



PRESKO 500 ULV FOGGER USER MANUAL

Presco ✓

Safety Precautions

- You must ensure the machine is connected to the correct power supply. Connecting the machine to the wrong voltage could cause the motor to overheat and cause a fire.
- Always use a 13A RCD Adaptor plug between the fogging machine and your 230v power supply.
- Only connect to 220 - 230v power supply.
- Do not connect to a 110v power supply.
- Never move the machine by pulling on the power cord.
- In case of any exposed wiring, damage to the machine or any of its components, turn off immediately at the wall socket and do not use. Take to an authorised centre for repair.
- Do not modify the machine – this will void the warranty and compromise the safety of the machine.
- Do not Inhale the fog/mist when spraying. The micro-droplets are quickly absorbed into the lungs. Depending on the chemical being used this could result in serious injury or death.
- Do not fog a flammable liquid. The motor produces heat and could be a source of ignition.
- You must wear protective equipment (face/breathing mask, gloves and protective clothing). Ensure you have studied the safety data sheet of the chemical you are using and protect yourself accordingly.
- Keep the machine away from children.

Warning! Please read all the necessary instructions before using the Device. The most important, follow all the safety measures indicated in this user manual. Obey the maintenance rules. Following the maintenance rules would extend the device's life. Please contact with HSC makina technical service about your questions.

Package and Environmental Health

Please keep your device in its original package for no damage to occur during shipment and transport. If you no longer need the package, dispose or store it in accordance with the instructions related to environmental health. Package material is recyclable. Dispose of the device at the end of its lifetime in accordance with the related instructions.

PRESCO 500 Overview

Use the 500 for disinfection, pest control, odour control and plant protection.

The 500 works by expelling a fine, almost invisible mist into the atmosphere which eventually settles on all surfaces including those impossible to reach by conventional methods.

The machine is compact, lightweight and robust. The large 5 litre tank and powerful 1400w 240v electric motor allow the covering of large areas with ease.

The ability to adjust the fogger output from a vapour of just 9 µm up to a fog 49 µm, and flow rate up to 49 litres per hour makes this machine suitable for the application of disinfectants, biocides, fungicides and pesticides.

Regular fogging with an approved disinfectant such a Presco 5817 as will help prevent the cross-infection of viruses such as MRSA, Covid 19 Coronavirus (human and feline), Strangles, Ringworm and many more.

Below symbols have been used in this user and maintenance manual.

Symbols



Danger – May cause accident and injuries.



Do not approach with flame to the solution store.



Please follow the instructions indicated in the user manual before starting, maintaining or cleaning the device.



Wear a protective ear-muffs while using.



Wear a protective glove while using.



Wear a suitable mask while the device is running to avoid poisoning.



Chemical used can be inflammable.

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The most used and given with the device hardware are as below.

1. Spare Part	Location
Fluid Tank	For the fluid to be used in the implementation
Power Plug	Power plug used in countries
Air Filter	Spare of sponge air-suction filter
Manual	In the box

2. SERVICE SPARE PART AND WARRANTY CONDITIONS

2.1. Maintenance and Repair

Repair and maintenance of the 500 ULV device shall be performed by qualified and trained personnel. If you own the ULV device and need your device to be repaired, please follow the instructions stated in this manual. Please contact Presco technical service if you have any problems or need additional parts, equipment and testing device for your device. Otherwise, your device will be out of warranty if has a warranty coverage.

2.2. Spare Parts

Presco uses quality parts and raw materials for safe operation. Replace parts of the device that are worn and have completed their lifetime only with equivalent parts. Spare parts you may need during the warranty period are provided to you by Presco. The names and numbers of original parts are indicated in this user manual. Use original parts for the safety of you and your device. Otherwise, note that your device will be out of warranty.

2.3. Warranty Period and Conditions

The product you purchased has **2-Year** warranty against any disruption or dysfunction within the warranty. Your device is either replaced or fixed within the scope of warranty for manufacturing defects or faults of us. In this case, the service period is not more than **20 days**. However, the following items are out of warranty.

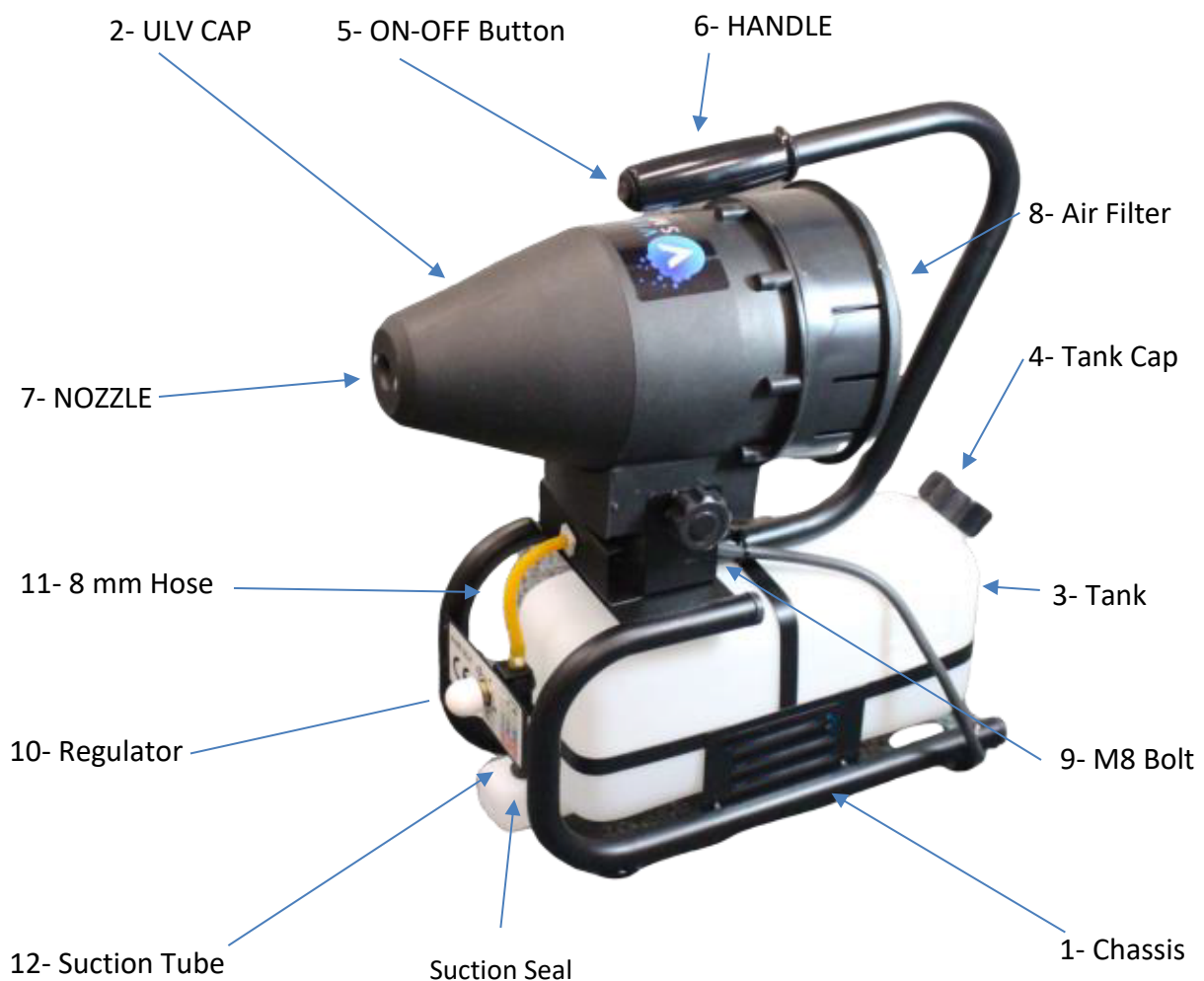
- Not using the product in accordance with the instructions indicated in this user and maintenance manual
- Performing wrong maintenance and repair
- Occurrence of tearing or fraction on device resulting from impact or droppings
- Overutilization of device in a manner to affect the performance limit without a break
- Misuse – Wrong tool use during an incident or maintenance
- Faults occurred due to overheating depending on high contamination at air suction parts
- Wrong use of power
- The maintenance and repair to be made by unqualified and untrained personnel
- Use of spare part other than the original spare part
- It is not suggested to rent out the device, the faults to be occurred due to this reason is also out of warranty

2.4. Maintenance Period

Below materials and spare parts need to be replaced periodically.

- Sponge air suction filter (after each use)
- Device cleaning must be performed after each use.
- Clean water must be discharged with a tank cleaning after each use.

3. IMPORTANT HARDWARE



5. Maintenance and Cleaning

When any maintenance is needed, please do not forget to stop the device. Please contact with Virosmart in case of any fault occurred within this user manual. If any spare part replacement is needed during maintenance, replace only with original parts. Do not ever keep any flame close to the device during maintenance or assembly. Clean the surface of the device with a wet cloth after each use.

5.1. Fluid Tank

- Regularly shake fluid tank with clean water and pour the water.

5.2. Air Filter

- Replace sponge air suction filter with the spare filter after each use and dry it after washing (Only use water)
- Device maintenance should be performed annually in a regular basis and engine should be checked. (service)

6. Power

Use 220-230 V 50-60 hz power.

7. Device Part List

- | | |
|--------------------------|-----------------|
| 1. Chassis | 8. Air Filter |
| 2. ULV Cap | 9. M8 Bolt |
| 3. Tank (5 lt. & 10 lt.) | 10. Regulator |
| 4. Tank Cap | 11.8 mm Hose |
| 5. On-Off Button | 12.Suction Tube |
| 6. Handle | 13.Suction Seal |
| 7. Nozzle | |

8. Turning On/Off the Device

Make sure all safety measures are taken before turning the device on.

TURNING ON

1. Before turning the device on, take the necessary measures.
2. Fill the fluid necessary for the implementation area to the tank.
3. You should adjust regulator in accordance with the fluid amount to be used in the area. See the chart on regulator for information.
4. Ensure you have the appropriate PPE.
5. Switch the On-Off button to “on” position.
6. The device will automatically start.

TURNING OFF

After use Switch the On-Off button to “off” position and turn off at the wall, before removing the plug.

9. Technical Specifications

Specifications	VS-500
<i>Motor</i>	1400 watt
<i>Spray System</i>	ULV
<i>Fluid Tank</i>	5 l
<i>Spray Nozzle</i>	1 pcs.
<i>Regulator</i>	Available
<i>Weight</i>	5,40 kg
<i>Sizes (LXWXH)</i>	50x18x50 mm

10. Discharging Fluid Tank and Cleaning

- Cleaning of fluid tank must be performed periodically after each use. If there is fluid remained, it is transferred to some other container for the next use. Fluid tank is cleaned by washing with clean water and made ready for the next use.

11. Possible Faults and Solution Methods

Problem	Reason of Problem	Solution Method
Device not working	No power	Check for power.
	Power button is off	Turn on the power button.
	Faulty engine	Contact with the service.
Discontinuous Spray	Air intake from suction line	Check suction line and contact with service.
Not spraying fluid	Regulator settings are off	Make settings.
	Fluid suction tube is plugged	Clean the tube.
	No fluid in tank	Check fluid.
	Implementation ended early	Check settings.
	Air filter is highly contaminated	Replace with spare filter.

IMPORTANT WARNING:

VS-500 Electric ULV device is suitable for spreading fluids (disinfectant, pesticide, perfume, water and etc.) in the form of aerosol droplets.

Droplet Size

A droplet size of less than 20 microns is considered as a dry fog. The more sensitive your environment, the smaller the droplet size you should choose. A droplet size of 12 microns (setting 2) is recommended for indoor areas such as offices or domestic properties

Machine Setting Guide

SETTING	FLOW RATE (ml/min)	DROPLET SIZE (MICRONS)
1	12	6
2	40	12
3	75	20
4	95	25
5	115	30
6	140	35

12. Area Coverage

As a guide the solution used per M3 can be calculated at 2ml per m3, although this can vary from 1ml per m3 to 4ml per m3 depending on your chosen droplet size.