

F-EEDSS PRODUCTS FOR USE ON ALL EQUIPMENT. MAY BE USED ON FIRST RESPONDERS IN FULL LEVEL A CHEM SUITS WITH SCBA /BREATHING AIR SELF CONTAINED INSIDE SUITS. NOT FOR USE ON UNPROTECTED PERSONNEL OR VICTIMS



F-EEDSS-TRG



F-EEDSS-SCET



F-EEDSS-SCEB



F-EEDSS-BP2STB



F-EEDSS-XT3



F-EEDSS-EP5



F-EEDSS-GP5

FOR USE WITH VIRTUALLY ALL MANNERS OF LIQUIDS FOR DECON, MOLD PREVENTION/MEDIATION, RETARDANTS, SANITIZERS, ETC.

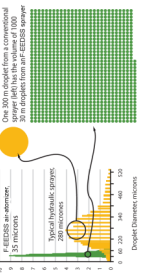
Benefits of Electrostatic Spraying

- ◆ **Safer for all in the area:** Low volume electrostatic spraying means less chemical exposure for all.
- ◆ **More effective:** The small droplet size / improved coverage substantially improves the effectivity of decon coverage.
- ◆ **Multiple Diseases:** Limits transmission of communicable diseases including bacterial infections / influenza / Norwalk virus / salmonella / etc.
- ◆ **Multiple chemicals can be used:** The increased effectiveness means almost all liquid decon solutions can be used.
- ◆ **The environment:** By using safer chemicals and reducing waste, the environmental signature is substantially lightened.



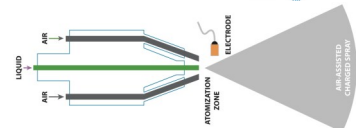
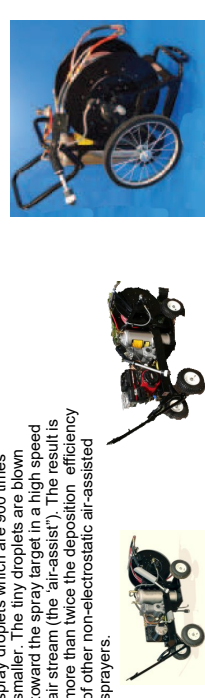
What is Air-assisted Electrostatic Spraying?

F-EEDSS Electrostatic Sprayers use electrostatic technology to give superior spray coverage. But just what is "electrostatic" technology?
 At the tip of the F-EEDSS nozzle is a tiny electrode which applies an electrical charge to the spray. This electrical charging causes a natural force of attraction between the spray droplets and target surface, similar to the attraction between items of clothing created by the tumbling of a clothes dryer. The charge on the droplets is small, but the force pulling the spray towards the target is up to 75 times greater than the force of gravity. Droplets literally reverse direction and move upwards, against gravity, when passing a target surface. This remarkable phenomenon by which the spray coats the undersides and the back-sides of the spray target is known as electrostatic "wraparound."
 In practical terms, this means that spray reaches the underside, the back side, and nooks or crevasses of the target surface.



Size Matters
 None of this would be possible if the droplets were the size of those produced by conventional sprayers. F-EEDSS air-assisted electrostatic sprayers produce spray droplets which are 900 times smaller. The tiny droplets are blown toward the spray target in a high speed air stream (the "air-assist"). The result is more than twice the deposition efficiency of other non-electrostatic air-assisted sprayers.

Spray coverage is the uniformity of spray droplets on target surfaces. Electrostatic sprayers achieve greater spray coverage by combining air turbulence with tiny, evenly-sized spray droplets. Dense coverage on the back and underneath results from electrostatic wraparound. The goal is to achieve an even coating with the disinfectant chemical. If the coverage is spotty or incomplete, chances increase that dangerous infectious organisms will survive. With an electrostatic sprayer, the benefits are clear: Disease control is better because the chance of contact with the disinfecting chemical is greater.



	F-EEDSS-SCET	F-EEDSS-SCEB	F-EEDSS-XT3	F-EEDSS-EPS5	F-EEDSS-GPS5	F-EEDSS-TRG
NOZZLES	1	1	1	1	1	1
EXTERNAL AIR SUPPLY REQ.	N/A - Air Compressor Incl.	N/A - Air Compressor Incl.	N/A - Air Compressor Incl.	N/A - Air Compressor Incl.	N/A - Air Compressor Incl.	YES - No air compressor incl.
CFM REQUIRED	---	---	---	---	---	8 CFM / NOZZLE
ELECTRICITY REQUIRED	110V	110V	110V	220V	N/A; 6.5 hp Gas motor incl.	NO
ELECTRICAL OPTION	220V	220V	220V	3-PHASE MOTOR	NO; SEE EPS	N/A
STANDARD TWIN-LINE HOSE	15 FT. (4.57m.)	---	25 FT. (15.2m.)	150 FT. (45.7 m.) on reel	150 FT. (45.7 m.) on reel	150 FT. (45.7 m.) on reel
MAXIMUM TWIN-LINE HOSE	---	---	75 FT. (30.5m.)	250 FT. (76.2 m.) on reel	250 FT. (76.2 m.) on reel	250 FT. (76.2 m.) on reel
STANDARD AIR HOSE	---	30 FT. (9.14m.)	---	---	---	150 FT. (45.7 m.)
MAXIMUM AIR HOSE	---	300 FT. (19.5 kg.)	---	---	---	250 FT. (76.2 m.)
WEIGHT EMPTY	43 LBS. (19.5kg.)	43 LBS. (19.5 kg.)	87.5 LBS. (39.7 kg.)	230 LBS. (104.4 kg.)	230 LBS. (104.4 kg.)	85 LBS. (38.5 kg.)
WEIGHT FULL	52 LBS. (24kg.)	47.5 LBS. (21.5 kg.)	112.5 LBS. (59 kg.)	270 LBS. (122.5 kg.)	270 LBS. (122.5 kg.)	125 LBS. (56.7 kg.)
SHIPPING WEIGHT	58 LBS. (26.3kg.)	58 LBS. (26.3 kg.)	130 LBS. (59 kg.)	375 LBS. (170 kg.)	375 LBS. (170 kg.)	250 LBS. (113 kg.)
TYPE SHIPPING CONTAINER	BOX	BOX	BOX W/PALLET BOTTOM	CRATE	CRATE	CRATE
MAIN TANK CAPACITY	1.25 GAL. (4.7 L.)	TWO 1-LITER NALGENE® BOTTLES	3 GAL. (11.4 L.)	5 GAL. (18.9 L.)	5 GAL. (18.9 L.)	5 GAL. (18.9 L.)
DIMENSIONS	22"H x 18"W x 10.5"L (56cm. x 46cm. x 27cm.)	22"H x 18"W x 10.5"L (56cm. x 46cm. x 27cm.)	42"H x 18"W x 24"L (110cm. X 46cm. X 61cm.)	31"H x 21"W x 66"L (0.8m. x 0.5 m. x 1.7 m.)	40"H x 22"W x 42"L (102 cm. x 56 cm. x 107 cm.)	40"H x 22"W x 42"L (102 cm. x 56 cm. x 107cm.)
AIR LINE PRESSURE	26 PSI (1.8kg./cm²)	26 PSI (1.8kg./cm²)	30 PSI (2.1 kg./cm²)	50 - 60 PSI (102 cm. x 56 cm. x 107 cm.)	50 - 60 PSI (3.5 kg./cm² - 4.2 kg./cm²)	60 - 70 PSI (4.2 kg./cm² - 4.9 kg./cm²)
TANK PRESSURE	0	0	15 PSI (1.05 kg./cm²)	12 PSI (0.8 kg./cm²)	12 PSI (0.8 kg./cm²)	12 PSI (0.8 kg./cm²)
FLOW RATE (1 NOZZLE) (2 NOZZLES)	1 gal./hr. (3.8 L./hr.)	1 gal./hr. (3.8 L./hr.)	2 gal./hr. (7.6 L./hr.)	2.8 gal./hr. (10.6 L./hr.)	2.8 gal./hr. (10.6 L./hr.)	4. gal./hr. (15.1 L./hr.)
DROP SIZE	40 microns VMD	40 microns VMD	40 microns VMD	40 microns VMD	40 microns VMD	40 microns VMD
SPRAY RANGE	6 - 8 ft. (1.8 m. - 2.4 m.)	6 - 8 ft. (1.8 m. - 2.4 m.)	8 - 12 ft. (2.4 m. - 3.7 m.)	15 - 20 ft. (4.6 m. - 6.1 m.)	15 - 20 ft. (4.6 m. - 6.1 m.)	15 - 20 ft. (4.6 m. - 6.1 m.)
AVAILABLE OPTIONS	Heavy-Duty (heat exchanger)		Add. 50-ft. (12.2 m.) hose. Auxiliary tank and tool tray.	2-headed spray gun - Hose up to 250 ft. (75m)	2-headed spray gun - Hose up to 250 ft. (75m)	2-headed spray gun - Hose up to 250 ft. (75m)

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F-EEDSS-BP2STB

SELF CONTAINED BACK PACK SPRAYER / DECON UNIT - IDEAL DECON SPRAYER FOR ANY AREAS THAT HAVE LIMITED ACCESS TO ELECTRICAL OUTLETS.

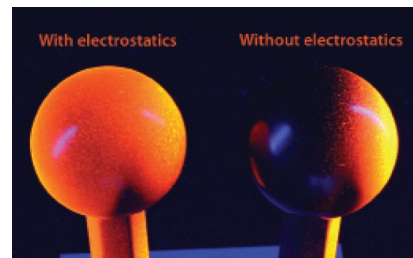


FOR USE WITH VIRTUALLY ALL MANNERS OF LIQUIDS FOR DECON, MOLD PREVENTION / MEDIATION, RETARDANTS, SANITIZERS, ETC.

CHEMICAL CONTAINER	1 One-Liter Nalgene Bottle
BACKPACK DIMENSIONS	20"H x 13.5"L x 9.5"W (508mm. x 342.9mm. x 241.3mm.)
HOSE (AIR AND LIQUID)	3 Feet
FLOW RATE	75/80 ml per minute
WEIGHT	30 LBS with gun & empty bottle
BATTERY TYPE	24v / 20 ah LiFe PO4
BATTERY RUN TIME	Approx. 2 hours
DROPLET SIZE	40 micron VMD
SPRAY RANGE	4 to 5 Feet



The black knob on the left was sprayed with fluorescent dye and with the electrostatic system operative. The knob on the right was sprayed with the electrostatic system off. The spray coverage is so uneven that the back side of the knob remains untouched and is actually able to reflect the evenly-coated electrostatic knob.



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F-EEDSS-MSCD03

FSI economy, fine liquid particle, electric ULV cold fogger/sprayer (non-electrostatic); 110V/60Hz (220V 50 hz on demand), three prong plug with 15' L approx. (4.5 M) power cord, packed dim. approx. 26.5 inches long X 9 inches wide X 11 inches high, weight approx. net = 7 lbs/gross = 9 lbs, tank capacity 2 L; effective range: 20-26 ft (6-8m), works continuously with refill required after an hour of use; Color - orange/white; Atomization volume: approx. 470ml/min; Particle size :20-160µm (adjustable); Power: 800W; 1 PC carry belt; 2 PCS carbon brush; 1 PC silencer cotton; 8 PCS nozzles (8 different SIZES); of ABS; User manual; CE approved/certified.

F-EEDSS-MSCD03D

FSI Battery Pack electrostatic ULV cold fogger/sprayer with battery charger; Integral Battery 24VDC/10AH; Charger 29.4V/5 (Approx. 3 lb, 11" X 3" X 1.5" 1 installed lithium battery with 1 free extra battery per unit – with 1 year warranty); 2 hour charge time offers up to an hour of operating time at 100 %; packed dim. approx. 26.5" long X 9" wide X 11" high, packed weight approx. 18 pounds (8Kg), tank capacity 2 L; effective range: 10-26 ft (3-8m), works continuously for 1 hour before refill required; Color - orange/white; Atomization volume: approx. 470ml/ min; Particle size :20-160µm (adjustable); Power 240W; 1 PC carry belt; 2 PCS carbon brush; 1 PC silencer cotton; 8 PCS nozzles (8 different SIZES) with # 4 nozzle (80 µm) being most often used; of ABS; User manual CE approved/certified.



F-EEDSS-MS79010

FSI BACKPACK electrostatic ULV cold fogger/sprayer with battery pack and charger; Integral 6lb. approx. 6" X 5" X 4" Battery 24VDC/30AH; Charger 29.4V/5 ('Tesla' Overpressure battery – with 1 year warranty); 4-5 hour charge time offers up to 5.5 hours of operating time at 100 %; approx. 29" long X 11" wide X 26" high (73 cm X 27 cm X 66cm), Packed weight approx. 30 pounds (14Kg), tank capacity 10 L (2.3 Gall); effective range: 26 - 46 ft (8-14 M) with electrostatic FAN ON – 4-8 ft with FAN OFF; Color – white ABS; Particle/Nozzle sizes :(adjustable) = 10-30µm; 20-70µm; 80-130µm. Power 160W; User manual CE approved/certified. Single unit – approx. packed dimensions 30" X 12" X 27" (74cm X 28cm X 67cm)

F-EEDSS-3T-G1

FSI small hand held 'nano fine particle' spray gun (non-electrostatic); Voltage: 5 V / 2 A; Power: 15 W; Bottle Volume: 250 ML; Material: ABS; Net weight: 1.1 lb (0.5 kg); Gross weight: 1.2 lbs (0.55 kg); Battery capacity: 4800 mAh (Charging cable: USB plug) Approx. Product size: 9" X 3" X 8" (218 x 68 x 202 mm)



non-electrostatic

