

Comparison of ESS Small Sprayers' Technical Specifications




	SC-ET Stationary tank with drain	SC-EB Two nalgene bottles, no tank	XT Pressurized 3 gallon tank with 25 ft hose
Nozzles	1	1	1
External air supply req.	No	No	No
CFM required	—	—	—
Electricity required	110v	110v	110v
Electrical option	220v	220v	220v
Standard twin-line hose	15 ft. (4.57m.)	—	25 ft. (15.2 m.)
Maximum twin-line hose	—	—	75 ft. (30.5 m.)
Standard air hose	—	30 ft. (9.14 m.)	—
Maximum air hose	—	300 ft. (91.4 m.)	—
Weight empty	43 lbs. (19.5 kg.)	43 lbs. (19.5 kg.)	87.5 lbs. (39.7 kg.)
Weight full	52 lbs. (24 kg.)	47.5 lbs. (21.5 kg.)	112.5 lbs. (51 kg.)
Shipping weight	58 lb. (26 kg.)	58 lbs. (26.3 kg.)	130 lbs. (59 kg.)
Type shipping container	Box	Box	Box w/pallet bottom
Main tank capacity	1.25 gal. (4.7 L.)	Two 1-liter Nalgene® bottle	3 gal. (11.4 L.)
Dimensions	22" H × 18" W × 10.5 (56 cm. × 46 cm. × 27 cm.)	22" H × 18" W × 10.5" (110 cm. × 46 cm. × 27 cm.)	42" H × 18" W × 24" L (110 cm. × 46 cm. × 61 cm.)
Air line pressure	26 PSI (1.8 kg./cm ²)	26 PSI (1.8 kg./cm ²)	30 PSI (2.1 kg./cm ²)
Tank pressure	0	0	15 PSI (1.05 kg./cm.)
Flow rate	1 gal./hr. (3.8 L./hr.)	1 gal./hr. (3.8 L./hr.)	2 gal./hr. (7.6 L./hr.)
Drop size	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 – 2.4 m.)	8 – 12 ft. (2.4 m. – 3.7 m.)
Available options	Heav-Duty (heat exchanger)		Addn'l 50-ft. (15.2 m.) hose Auxiliary tank and tool tray

To order or learn more about this and other ESS products, call us toll-free at 1-800-213-0518 or visit us online at www.maxcharge.com



Electrostatic
Spraying Systems

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	MBP	EPS	GPS	TRG
Nozzles	1	1	1	1
External air supply req.	No	No	No	Yes
CFM required	—	—	—	8 CFM/nozzle
Electricity required	No; 6.5 hp Gasoline motor	220v	No; 6.5 hp Gasoline motor	No
Electrical option	N/A	3-phase motor	No; see EPS	N/A
Standard twin-line hose	—	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	—	250 ft. (76.2 m.) on reel	250 ft. (76.2 m.) on reel	250 ft. (76.2 m.) on reel
Standard air hose	100 ft. (30.5 m.)	—	—	150 ft. (45.7 m.)
Maximum air hose	250 ft. (76.2 m.)	—	—	250 ft. (76.2 m.)
Weight empty	88 lbs. (40 kg.)	230 lbs. (104.3 kg.)	230 lbs. (104.3 kg.)	85 lbs. (38.5 kg.)
Weight full	120 lbs. (54.4 kg.)	270 lbs. (122.5 kg.)	270 lbs. (122.5 kg.)	125 lbs. (56.7 kg.)
Shipping weight	300 lbs. (136. kg.)	375 lb. (170 kg.)	375 lb. (170 kg.)	250 lbs. (113 kg.)
Type shipping container	Crate	Crate	Crate	Crate
Main tank capacity	2.5 or 4.0 gal. (9.5 L or 15.1 L.)	5 gal. (18.9 L.)	5 gal. (18.9 L.)	5 gal. (18.9 L.)
Dimensions	45" H x 25" W x 72" L (114 cm. x 13.5 cm. x 183 cm.)	31" H x 21" W x 66" L (0.8 m. 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 107 cm.)
Air line pressure	60 – 70 PSI (4.2 kg./cm ² – 4.9 kg./cm ²)	50 – 60 PSI (102 cm. x 56 cm. x 107 cm.)	50 – 60 PSI (3.5 kg./cm ² – 4.2 kg./cm ²)	60 - 70 PSI (4.2 kg./cm ² - 4.9 kg./cm ²)
Tank pressure	0	12 PSI (0.8 kg./cm ²)	12 PSI (0.8 kg./cm ²)	12 PSI (0.8 kg./cm ²)
Flow rate (1 Nozzle)	2.5 gal./hr. (9.5L./hr.)	2.8 gal./hr. (10.6 L./hr.)	2.8 gal./hr. (10.6 L./hr.)	4. gal./hr. (15.1 L./hr.)
(2 Nozzles)		5.2 gal./hr. (19.7 L./hr.)	5.2 gal./hr. (19.7 L./hr.)	
Drop size	40 microns VMD	40 microns VMD	40 microns VMD	40 microns VMD
Spray range	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.)	15 – 20 ft. (4.6 m. - 6.1 m.)
Available options	2-headed spraygun	2-headed spraygun	2-headed spraygun	2 or 3 headed spraygun



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