

SOLO®

THE BETTER CHOICE. SINCE 1948.
German quality sprayers and cut-off machines



eFog 480

WORLD FIRST



Made in Germany



SOLO eFOG 480 - Emissions free fogging in the ULV micron range
The new battery-powered backpack cold fogger from SOLO



SOLO's new battery-powered backpack cold fogger, the eFOG 480, sets a global benchmark for professional vector control and plant protection. It can also be used for indoors for disinfection of surfaces.

It is quiet, lightweight, cordless, and emission-free: portable cold fogging has never been easier or more efficient and effective. The combination of a backpack base with a connected handheld applicator creates a unique fog with extremely small, adjustable droplet sizes.

Powered by an 18 V lithium-ion battery, the high-pressure pump generates a highly efficient chemical fog through the nozzle, which can be directed using an adjustable blower. A laser aiming aid is added for practical targeting assistance.

■ APPLICATION

Suitable for fogging chemicals, in vector control: highly mobile combating of carriers of dangerous human diseases in both outdoor and indoor areas - cordless and emission-free.

Ideal for professional pest control. The SOLO cold fogger eFOG 480 excels in room and surface disinfection to keep indoor spaces and surfaces germ-free.

■ WHAT MAKES THE SOLO BATTERY-POWERED COLD FOGGER EFOG 480 SO UNIQUE?

• A NEW DIMENSION

Droplet size makes the difference. What was previously unachievable is now reality! This battery-powered cold fogger achieves droplet size ranges that were previously only possible by heavy noisy thermal foggers or cold foggers with combustion engines. The lightweight SOLO cold fogger operates quietly and above all emission-free. This can be operated in noise-sensitive areas.

• THE HIGH-PRESSURE PUMP MAKES THE DIFFERENCE

This machine has a specially developed high-pressure electric pump. It generates an operating pressure of up to 130 bar. The result is an unparalleled level of chemical fog generation for cold foggers. 75% of the droplets have a diameter of less than 15 µm. All of this in a cordless, compact design for maximum working flexibility.

• COMFORT MEETS PRACTICALITY

The droplet size range can be conveniently adjusted via the electronic control panel. The integrated laser aiming aid is particularly helpful in targeting the chemical fog under unfavorable environmental conditions. All essential device information can be found on the control panel: blower output, pressure range, battery status, filtration, and service notifications.

The large 18 V lithium-ion battery enables practical working intervals thanks to the pump system's high efficiency. A second battery can be carried in the device which doubles the standard operating time of 3.5 hrs. to 7.

• Safety first

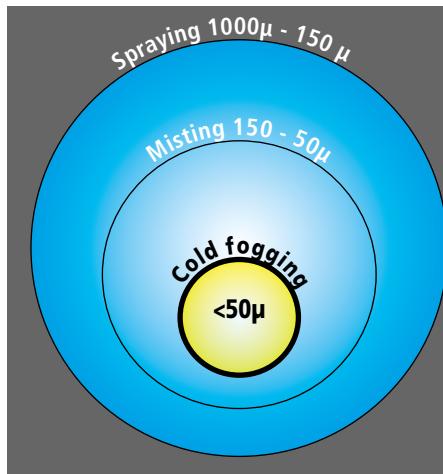
All sensitive electronic components and battery are hermetically sealed from the environment. The chemical liquid is filtered multiple times from the filler opening to the high-tech nozzle. All filters can be replaced quickly. System ventilation is easy and quick. The control panel displays important device information, such as the need for maintenance.

■ SOLO PRODUCT DETAILS

- Anatomically designed unit with a 6L chemical tank
- Exceptionally comfortable backpack carrying system with hip belt
- Compact - handheld unit with blower and keypad
- Extremely efficient - high-pressure pump, removable 18V Li-ion battery and fast charger
- Adjustable fan speed
- Laser aiming assistance
- Additional nozzle for different droplet size can purchased separately.
- Additional battery slot in the backpack unit for carrying a second battery
- Very quiet, emission-free, and cordless

eFOG 480 - Fogging in the μ -Range, cordless and emission-free

SOLO's new battery-powered backpack cold fogger



SOLO eFog 480 output data with water 20°C

nozzle	pressure setting	output flow				droplet size in μm			
		ml/min	L/h	oz/min	USgal./h	DV50	DN50	DV50	DN50
0.1	1	19	1,14	0,642	0,301	47,6	14	35,5	12
	2	27,4	1,64	0,927	0,434	42	13	28,8	11
	3	33,7	2,02	1,140	0,534	39,1	11	26,1	11
	4	38,5	2,31	1,302	0,610	38,2	10	23,5	10
	1	41,2	2,47	1,393	0,653	53,7	16	41,6	15
	2	60,8	3,65	2,056	0,964	48,6	15	35,4	14
	3	74,5	4,47	2,519	1,181	45,2	13	32,2	13
	4	86,3	5,18	2,918	1,368	44,9	12	30,2	12



All functions fully integrated into the hand controller for quick, comfortable & easy adjustments while spraying.



Hand unit with control panel and integrated blower fan

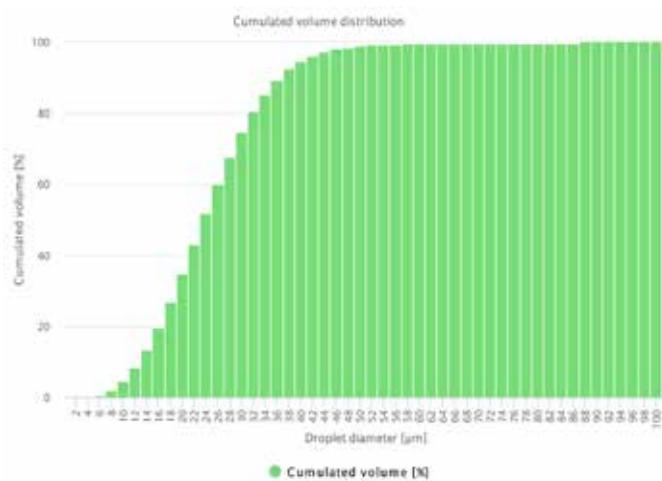
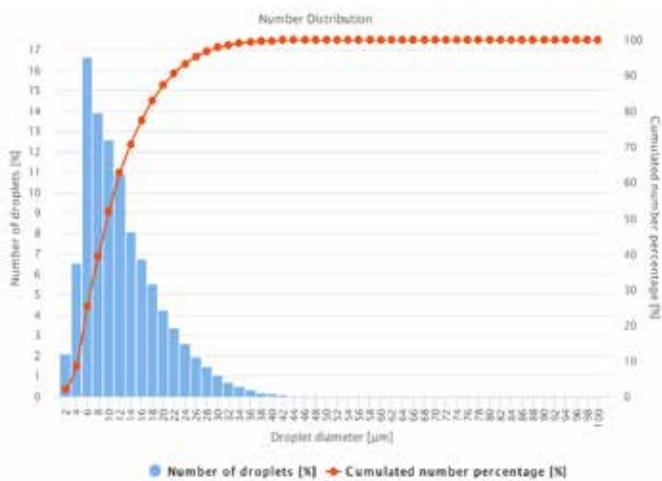


Ergonomic shape, practical carry handle, and large filler opening



Battery compartment for operating battery and space for a spare battery

DATA ON DROPLET SIZES



Technical Data (measurement mode: PDA)

Pressure (water)	[bar]	130,00
Flow rate (water)	[l/min]	0.038
Pressure (air)	[bar]	-
Flow rate (air)	[m ³ /h i.N.]	-
Ratio air : water	-	-
Height	[mm]	-
Sauter D32	[µm]	20.3
DV10	[µm]	12.8
DV50	[µm]	23.7
DV90	[µm]	36.3

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TECHNICAL DATA

Model	SOLO eFOG 480 Battery-Powered Cold Fogger
Tank	6 L (1.6 US gal.)
Pump	High-pressure pump max. 130 bar (1885 psi)
Battery	18 V Li-Ion battery; 5 Ah
Charger	4 A, 100-240 V, 50/60 Hz
Nozzles	0,1 mm and 0,2 mm
Operating time per battery	3.5 h pump only (pressure level 4, 130 bar); 1.6 h pump (pressure level 4, 130 bar) + blower max. power; each with nozzle 0.1
Charging time	1,5 h
Droplet sizes MVD	23-48 µm, adjustable
Blower airflow	280 m ³ /h at 16 m/s (165 cfm at 52 fps)
Droplet sizes MVD ¹ (DV50), water-based	adjustable by pressure and blower levels: Nozzle 0.1: 23 - 48 µm Nozzle 0.2: 30 - 54 µm
Droplet sizes MND ² , water-based	Nozzle 0.1, at max. pressure: 10 µm
Output rate Pressure-dependent	Nozzle 0.1: 1.14 - 2.31 L/h (0.301 - 0.610 USgal/h) Nozzle 0.2: 2.47 - 5.18 L/h (0.653 - 1.368 USgal/h)
Dry weight	Backpack unit 7.3 kg (16.1 lbs) with battery; Hand unit 1.3 kg (2.9 lbs)

¹⁾Mean volumetric diameter. 50% of the total liquid volume is smaller than the stated values, 50% is larger.

²⁾Mean numeric diameter. 50% of the droplet count is smaller, 50% larger than the stated value.

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Please note: personal protective equipment varies according to country-specific regulations and instructions from the spray medium manufacturer. Subject to technical modifications. 70 350 01/2025