



EVOCLEAN

Cordless Integrated
Cleaner for HVAC/R
Systems



Quick start guide

EVOCLEAN is a complete and independent solution for deep cleaning of heat exchangers in air conditioning systems, heat pumps, and refrigeration units.

Powered by a Li-Ion battery and equipped with two tanks (15L for water and 2L for cleaning product), **EVOCLEAN** is fully autonomous. Its features make it particularly suitable for servicing indoor and outdoor units of small capacity. In addition, EVOCLEAN is equipped with a telescopic handle and practical wheels for moving the machine in commercial or residential buildings. The shoulder straps allow hands-free use during short handling operations when necessary.

EVOCLEAN is a device intended for professional use by qualified HVAC technicians.

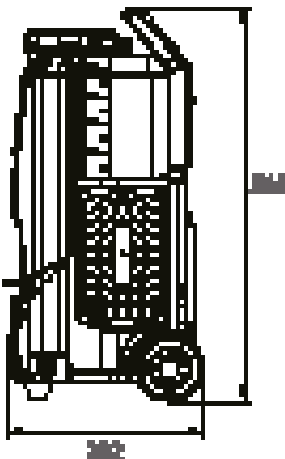
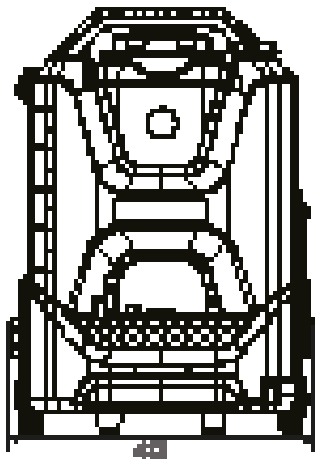
OVERVIEW AND ACCESSORIES



- 1. Clear water tank cap
- 2. Cleaning product tank cap
- 3. Cleaning product tank 2L
- 4. Li-Ion battery cover
- 5. Clear water tank 15L
- 6. Dilution valve (1:3)
- 7. 15° spray nozzle
- 8. Foam nozzle
- 9. 220° swivel head
- 10. Additional lance 37 cm
- 11. Telescopic handle
- 12. Shoulder straps
- 13. ON/OFF button

TECHNICAL DATA

Ref.	3000350	Water tank	15L
Voltage	18V	Cleaning product tank	2L
Power	80W	Hose	5M
Pressure	5/10 bar	Weight	8 kg (empty)



SAFETY RECOMMENDATIONS

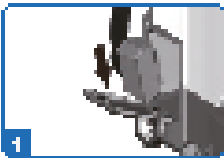
Read this guide carefully before using EVOCLEAN for the first time and strictly follow the instructions below.

- Always check the equipment, hoses, and connections before use.
- After use, release the pressure in the hose and the machine.
- When the tanks are full, the equipment is very heavy. Handle with care and ensure safe movements.
- Wear gloves, protective goggles, and protective masks, especially when using chemical cleaners.
- **DO NOT USE CLEANERS CONTAINING SODIUM OR POTASSIUM HYDROXIDE !**
- Use mild cleaners that will not damage the machine. We recommend EVO-TABS, ACID TABS, and ALKALINE-TABS products.
- Do not use with hot water (> 60°C).
- Make sure the dilution valve is in the CLOSED position before filling the cleaning product tank and when EVOCLEAN is turned off.
- Never expose the machine to frost and store it protected from freezing temperatures and direct sunlight.
- Never use EVOCLEAN with a damaged or defective hose.

STEP-BY-STEP OPERATION

PREPARATION :

- Fill with clean water and a suitable mild cleaner.
- Ensure the battery is sufficiently charged for optimal operation.
- Check that the nozzles are not clogged.
- Check the hose for any damage (tears, bulges, holes, etc.).
- Check connectors, straps, and tank caps.



1 Insert the battery.



2 Fill the water tank.



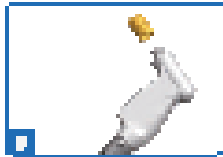
3 Fill the cleaning product tank (e.g. 1 EVO-TABS tablet).



4 Connect the hose.



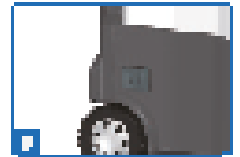
5 Connect the spray gun.



6 Screw on the brass fitting.



7 Connect the nozzle.



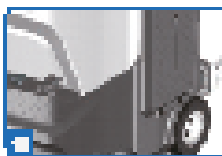
8 Start the machine, selecting the desired pressure.



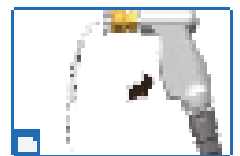
9 Press the trigger to start the spray.



10 Release the trigger to stop the spray.



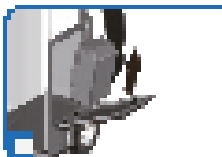
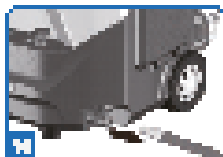
11 Set the valve to OPEN to use diluted cleaner (1:3), or CLOSE to use water only.



12 Drain all water from the machine.

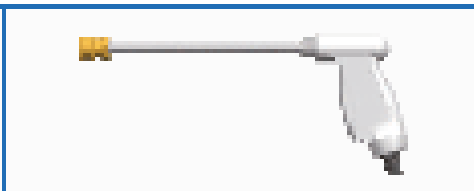
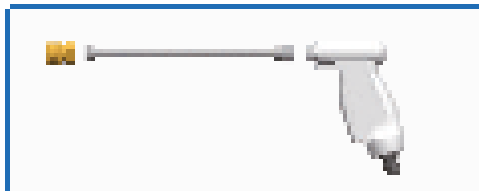


13 valve is set to CLOSE before switching off the machine.



from frost and direct sunlight.

TRANSPORT AND ACCESSORIES



The machine can be transported using the telescopic handle or...



... with the carrying straps

AIR PURGE

During normal operation, air may become trapped in the machine. The procedure below allows you to purge the machine :

- 1** Start EVOCLEAN
- 2** Point the spray gun into the water tank and squeeze the trigger until a strong, continuous spray is achieved

Remarque : Keep the dilution valve in the **CLOSED** position.

MAINTENANCE AND BEST PRACTICES

- It is recommended to finish each use with a rinse using clear water only (valve on CLOSE).
- Do not store EVOCLEAN outdoors.
- Do not leave liquid inside the machine for long periods (more than one week).
- After a long period of inactivity, clean the inside of the tanks and remove any dust.
- Regularly clean the filter.

TROUBLESHOOTING

PROBLEM	PROBABLE CAUSE	SOLUTION
The pump does not start.	Battery discharged	Recharge the battery
	Temperature too low ($< 0^{\circ}\text{C}$)	Bring the machine to a higher ambient temperature
Erratic pressure	Damaged nozzle	Replace the nozzle
	Clogged nozzle	Unclog the nozzle orifice
	The water tank is empty	Fill the water tank
	Air is present in the pump	Remove the nozzle and prime the pump
	Air inlets of tank caps are blocked	Clean the air inlets
The motor keeps running even when the trigger is released.	Hydraulic circuit in the machine is no longer sealed	Check for leaks around the spray gun or pump
	Air is present in the system	Prime the machine again
	Les réservoirs sont vides	Fill the tanks
No water jet.	Water supply is blocked	Clean the inlet filter
	Impurities block the water inlet	Clean and unblock the water inlet
	The pump is defective	Replace the pump

CLEANING PRODUCTS

To ensure optimal use of EVOCLEAN, LINSTRUMENT recommends using ERRECOM brand cleaning tablets, available from all LINSTRUMENT distributors

EVO-TABS, ACID-TABS, and ALKALINE-TABS are mild cleaners to be dissolved in water, ideal for frequent maintenance of HVAC/R systems.

For optimal efficiency, fill EVOCLEAN's small tank with 1.5L of clear water and dissolve one TABS tablet according to the following instructions :

Water Temperature	10°C	20°C	30°C	40°C
Dissolution time (min)	60	35	20	15



EVO-TABS

Mild alkaline cleaner
Indoor units



ALKALINE-TABS

Degreasing cleaner
Outdoor units



ACID-TABS

Descaling cleaner
Outdoor units