interscan 1900 Measures 0 to 50 ppms of Sulfuryl Fluoride. Heavier than an ExplorIR - Low Range SF. Used as a clearing device. Requires multiple calibrations per year. Calibration kit not included in price. Battery and Charger		HM115
		battery pack	HM115-B
	Photo Ionization Device Device is used to detect leaks, and can detect ppms in ambient air from 0.0 to 1000 ppms of Methyl Bromide. This is NOT used as a clearance device. Long lasting battery and light weight makes this unit great for travel around a job site.		HM116
	SiloChek - ** Not used as a clearing device. High range Phosphine monitor has digital display and internal pump. Reads with great accuracy.		HM117
	Pac 7000 - ** Used as a clearing device for Phosphine. Low range monitor has digital display and internal pump. Utilizes electrochemical sensor.		HM118

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Monitoring Equipment

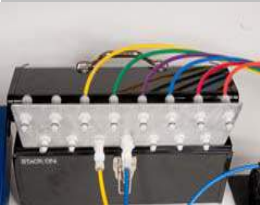



Fumigation Monitoring Equipment Description		Sizes	Item #
	<p>PortaSens Leak Detector</p> <p>Not used as a clearing device. Can be either high or low range, but not both. Phosphine monitor with digital display and internal pump. Utilizes electrochemical sensor.</p>	<p>high range</p> <p>low range</p>	<p>HM119-H</p> <p>HM119-L</p>
	<p>X AM2000</p> <p>Not used as a clearing device. Confined space monitor measures Oxygen, Carbon Monoxide, and Explosive gases, but does not have a sensor placed in unit for Phosphine. This is used for safety in confined spaces where a fumigator might be exposed to potentially hazardous gas levels that are not fumigant based.</p>		HM120
	<p>X AM5000 - Confined Space</p> <p>Not used as a clearing device. Confined space monitor measures Oxygen, Carbon Monoxide, Explosive gases, and can have a sensor placed in unit for Phosphine. This is used for safety in confined spaces where a fumigator might use Phosphine. Add a Phosphine sensor - -</p>		<p>HM121</p> <p>HM121-P</p>
	<p>Passport 5 Star</p> <p>Not used as a clearing device. Confined space monitor measures Oxygen, Carbon Monoxide, and Explosive gases, but does not have a sensor placed in unit for Phosphine. Can measure other gases in confined spaces where a fumigator might be exposed to potentially hazardous gas levels that are not fumigant based.</p>		HM122
	<p>Carbon Dioxide Monitor - Low Range</p> <p>Used as a clearing device. Measures 0 to 10000 ppm with high accuracy for safe monitoring.</p>		HM123
	<p>Carbon Dioxide Monitor - High Range</p> <p>Full range monitor measures 0% to 100% X volume of CO2 with high accuracy. When dealing with high concentrations of CO2, it is important to make sure Oxygen (O2) levels are sufficient.</p>		HM124

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Monitoring Equipment



Fumigation Monitoring Equipment Description		Sizes	Item #
	Monitoring Box Includes 18 quick Connect (QC) panel mounts for 1/4 in. monitoring line. Easy fold up design for "on the go" fumigators. Very durable. Includes 4 QC bodies for 1/4 in. monitoring line. 10 extra bulkhead panel mounts and 4 b.h. connectors bodies.		HM125 HM125-1
	Monitoring Box with Pump Same as above box and includes a high powered, gas tight pump for monitoring line more than 100 ft. from zone. Easy fold up design for "on the go" fumigators. Very durable. Includes 4 QC bulkhead connectors for 1/4 in. monitoring line.		HM126
	Pump Only	pump	HM126-P
	Monitoring equipment is expensive, so please choose the right equipment. We will assist with choosing the correct monitoring equipment for your specific needs. There are other monitoring devices we use, but do not post them in this catalog. Call us for inquiries about other monitoring equipment. The best way to fumigate is to be safe and to know about the gas you use.		



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Methyl Bromide Equipment








Methyl Bromide (MB) Fumigation Equipment Description		Sizes	Item #
	MB Cylinder Adapter Hook up to a cylinder of MB. Wrench required.		HMB101
	Hand Tight Adapter Hook up to a cylinder of MB. No wrench required.		HMB101-H
	Application Tubing - Shoot Line (MB) 3/8 in. OD tubing used primarily for the application of MB		
	100 ft. length	100 ft	HMB102-1
	250 ft. length	250 ft	HMB102-2
	500 ft. length	500 ft	HMB102-3
	Jumpers are small lines for disconnecting after gas application	12 ft	HMB102-4
	Monitor Tubing - Monitor Line (MB) 1/4 in. OD tubing used primarily for monitoring MB		
	100 ft. length	100 ft	HMB103-1
	250 ft. length	250 ft	HMB103-2
	500 ft. length	500 ft	HMB103-3
	Jumpers are small lines for disconnecting after gas application	12 ft	HMB103-4
	Connector Shoot line union for hooking up extra lengths of shoot line	10 pack	HMB104-S
	Monitor line union for hooking up extra lengths of monitor line	10 pack	HMB104-M
	Branch Tee Branch shoot line from 1 line into 2 lines in perpendicular form	10 pack	HMB105-S
	Branch monitor line from 1 line into 2 lines in perpendicular form	10 pack	HMB105-M
	Y - Tee Branch shoot line from 1 line into 2 lines in Y form	10 pack	HMB106-S
	Branch monitor line from 1 line into 2 lines in Y form	10 pack	HMB106-M

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Methyl Bromide Equipment








Methyl Bromide (MB) Fumigation Equipment Description		Sizes	Item #
	Elbow Union for shoot line at a 90 degree angle	10 pack	HMB107-S
	Union for monitor line at a 90 degree angle	10 pack	HMB107-M
	Reducer - Expander Reduces/expands shoot line into monitor line size or vice versa	10 pack	HMB108
	Ball Valve Ball valve for shoot line		HMB109-S
	Ball valve for monitor line		HMB109-M
	Check Valve 1 way flow valve for shoot line		HMB110-S
	1 way flow valve for monitor line		HMB110-M
	Shoot Line Manifold for MB Manifolds are available for MB fumigations, but not recommended unless under extreme circumstance or unsafe situations necessitate such use. They are expensive to build and the fumigator loses some control over shoot line safety. Please call FSS, Inc. more for information regarding MB shoot line manifolds.		HMB111-X
	Vaporizer - Electric - **	25lb/min	HMB112-1
	Vaporizes liquid MB into gas form using electric heat elements. Meets USDA standards for vaporizing Gas. You need to know what flow rate MB is coming into vaporizer before buying. These are 3 phase units. Can use CO2 with these units. Call FSS, Inc. for more information.	12.5lb/min	HMB112-2
		6.2lb/min	HMB112-3

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Methyl Bromide Equipment








Methyl Bromide (MB) Fumigation Equipment Description		Sizes	Item #
	<p>Vaporizer - Propane - ** Vaporizes liquid MB into gas form using propane to heat elements. Meets USDA standards for vaporizing Gas.</p>		HMB113
	<p>MB Dispenser Connect to a cylinder using an adapter, and dispense .25 to 5 lbs. of MB at a time. Has pressure release valves for assisting refill.</p>		HMB114
<p><u>High Quality Connection Fittings</u> These connection fittings can be used for MB gas applications and MB and SF monitoring. These medium pressure fittings CAN NOT be used for safe SF gas application because gas pressures can be too great. They are very durable and long lasting, and have proven very successful for vacuums that pumps generate when monitoring.</p>			
	<p>Male Plug - SF and MB Male plug for shoot line union ends</p>	10 pack	HQ102-S
	<p>Male plug for monitor line union ends</p>	10 pack	HQ102-M
	<p>Female Cap - SF and MB Female plug for shoot line ends</p>	10 pack	HQ103-S
	<p>Female plug for monitor line ends</p>	10 pack	HQ103-M
	<p>Connector Shoot line union for hooking up extra lengths of shoot line</p>	10 pack	HQ104-S
	<p>Monitor line union for hooking up extra lengths of monitor line</p>	10 pack	HQ104-M

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Methyl Bromide Equipment





Methyl Bromide (MB) Fumigation Equipment Description		Sizes	Item #
	Branch Tee		
	Branch shoot line from 1 line into 2 lines in perpendicular form	10 pack	HQ105-S
	Branch monitor line from 1 line into 2 lines in perpendicular form	10 pack	HQ105-M
	Y - Tee		
	Branch shoot line from 1 line into 2 lines in Y form	10 pack	HQ106-S
	Branch monitor line from 1 line into 2 lines in Y form	10 pack	HQ106-M
	Elbow		
	Union for shoot line at a 90 degree angle	10 pack	HQ107-S
	Union for monitor line at a 90 degree angle	10 pack	HQ107-M
 	Reducer - Expander		
	Reduces/expands shoot line into monitor line size or vice versa	10 pack	HQ108-U
	Reduces shoot line into monitor line from a connector	10 pack	HQ108-R

Custom equipment can be ordered. Contact FSS, Inc. for pricing. All items have been field tested and proven successful for intended use.

Sulfuryl Fluoride Equipment









Sulfuryl Fluoride (SF) Fumigation Equipment Description		Sizes	Item #
	SF Cylinder Adapter Hook up to a cylinder of SF. Wrench required.		HSF101
	Hand Tight Adapter Hook up to a cylinder of SF. No wrench required. Highly recommended.	3/8 in. QC 1/4 in. QC	HSF101-S HSF101-M
	Application Tubing - Shoot Line (SF) 3/8 in. OD tubing used primarily for the application of SF Colors include - Red, Orange, Yellow, Green, Purple, Blue Can come on an 11 in. spool - just add C to end of Item # 11 in. replacement spool Jumpers are small lines for disconnecting after gas application	100 ft 250 ft 500 ft w/spool spool only 12 ft	HSF102-1 HSF102-2 HSF102-3 add C HSF102-S HSF102-J
	Monitor Tubing - Monitor Line (SF) 1/4 in. OD tubing used primarily for monitoring SF, but can be used for shoot line as well. Red, Orange, Yellow, Green, Purple, Blue Can come on a 6 in. spool - just add C to end of Item # 6 in. replacement spool Jumpers are small lines for disconnecting after gas application	100 ft 250 ft 500 ft w/spool spool only 12 ft	HSF103-1 HSF103-2 HSF103-3 add C HSF103-S HSF103-J
	Connector Shoot line union for hooking up extra lengths of shoot line Monitor line union for hooking up extra lengths of monitor line 2 piece solid connector with easy QC for shoot line 2 piece solid connector with easy QC for monitor line Do not disassemble 2 piece connectors.		HSF104-1 HSF104-2 HSF104-3 HSF104-4
	Branch Tee Branch shoot line from 1 line into 2 lines in perpendicular form Branch monitor line from 1 line into 2 lines in perpendicular form		HSF105-S HSF105-M
	Male Connector - SF and MB Connects 2 female ends of unions for shoot line Connects 2 female ends of unions for monitor line	10 pack 10 pack	HSF106-S HSF106-M

Custom equipment can be ordered. Contact FSS, Inc. for pricing. All items have been field tested and proven successful for intended use.

Sulfuryl Fluoride Equipment







Sulfuryl Fluoride (SF) Fumigation Equipment Description		Sizes	Item #
	Elbow Union for shoot line at a 90 degree angle		HSF107-S
	Union for monitor line at a 90 degree angle		HSF107-M
	Reducer - Expander Reduces/expands shoot line to monitor line size or vice versa with easy QC. SF and MB. Don not disassemble HSF108-S.		HSF108-S
	Plug in Reducer - 1 piece reducer from shoot to monitor line		HSF108-M
	Ball Valve Ball valve for shoot line		HSF109-S
	Ball valve for monitor line		HSF109-M
	Check Valve 1 way flow valve for shoot line with easy QC ends		HSF110-S
	1 way flow valve for monitor line with easy QC ends		HSF110-M
	Shoot Line Manifold - 5 Port Allows you to apply up to 4 cylinders into 1 location, or spread gas up to 4 areas from one cylinder using shoot sized line.		HSF111-S
	Allows you to apply up to 4 cylinders into 1 location, or spread gas up to 4 areas from one cylinder using monitor sized line. Call FSS, Inc. for custom manifolds and manifolds with valves.		HSF111-M
	Shoot Line Manifold - 7 Port Allows you to apply up to 6 cylinders into 1 location, or spread gas up to 6 areas from one cylinder using shoot sized line.		HSF112-S
	Allows you to apply up to 6 cylinders into 1 location, or spread gas up to 6 areas from one cylinder using monitor sized line. Call FSS, Inc. for custom manifolds and manifolds with valves.		HSF112-M

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Sulfuryl Fluoride Equipment









Sulfuryl Fluoride (SF) Fumigation Equipment Description	Sizes	Item #
 A photograph showing a white van with a rack of colorful spools of shoot and monitor line mounted on its receiver hitch. The spools are arranged in three rows and are in various colors including red, blue, green, and yellow.	<p>Truck Mounted Multi Spool System Mounted to receiver hitch on truck - can hold up to 18 shoot line spools or 30 monitor line spools.</p>	HSF113
 A photograph of a blue metal dolly with four wheels, designed to hold multiple spools of shoot and monitor line. The dolly is shown holding several spools of different colors.	<p>Spool Dolly Manages multiple spools of shoot and monitor line for extended fumigations.</p>	HSF114
 A photograph of a yellow and black Dewalt heavy-duty corded drill. The drill is shown from a side profile, highlighting its robust design and the Dewalt logo.	<p>Heavy Duty 1/2 in. 9 Amp Drill Assists with respooling shoot and monitor line after use for proper storage. High torque and rugged, with speed adjustment which is needed for proper respooling. This is a corded drill.</p>	HSF115
 A close-up photograph of a metal respooling bit. The bit has a circular flange and a central shaft, designed to fit into spool flanges. The FSS logo is visible on the side of the bit.	<p>Respooling Bit Fits into spool flanges snug to assist with respooling. Requires a 1/2 drill.</p>	HSF116

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Metal Phosphide Equipment



Metal Phosphide Fumigation Equipment Description		Sizes	Item #
	Plastic Tarping Disposable tarping material that comes in different sized rolls. Holds Phosphine at efficient levels. Cut plastic to any length and use other sealing material (listed in ACCESSORIES section) to seal around doors, windows and other gas escape points for large scale fumigations. HMP101-6 is only 2 mil. thickness.	12' x 100' 20' x 100' 24' x 100' 32' x 100' 40' x 100' 40' x 450'	HMP101-1 HMP101-2 HMP101-3 HMP101-4 HMP101-5 HMP101-6
	Top Hatch Poly Seal/Cap Round railcar polyethylene hatch seal/cover. 30 inches with elastic edge.		HMP102
			
	Top Hatch Remy Filter Used to place pre-packaged fumigant in rail cars. 40 inches permeable material.		HMP103
			
	Fumi-Cel Cloth Bag Cloth, pleated bags designed specifically for Fumi-Cel applications. Draw string to assist with hanging bags in bins.		HMP104
			
	Fumi-Disc 22 Cardboard disc for application of pre-packaged fumigant. Attaches to inside of railcar.		HMP105
	Fumi-Disc 33 Larger cardboard disc for application of pre-packaged fumigant. Attaches to inside of railcar.		HMP106

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Metal Phosphide Equipment




Metal Phosphide Fumigation Equipment Description	Sizes	Item #
	<p>Pellet Probe Applicator (PVC) 5 Ft. tube made of PVC material with cone on top for funneling pellets into grain masses. Probe end at angle for penetration and distribution. Helps prevent bridging.</p>	<p>HMP107</p>
	<p>Pellet Probe Applicator (Aluminum) 8 Ft. tube made of aluminum with cone on top for funneling pellets into grain masses. Probe end at angle for penetration and distribution. Helps prevent bridging.</p>	<p>HMP108</p>
	<p>Pellet Dispenser Automated dispensing device for application of Phosphine pellets.</p>	<p>HMP109</p>
	<p>Re-Circulation Manifold System This system is designed to give even air flow through re-circulation system. Includes a 2 port, 3 port, and 4 port assembly. 9 custom ports with 4 rolls of re-circulation sealing tape.</p>	<p>HMP110</p>
	<p>Wire Disposal Basket For containment & deactivation of pre-packaged Metal Phosphides. Needs a dry disposal system. Place used pre-packaged fumigant in basket, and place basket in disposal system.</p>	<p>HMP111</p>
	<p>Dry Disposal System Specially designed drum for locking and containment of disposed pre-packaged Phosphine fumigant. Requires wire disposal basket. Dry disposal systems come in dry drums for 1st step of disposal, and wet drums for final step of disposal that come with water fill and release valves.</p>	<p>dry HMP112-D wet HMP112-W</p>

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Metal Phosphide Equipment









Metal Phosphide Fumigation Equipment Description	Sizes	Item #
 <p data-bbox="449 228 1402 438">Re-Circulation System Blower - ** Blower designed specifically to re-circulate gas through grain storage structures with high amounts of static pressure. 2 blowers: low volume circulation w/ medium air movement/pressure and high volume circulation w/ high air movement/pressure. Both are spark resistant circulatory fans and motor casing/wiring.</p>	low vol. high vol.	HMP113-1 HMP113-2

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Eco2Fume Equipment









Eco2Fume (Eco) Fumigation Equipment Description		Sizes	Item #
	Fum-Adapter Hook up to a cylinder of Eco2Fume Wrench required.		HE101
	Hand Tight Adapter Hook up to a cylinder of Eco2Fume with elbow adapter - either male or female end. No wrench required.	male end female end	HE101-M HE101-F
	Fumo-Hose (Low Temperature) - ** Flexible hose that can work up to 3000 psi. at 70 F and can withstand extremely low temperatures. Great for ends of Eco application hose where ends tend to freeze. Can order special lengths. Ends same as CO2 and air hose. For monitoring line - HMB103 or HSF103 is used.	10 ft	HE102-1
		25 ft	HE102-2
		50 ft	HE102-3
		100 ft	HE102-4
		200 ft	HE102-5
	Fumo-Hose (Standard) Flexible hose that can work up to 2750 psi. at 70 F. Standard hose for universal application methods. Use with any fumigant. Can order special lengths. Ends same as CO2 and air hose. For monitoring line - HMB103 or HSF103 is used.	10 ft	HE103-1
		25 ft	HE103-2
		50 ft	HE103-3
		100 ft	HE103-4
		200 ft	HE103-5
	Fumo-Lock Adapter Adapter used to apply gas to a PD railcar or bulk semi trailer. Standards are 3" and 4" but can custom order. Available with and without QC.	3 in.	HE104-3
		4 in.	HE104-4
		3 in. QC	HE104-3Q
		4 in. QC	HE104-4Q
	Fumo-Copper System 50 ft. of flexible copper tubing, with ferruled ends for cylinder adapter and extra application equipment accessories. Mainly used in fixed settings, and for regular trailer/container applications. Special lengths can be ordered. Call FSS, Inc.	50 ft	HE105
	Fumo-Swivel Union Set This set allows for a male to female end or male to male end application hose connection using swivel mechanism.	M x F only	HE106-F
		M nipple	HE106-M
		set	HE106-B

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Eco2Fume Equipment









Eco2Fume (Eco) Fumigation Equipment Description	Sizes	Item #
	<p>Fumo-Swivel Union Female This union allows for a female to female end application hose connection using swivel mechanism.</p>	<p>HE107</p>
	<p>Q.C. Union - ## Quick connect type of union comes with female (nut) end always: Male end (insertion piece) with male threading for hose hookup --- Male end (insertion piece) with female threading for hose hookup --- This QC union is check valved at both ends when disconnected. Full flow QC unions available for certain applications. Call for info.</p>	<p>male end HE108-M femal end HE108-F</p>
	<p>Fumo-Tee All male ends for female connection. Swivel unions commonly associated with this item. Hook up hoses to shoot 2 cylinders into 1 location, or use to spread gas into 2 locations.</p>	<p>HE109</p>
	<p>Fumo-Tee Female 2 female ends and main male end. Swivel unions commonly associated with this item. Hook up hoses to shoot 2 cylinders into 1 location, or use to spread gas into 2 locations.</p>	<p>HE110</p>
	<p>Fumo-Cross 4 female ends for male connection. Swivel unions commonly associated with this item. Hook up hoses to shoot 1-3 cylinders into 1 location, or use to spread gas into 1-3 locations.</p>	<p>HE111</p>
	<p>Fumo-Bow Union for shoot line at a 90 degree angle. Swivel unions commonly associated with this item. male to male - - male to female (Street) - - female to female</p>	<p>M x M HE112-M M x F HE112-S F x F HE112-F</p>

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Eco2Fume Equipment



Eco2Fume (Eco) Fumigation Equipment Description		Sizes	Item #
	Fumo-Plug Male end plug for end of application hose or for openings on tee, cross, elbow, or manifolds when not in use but have gas inside. Female end cap for end of application hose or for openings on tee, cross, elbow, or manifolds.	male plug	HE113-M
		female cap	HE113-F
	Fumo-Cog - ## Restricts amount of gas applied to a known timed interval: .02 regulates flow to approximately .5 lbs / minute or 30 lb / hr .03 regulates flow to approximately 1 lbs / minute or 60 lb / hr .04 regulates flow to approximately 1.5 lbs / minute or 120 lb / hr This method is sometimes used with SF.		HE114-2 HE114-3 HE114-4
	Fumo-Rod - ## Used at the end of application hose usually with valve to apply Eco into very tight crevices, such as between trailer doors, bin tops, or into bags. Comes 12 inch standard, but can be custom length. Can shape in certain fashions before delivery for specific purposes. Call FSS, Inc. for more information.	12 inch	HE115
	Fumo-Valve Used at the end of application hose usually with application equip. Controls flow of Eco into target area. High pressure rated.		HE116
	Manifold - ## Comes with a pressure gauge for safety. Attach multiple application hoses for larger fumigations. Standard manifolds come with 3 to 6 ports. Call FSS, Inc. for custom and <u>spider</u> manifolds. Come w/ QC fittings by adding Q after item number, eg -HC117-4Q. Come w/ valves by adding V after item number, e.g. - HC117-6V	3 port - 1 out 4 port - 1 out 5 port - 1 out 6 port - 1 out	HE117-3 HE117-4 HE117-5 HE117-6
	Fumo-Rack Use when you don't have enough cylinders for a full rack Eco2fume for shipment, or for storage purposes. Fabricated steel cage.		HE118

Custom equipment can be ordered. Contact FSS, Inc. for pricing. All items have been field tested and proven successful for intended use.

Eco2Fume Equipment



Eco2Fume (Eco) Fumigation Equipment Description	Sizes	Item #
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When (- ##) appears behind description - DO NOT DISASSEMBLE the tube fitting at the end of equipment.



Bulkheads are used for bins and problematic equipment hard to reach as a permanent solution. Many systems can be manufactured. Call FSS, Inc.

Transfill Systems











FSS, Inc. can fabricate Transfill systems for Eco2Fume and for air supply cylinders. We do not offer 1 type of system due to a wide variety of customer requests. Contact us if you would like assistance w/ development or fabrication of safe Transfill systems.



Custom equipment can be ordered. Contact FSS, Inc. for pricing. All items have been field tested and proven successful for intended use.

VaporPH3os Equipment









VaporPH3os (Vph) Fumigation Equipment Description	Sizes	Item #
	<p>Nitrogen Cylinder Adapter Hook up to a cylinder of Nitrogen for use on HDS machine. Wrench required.</p>	<p>HV101</p>
	<p>Hand Tight Adapter Hook up to a cylinder of Nitrogen for use on HDS machine. No wrench required.</p>	<p>HV101-H</p>
	<p>Vph Cylinder Adapter Hook up to a cylinder of Vph Wrench required.</p>	<p>HV102</p>
	<p>Hand Tight Adapter Hook up to a cylinder of Vph No wrench required.</p>	<p>HV102-H</p>
	<p>(Horn Diluphos System) HDS 800 195 Grams per minute</p>	<p>HV103</p>
	<p>HDS 200 47 grams per minute</p>	<p>HV104</p>
	<p>HDS 80 19 grams per minute</p>	<p>HV105</p>
	<p>HDS CF9 6 grams per minute</p>	<p>HV106</p>

Custom equipment can be ordered. Contact FSS, Inc. for pricing. All items have been field tested and proven successful for intended use.

CO2 Equipment









Carbon Dioxide (CO2) Fumigation Equipment Description		Sizes	Item #
	CO2 Cylinder Adapter Hook up to a cylinder of CO2 Wrench required.		HC101
	Hand Tight Adapter Hook up to a cylinder of CO2 No wrench required.		HC101-H
	Application Hose (Low Temperature) - ** Flexible hose that can work up to 3000 psi. at 70 F and can withstand extremely low temperatures. Great for ends of CO2 application hose where ends tend to freeze. Can order special lengths. Ends same as Eco and air hose.	10 ft	HC102-1
		25 ft	HC102-2
		50 ft	HC102-3
		100 ft	HC102-4
		200 ft	HC102-5
	Application Hose (Standard) Flexible hose that can work up to 2750 psi. at 70 F. Standard hose for universal application methods. Use with any fumigant. Can order special lengths. Ends same as Eco and air hose.	10 ft	HC103-1
		25 ft	HC103-2
		50 ft	HC103-3
		100 ft	HC103-4
		200 ft	HC103-5
	CO2 Monitor Line Specialized line designed to hold CO2 for accurate readings. CO2 is a volatile gas that can escape most materials, but not this. Use SF connectors with this tubing for monitoring purposes. Comes only in 25 ft. sections.	25 ft	HC104
	Copper Application System 50 ft. of flexible copper tubing, with ferruled ends for cylinder adapter and extra application equipment accessories. Mainly used in fixed settings, and great for regular trailer/container applications. Special lengths can be ordered. Call FSS, Inc.	50 ft	HC105
	2 Piece Swivel Union Set This set allows for a male to female end or male to male end application hose connection using swivel mechanism.	M x F only	HC106-F
		M nipple	HC106-M
		set	HC106-B

Custom equipment can be ordered. Contact FSS, Inc. for pricing. All items have been field tested and proven successful for intended use.

CO2 Equipment








Carbon Dioxide (CO2) Fumigation Equipment Description		Sizes	Item #
	<p>Female Swivel Union</p> <p>This union allows for a female to female end application hose connection using swivel mechanism.</p>		HC107
	<p>Q.C. Union - ##</p> <p>Quick connect type of union comes with female (nut) end always: Male end (insertion piece) with male threading for hose hookup --- Male end (insertion piece) with female threading for hose hookup --- This QC union is check valved at both ends when disconnected. Full flow QC unions available for certain applications. Call for info.</p>	male female	HC108-M HC108-F
	<p>Branch Tee</p> <p>All male ends for female connection. Swivel unions commonly associated with this item. Hook up hoses to shoot 2 cylinders into 1 location, or use to spread gas into 2 locations.</p>		HC109
	<p>Branch Tee Female</p> <p>2 female ends and main male end. Swivel unions commonly associated with this item. Hook up hoses to shoot 2 cylinders into 1 location, or use to spread gas into 2 locations.</p>		HC110
	<p>Cross</p> <p>4 female ends for male connection. Swivel unions commonly associated with this item. Hook up hoses to shoot 1-3 cylinders into 1 location, or use to spread gas into 1-3 locations.</p>		HC111
	<p>Elbow</p> <p>Union for shoot line at a 90 degree angle. Swivel unions commonly associated with this item.</p>	M x M M x F F x F	HC112-M HC112-S HC112-F
	<p>male to male - - male to female (Street) - - female to female</p>		

Custom equipment can be ordered. Contact FSS, Inc. for pricing. All items have been field tested and proven successful for intended use.

CO2 Equipment






Carbon Dioxide (CO2) Fumigation Equipment Description		Sizes	Item #
	Plug Male end plug for end of application hose or for openings on tee, cross, elbow, or manifolds when not in use but have gas inside. Female end cap for end of application hose or for openings on tee, cross, elbow, or manifolds.	male plug female cap	HC113-M HC113-F
	Restrictor Cog - ## Restricts amount of gas applied to a known timed interval: .02 regulates flow to approximately .5 lbs / minute or 30 lb / hr .03 regulates flow to approximately 1 lbs / minute or 60 lb / hr .04 regulates flow to approximately 1.5 lbs / minute or 120 lb / hr This method is sometimes used with SF.		HC114-2 HC114-3 HC114-4
	Application Rod - ## Used at the end of application hose usually with valve to apply CO2 into very tight crevices, such as between trailer doors, bin tops, or into bags. Comes 12 inch standard, but can be custom length. Can shape in certain fashions before delivery for specific purposes. Call FSS, Inc. for more information.	12 inch	HC115
	Control Valve Used at the end of application hose usually with application equip. Controls flow of CO2 into target area. High pressure rated.		HC116
	Manifold - ## Comes with a pressure gauge for safety. Attach multiple application hoses for larger fumigations. Standard manifolds come with 3 to 6 ports. Call FSS, Inc. for custom and spider manifolds. Come w/ QC fittings by adding Q after item number, eg -HC117-4Q Come w/ valves by adding V after item number, e.g. - HC117-6V	3 port - 1 out 4 port - 1 out 5 port - 1 out 6 port - 1 out	HC117-3 HC117-4 HC117-5 HC117-6
	Tarping Material CO2 CO2 is a very volatile gas and only certain polymers can block its escape. Other tarping material CANNOT be substituted for CO2 applications. High levels of CO2 in ambient air can be dangerous. Comes in 78 ft. wide sections and in increments of 25 ft. long - up to 300 ft. Specify length when ordering.		HC118

Custom equipment can be ordered. Contact FSS, Inc. for pricing. All items have been field tested and proven successful for intended use.

CO2 Equipment








Carbon Dioxide (CO2) Fumigation Equipment Description		Sizes	Item #
 	Carbon Dioxide Safety Training If you are interested in using CO2 to fumigate stored product pests and for other uses, this would be a great tool. Power Point and limited consultation also included.		HC119
	FSS, Inc. CO2 Designs FSS, Inc. has designed CO2 application systems delivering extremely large amounts in a safe setting. Please contact us to assist in developing the CO2 system that meets your specific needs.		
When (- ##) appears behind description - DO NOT DISASSEMBLE the tube fitting at the end of equipment.			

Custom equipment can be ordered. Contact FSS, Inc. for pricing. All items have been field tested and proven successful for intended use.

Fumigation Accessories









Accessories for all types of Fumigations		Sizes	Item #
	Air Cylinder Adapter Hook up to a cylinder of air for refilling SCBA tanks. Wrench required.		HA101
	Hand Tight Adapter Hook up to a cylinder of air for refilling SCBA tanks. No wrench required.		HA101-H
	Air Filling Line for SCBA This single valved system fills SCBA Tanks for standard 2100 psi. Hose is designed to work at 2750 psi. Longer hose upon request. The glycerin pressure gauge can withstand up to 5000 psi. Special design for air cylinders only !!!!!!!	6 ft	HA102
	Self Contained Breathing Apparatus with Cylinder - ** SCBA with full face mask - check/alarm gauge - Without Cylinder SCBA comes with an aluminum cylinder and full face mask. 2100 psi cylinder and necessary pressure check/alarm gauge.		HA103 HA103-A
	SCBA comes with a composite cylinder and full face mask. 2100 psi cylinder and necessary pressure check/alarm gauge.		HA103-C
	SCBA Cylinder - ** Aluminum Cylinder - Check with your local Fire Dept. for scheduled maintenance.		HA104-A
	Composite Cylinder - Check with your local Fire Dept. for scheduled maintenance.		HA104-C
	SCBA Carrying Case This case is molded to fit your SCBA for protection during transportation. Highly recommended if transporting SCBA.		HA105
	Face Mask for Canister Use Full face mask uses canisters that filter toxins out of ambient air. Mask does not protect against an Oxygen deficient atmosphere. Fits almost any face size. Comes in small - medium - large	small	HA106-S
		medium	HA106-M
		large	HA106-L

Custom equipment can be ordered. Contact FSS, Inc. for pricing. All items have been field tested and proven successful for intended use.

Fumigation Accessories



Accessories for all types of Fumigations		Sizes	Item #
	Canister for Face Mask Phosphine Gas Cartridge - Use in up to 15 ppms of Phosphine.		HA107-P
	Organic Vapors Cartridge		HA107-O
	Bin/Space Entry Cage Safely and comfortably enter grain bins and confined spaces. Safer than a bosens chair.	18"	HA108-1
		24"	HA108-2
	Application Hose (High Pressure) - ** Flexible hose that can work up to 5000 psi. at 70 F. Used mainly with Vaporizer in Methyl Bromide applications. Use with any fumigant - even CO2. Can order special lengths. Ends same as Eco, CO2, and air hose. Special ends can be substituted for Vaporizer attachment.	10 ft.	HA109-1
		25 ft.	HA109-2
		50 ft.	HA109-3
		100 ft.	HA109-4
		200 ft.	HA109-5
	Steel Braided Hose - ** Very durable hose with steel braided protection. Works up to 3500 psi. at 70 F. Used mainly with Vaporizer in MB applications. Use with any fumigant - even CO2. Can order special lengths. Ends same as Eco, CO2, and air hose. Special ends can be substituted for Vaporizer attachment.	10 ft.	HA110-1
		25 ft.	HA110-2
		50 ft.	HA110-3
		100 ft.	HA110-4
	Specialty Sealing Bags For small fumigations, save time and money with quick and easy setup and breakdown. Three sizes - Oversized. 4 mil. Thickness - Comes 25 bags per roll. For large rolls of plastic ranging from 12 ft. to 40 ft. wide and up to 400 ft. long, see METAL PHOSPHIDE section item # HMP101.	3' x 3' x 3'	HA111-1
		4' x 4' x 4'	HA111-2
		5' x 5' x 5'	HA111-3
	Tarping Material - ** This highly durable fiber reinforced material is the best gas impermeable material on the market. Holds Methyl Bromide, Sulfuryl Fluoride, and Phosphine gas, with high efficiency. Comes in 78 ft. wide sections and in increments of 25 ft. long - up to 300 ft. Specify length when ordering.		HA112

Custom equipment can be ordered. Contact FSS, Inc. for pricing. All items have been field tested and proven successful for intended use.

Fumigation Accessories

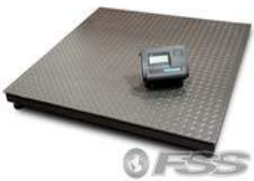




Accessories for all types of Fumigations		Sizes	Item #
	Re-circulation Sealing Tape - Water Proof Gas impermeable - Strong, durable, elastic tape designed to seal joints of corrugated drainage pipe commonly used to re-circulate Phosphine gas in grain structures. 8 mil. Tensile Str.-20 lbs/sq.in. Each roll - 108 ft. x 2 in. - - - Each case - 24 rolls. Can also use on venting hose joints.	roll	HA113
		case	HA113-C
	Brown Sealing Tape Tape designed to stick to plastic and surface to create a gas impermeable seal. Tape can be used for many purposes. Each roll - 120 ft. x 3 in. - - - Each case - 16 rolls.	roll	HA114
		case	HA114-C
	Spray Adhesive Help tarps stick to tape in colder weathers. Also used to create a seal on porous material such as concrete and brick. Apply as needed. This spray helps adhere to wet surfaces. Each can - 12 oz. - - - Each case - 12 cans.	can	HA115
		case	HA115-C
	Fire Rated Expansion Foam For sealing walls at fire break areas. Not affected by moisture. Seals concrete, brick, wood, metal, aluminum, steel. 24 oz. can fills 1 cubic foot.	can	HA116
	Sand Snake - ** Use this sand filled sleeve to create a pressure seal on large tarped fumigations. 25 per order. Durable vinyl material with triple seam. Material WILL Last in all weather conditions. Corner Covers - durable sleeves that cover the corners of a trailer or "boxed" fumigation to protect tarp. 4 per order.		HA117-S
			HA117-C
	Cylinder Scale 300 lb. maximum capacity. 1.375 in. tall. 9.25" x 9.25. platform. Digital readout. Measures exact dosage for cylinderized fums. Can add 400 lb. capacity. Can substitute for a 14 in. x 14 in. platform. Can add both 400 lb. capacity and 14 in. x 14 in. platform.		HA118
		400 lb.	HA118-1
		14 x 14	HA118-2
		complete	HA118-3

Custom equipment can be ordered. Contact FSS, Inc. for pricing. All items have been field tested and proven successful for intended use.

Fumigation Accessories









Accessories for all types of Fumigations		Sizes	Item #	
	Pallet Scale Place pallets of cylinders or equipment of any type for exact measurement. 5500 lb. maximum capacity. Measures kg & lbs. 4' x 4' platform. Digital readout. Can add a ramp for assisting cylinders on and off of scale. Can add 2 ramps.	1 ramp 2 ramps	HA119 HA119-1 HA119-2	
		Cylinder Scale - Heavy Duty 1000 lb. maximum capacity. 4 in. tall. 15 in. x 15 in. platform. Digital readout. Measures exact dosage for cylinderized fums. Can add a ramp for assisting cylinders on and off of scale. Can substitute for a 24 in. x 24 in. platform. 24 in. Platform with ramp.	w / ramp 24 x 24 w / ramp	HA120 HA120-1 HA120-2 HA120-3
		Surface Thermometer Hold a few inches away from product or surface and pull trigger to get immediate, accurate temperature in a digital readout. Uses a laser sight, up to 750 F.		HA121
		Probe Thermometer - ** Use probe to get core temperatures on commodities or products with digital readout. Single zone temperature range -40 to 300 F. Can be used for USDA regulated fumigations. -40 to 150 C. Look in USDA section for other thermometer models.		HA122
	Temperature Gauge - ** Records continuous temperature in weekly increments. Keeps written record of specific location temperature. Can be ordered to record remotely. AC powered with battery backup.		HA123	
	Fumigation Timer Highly accurate and dependable. This is a rugged timer Comes in 1 hour or 24 hour time intervals.	1 hour	HA124-1	
		24 hour	HA124-2	

Custom equipment can be ordered. Contact FSS, Inc. for pricing. All items have been field tested and proven successful for intended use.

Fumigation Accessories









Accessories for all types of Fumigations		Sizes	Item #
	Trailer Vent Great for venting trailers of all types, while they are locked.		HA125
	Re-circulation Fan - ** Re-circulates gas in tarped or trailer fumigations. Rugged and long-lasting. Steel wire cage. 3 speeds - 24 in. circum. 1 fan pushes enough air for 3000 - 4000 cubic ft. re-circulation.	24 inch	HA126-1
		18 inch	HA126-2
	High Powered Fan for Venting Very durable in all weather conditions - Can supply power option. Fans are designed to push large volumes of air with resistance for extended times. cfm depends on amount of static pressure. 12 in. circum with .75 HP motor - produces up to 2500 cfm 18 in. circum with 1.5 HP motor - produces up to 5000 cfm	12"	HA127-1
		18"	HA127-2
	Re-circulation Blower - ** This blower creates a closed system of air. 4 in. openings. Pushes air through hose to exterior of building. Great for outdoors. Small blower for venting small fumigations w/ reinforced vent hose. Medium blower for venting fumigations with reinforced vent hose.	small	HA128-1
		medium	HA128-2
	Reinforced Venting Hose Gas impermeable venting hose. Use to capture gas to purge out of structures. Comes in 25 ft or 50 ft. sections. Use re-circulation sealing tape to create an air tight seal.	4" - 25 ft.	HA129-1
		12" - 25 ft.	HA129-2
		18" - 25 ft.	HA129-3
		4" - 50 ft.	HA129-4
		12" - 50 ft.	HA129-5
		18" - 50 ft.	HA129-6
	Venting Hose Connector Connect 2 sections of venting hose to create longer lengths with this aluminum connector. Use re-circulation sealing tape to create an air tight seal.	4 inch	HA130-1
		12 inch	HA130-2
		18 inch	HA130-3

Custom equipment can be ordered. Contact FSS, Inc. for pricing. All items have been field tested and proven successful for intended use.

Fumigation Accessories









Accessories for all types of Fumigations		Sizes	Item #
	On Site Cylinder Dolly Haul cylinders around with ease. NOT FOR PUBLIC ROAD USE! Cylinders attach to back of vehicle for job site use. Sturdy attachment to hitch of truck. Secures many cylinder types.		HA131
	Tube Cutter This cuts 3/8 in. and 1/4 in. Methyl Bromide and Sulfuryl Fluoride tubing (shoot and monitor line) with ease and with a perfect cut every time.		HA132
	Specialty Hose Reel Reel up your shoot line hose and keep it protected when not in use. Reels up to 200 ft. of 1/2 in. OD hose.		HA133
	Heavy Duty Pulley 6 inch plain block with safety hook. 6000 lb. max. capacity. Holds up to 3/4 inch cable. Solid steel with bronze bearing. Corrosion resistant. Removable grade 5 heat treated fasteners.		HA134
	Headlamp Attaches to head and/or hardhat. Bright 1 Watt super high-flux Luxeon LED (50,000 hour life) Great for confined spaces and night tasks.		HA135
	Fingerless Sealing Gloves Great for when hand protection is needed and still have the versatility of your fingers.		HA136

Custom equipment can be ordered. Contact FSS, Inc. for pricing. All items have been field tested and proven successful for intended use.

Fumigation Accessories






Accessories for all types of Fumigations		Sizes	Item #
	<p>Fumigator's Pouch Holds standard can of adhesive spray and utility knife. Attaches to belt loop.</p>		HA137
	<p>Line Labeling Device Organizational numbering device for labeling gas application and monitoring lines. Legend 0 - 9. Polyester tape. Withstands temperatures from -40 to 250 degrees F.</p>		HA138
	<p>Oxygen Cylinder Adapter Hook up to a cylinder of Oxygen for multiple uses. Wrench required.</p>		HA139
	<p>Hand Tight Adapter Hook up to a cylinder of Oxygen for multiple uses. No wrench required.</p>		HA139-H
	<p>Cylinder Wall Brace Secures 1 cylinder to a wall with chain wrap Screws not included because each wall requires different mounting.</p>	1 brace	HA140-1
	<p>Secures 2 cylinder to a wall with chain wrap Custom Wall Braces can be made larger than dual braces Call for custom braces larger than 2</p>	dual brace	HA140-2
	<p>Fumigation Wrench Open all types cylinders and fasten all connections to all hoses with ease using this 1 wrench. This is a life saver for all types of fumigations.</p>		HA141
	<p>Pipe Tape Use to assist in sealing joints to certain application hose. Use when retightening joints. It is important to get a good seal on all of your fumigation equipment for safety reasons.</p>		HA142

Custom equipment can be ordered. Contact FSS, Inc. for pricing. All items have been field tested and proven successful for intended use.

Fumigation Accessories









Accessories for all types of Fumigations		Sizes	Item #
	Pressure Gauge Used if there is more than one cylinder of CO2 or Eco2Fume being applied in a fumigation. Always check gauge for safe handling. Reads up to 3000 psi. - liquid filled. Medium pressure gauge up to 600 psi. - liquid filled. Low pressure gauge for pressure up to 60 psi.	3000 psi 600 psi 60 psi	HA143-H HA143-M HA143-L
		Face Shield All polycarbonate material face shield with adjustable headgear. Always use face protection when applying cylinderized gas.	HA144
		Disposable Venting Hose This is a cheap alternative for venting hose if fumigations are not always local. Cut to the size needed. All rolls are 6 mil. -- 4 in. & 12 in. comes in 1000 ft. rolls and 18 inch comes in 500 ft. rolls.	4 inch 12 inch 18 inch

Custom equipment can be ordered. Contact FSS, Inc. for pricing. All items have been field tested and proven successful for intended use.

Warning Placards

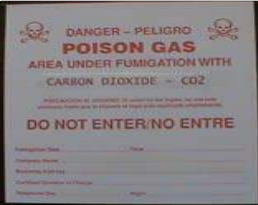




Warning Placard Description - All Placards are Red Lettered	Sizes	Item #
 <p>DANGER - PELIGRO POISON GAS AREA UNDER FUMIGATION WITH METHYL BROMIDE DO NOT ENTER/NO ENTRE</p>	<p>Methyl Bromide Warning Placard - ** Contains all Emergency Contact information and fits legal requirements. English and Spanish Warning announcement. 250 Placards per box 50 laminated Placards 50 laminated Placards with magnetic strips</p>	<p>HW101 HW101-L HW101-M</p>
 <p>DANGER-FUMIGATION PELIGRO-FUMIGACION FUMIGACION WITH DEADLY POISON ALL PERSONS ARE WARNED TO KEEP AWAY PERSONAS Y PASAJOS SIN ORDENACION DE PERSONA</p>	<p>Sulfuryl Fluoride Warning Placard - ** Contains all Emergency Contact information and fits legal requirements. English and Spanish Warning announcement. 250 Placards per box 50 laminated Placards 50 laminated Placards with magnetic strips</p>	<p>HW102 HW102-L HW102-M</p>
 <p>DANGER/PELIGRO Structure And/Or Commodity Under Fumigation - DO NOT ENTER/NO ENTRE PHOSPHINE GAS This Enclosure Is Being Fumigated With</p>	<p>Aluminum Phosphide Warning Placard - ** Contains all Emergency Contact information and fits legal requirements. English and Spanish Warning announcement. 250 Placards per box 50 laminated Placards 50 laminated Placards with magnetic strips</p>	<p>HW103 HW103-L HW103-M</p>
 <p>DANGER/PELIGRO Structure And/Or Commodity Under Fumigation - DO NOT ENTER/NO ENTRE PHOSPHINE GAS This Enclosure Is Being Fumigated With</p>	<p>Magnesium Phosphide Warning Placard - ** Contains all Emergency Contact information and fits legal requirements. English and Spanish Warning announcement. 250 Placards per box 50 laminated Placards 50 laminated Placards with magnetic strips</p>	<p>HW104 HW104-L HW104-M</p>
 <p>DANGER/PELIGRO Poison Gas Hydrogen Phosphide-Phosphine-PH, Carbon Dioxide-CO₂ Area And/Or Commodity Under Fumigation - DO NOT ENTER/NO ENTRE THIS ENCLOSURE IS BEING FUMIGATED WITH ECO₂FUME</p>	<p>Eco2Fume Warning Placard - ** Contains all Emergency Contact information and fits legal requirements. English and Spanish Warning announcement. 250 Placards per box 50 laminated Placards 50 laminated Placards with magnetic strips</p>	<p>HW105 HW105-L HW105-M</p>
 <p>DANGER/PELIGRO Poison Gas Hydrogen Phosphide-Phosphine-PH, Carbon Dioxide-CO₂ Area And/Or Commodity Under Fumigation - DO NOT ENTER/NO ENTRE THIS ENCLOSURE IS BEING FUMIGATED WITH VAPORPH₃OS</p>	<p>VaporPH3os Warning Placard Contains all Emergency Contact information and fits legal requirements. English and Spanish Warning announcement. 250 Placards per box 50 laminated Placards 50 laminated Placards with magnetic strips</p>	<p>HW106 HW106-L HW106-M</p>

Custom equipment can be ordered. Contact FSS, Inc. for pricing. All items have been field tested and proven successful for intended use.

Warning Placards









Warning Placard Description - All Placards are Red Lettered	Sizes	Item #
 <p>DANGER - PELIGRO POISON GAS AREA UNDER FUMIGATION WITH CARBON DIOXIDE - CO2 DO NOT ENTER / NO ENTRE</p>	<p>Carbon Dioxide Warning Placard Contains all Emergency Contact information and fits legal requirements. English and Spanish Warning announcement. 250 Placards per box 50 laminated Placards 50 laminated Placards with magnetic strips</p>	<p>HW107 HW107-L HW107-M</p>
 <p>Caution / Cuidado DO NOT ENTER / NO ENTRE Pesticides Being Used In case of emergency call 303-427-6666</p>	<p>General Pesticide Warning Placard Contains all Emergency Contact information and fits legal requirements. English and Spanish Warning announcement. 250 Placards per box 50 laminated Placards 50 laminated Placards with magnetic strips</p>	<p>HW108 HW108-L HW108-M</p>
	<p>Plastic Envelope Sleeve Plastic sleeves that seal placard inside & adhere to any surface. Totally transparent and keeps the weather off. Sleeves are 14" x 14". 500 sleeves per order 2000 sleeves per box</p>	<p>HW109 HW109-B</p>

Custom equipment can be ordered. Contact FSS, Inc. for pricing. All items have been field tested and proven successful for intended use.

Security Equipment






Fumigation Security Equipment Description	Sizes	Item #
	<p>Clam Shell Lock - Handle/Lever Place over a door handle/lever - Secures door from original key entry. Can be keyed alike or separate. No need for additional padlock. Made from cast aluminum.</p>	<p>HS101</p>
	<p>Clam Shell Lock - Knob Place over a door knob - Secures door from original key entry. Can be keyed alike or separate. No need for additional padlock. Made from cast aluminum.</p>	<p>HS102</p>
	<p>2 Piece Key 2 Piece key will separate in the keyhole and can only be removed with its own counterpart. No other key can be placed in keyhole, making it impossible to unlock original lock. Minimum order - 50 Keys - Need original lock manufacturer and lock number to order.</p>	<p>HS103</p>
	<p>Gas Cylinder Lock Attaches to the valve of the cylinder and prevents tampering with that valve. Padlock is needed and sold separately.</p>	<p>HS104</p>
	<p>King Pin Lock Solid Steel lock attaches to trailer 5th wheel preventing hookup. Can be keyed alike or separate.</p>	<p>HS105</p>
	<p>Glad Hands Lock Attaches to the Hydraulic sliding "Glad Hands" of trailer preventing hookup to all lines. Keyed alike or separate. Made from cast aluminum.</p>	<p>HS106</p>

Custom equipment can be ordered. Contact FSS, Inc. for pricing. All items have been field tested and proven successful for intended use.

Security Equipment



Fumigation Security Equipment Description	Sizes	Item #
	<p>Padlock Standard steel padlock - includes 2 keys. Keyed alike. 4 pins in locking mechanism. 5/8 in. shackle height and width. Weather resistant.</p>	HS107
	<p>Padlock - Long Shackle Standard steel padlock with long shackle - includes 2 keys. Keyed different. 4 pins in locking mechanism. 2 in. shackle height and 3/4 in. shackle width. Weather resistant.</p>	HS108
	<p>Padlock - Combination Standard steel padlock that uses combination lock. Includes 1 change key. 3 dial combination that is resettable. 1 in. shackle height and 3/4 in. shackle width. Weather resistant.</p>	HS109

Custom equipment can be ordered. Contact FSS, Inc. for pricing. All items have been field tested and proven successful for intended use.

Payment Terms

All credit accounts are payable within 30 days of purchase date. Finance charges will be assessed at a periodic rate of 1.5% per month (Annual Percentage Rate of 18%). Shipments will not be made to accounts with an overdue balance.

Credit Card Policy

We accept Visa, MasterCard, or American Express. Terms available with approved credit application.

Sales Tax

Applicable sales tax will be added. If a customer is tax exempt, provide an exemption certificate when order is placed or sales tax will be charged.

Price Notification

Prices are subject to change without prior notice. The price in effect at shipment will prevail. We will make an effort to keep our customers up to date on price changes. Please confirm a current price at the time orders are placed. A \$50 U.S. Dollar minimum is required on all orders. There will be a \$5.00 U.S. Dollar processing fee placed on orders less than \$50 U.S. Dollars.

Freight Policy

All shipments are made F.O.B. (Freight on Board) shipping point unless otherwise specified. Orders will be shipped pre-paid freight and added to the invoice. We will try to get all orders shipped as soon as possible.



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Damaged Freight

Shipments that arrive with missing merchandise or damaged items should be noted on the delivery receipt along with the signature of the driver and a printed record of the driver's name. Report all damaged shipment claims within 24 hours.

Return for Credit

No merchandise shall be returned for credit without the prior approval of Fumigation Service & Supply, Inc. Returns may not be accepted after 14 days of receipt, and the customer will be notified of the acceptance for credit. Any merchandise returned, except where Fumigation Service & Supply, Inc. is at fault, will be responsible for freight charges both ways, and assessed a 15% restocking fee.

Disclaimer

No warrantee is implied or made by FFS, Inc. concerning these products or their use, except that they conform to their original manufacturer label specifications. FSS, Inc. will not be liable for damages resulting from handling, storage, or misuse of these items.

Substitution of Equipment

All equipment/fittings that pertain to a specific gas application procedure or system **ARE NOT** to be substituted for alternatives for different gas application systems due to the fact that all equipment in a system works for that specific pressure and cylinder type. Substitutions may cause serious bodily injury or damage equipment and/or cylinders.

Quotation

We will quote on larger quantities of items listed in this publication. We will also quote on products not listed in this catalog.



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