

LOWENER



SAMOA

LEADING THROUGH INNOVATION



Disinfectant & Sanitizer
Spray Pump Packages



SAMOA

Disinfectant & Sanitizer Spray Pump Packages

High pressure spraying allows covering large surfaces with sanitation agents, reducing the presence of bacteria, virus and fungi.

The use of high pressure pumps provides a more efficient spraying action, making possible to cover larger areas with lower fluid use than other low pressure applications.

Samoa offers a range of high pressure spraying units to apply liquid sanitizing solutions. **All pumps are valid for intensive use.**

Different technologies are available for better adapting to your needs:

Piston pumps:

- Air operated ATEX certified pumps. For use with flammable liquids.
- Electric motor driven pumps.
- Gasoline motor driven pumps, can be used as autonomous units, with no need to connect to an external power source.

Diaphragms pumps:

- Electric motor driven pumps
- Gasoline motor driven pumps, can be used as autonomous units, with no need to connect to an external power source



Disinfectant & Sanitizer Spray Pump Packages

Applications: spray of disinfectant and sanitizing agents in:

- Office buildings.
- Factories, warehouses and logistic centres.
- Commercial centres, theatres, restaurants
- Bus and train stations, airports.
- Trains, airplanes, buses, rental vehicles, trucks
- Hospitals and health care centres.
- Barracks, hangars, prisons.
- Stadiums, Sport arenas, gymnasiums.
- Roads, parking lots.

Fluids:

Diluted solutions of the most common disinfectants such as :

- Sodium hypochlorite (bleach) 1% maximum
- Paracetic acid (cleaning vinegar) 1% maximum
- Hydrogen peroxide
- Quaternary ammonium compounds (ammonia)
- Ethanol and other alcohols ⁽¹⁾



(1): Use only ATEX certified pumps with alcohols and other flammable fluids.



Disinfectant & Sanitizer Spray Pump Packages

Electric Operated Spray Pump



- Electric Diaphragm pump, high pressure, with aluminum body and Nylon Diaphragm,
- To be used to spray medium to small surfaces.
- Stand Mount with easy-to-carry handle
- Discharge pressure can easily be adjusted.
- Self-priming pump
- **COMPLETE UNIT**, includes all required accessories:
 - High pressure pump, 250 bar, with 0.75 KW motor.
 - 6 m. electric cable
 - 6 l capacity reservoir
 - 10 m x ¼" high pressure hose
 - Airless spray gun with 60 cm extension and 9-40 spray TIP

Motor power:	0.75 Kw
Maximum pressure:	250 bar
Maximum delivery:	2.2 l/min
Weight:	24 Kg

Wetted materials: aluminum, galvanized steel, Nylon and tungsten carbide.

Order information

- **LA411 020**, Electric diaphragm pump, 220 V with 6 l reservoir
- **LA411 010**, Electric diaphragm pump, 110 V with 6 l reservoir

INCLUDES 9-40 SPRAY TIP, SMALLER DROPLETS AND INCREASED FOG EFFECT.



Disinfectant & Sanitizer Spray Pump Packages

Electric Operated Spray Pump



LA412 229

LA412 228

- Electric Diaphragm pump, high pressure, with aluminum body and Nylon Diaphragm,
- Can be used to spray medium to large surfaces.
- Mounted on a trolley.
- Outlet pressure can be easily adjusted.
- Can be used with 200 L drums, 1000 L IBCs or smaller containers.
- Self-priming pump
- Outlet pressure can be easily adjusted.
- Pump includes 6 m. cable.
- Possibility to include a 50 L PVC tank.
- **Pump can be used with two hoses connected to the pump outlet**
- Choose suction accessories, hose and spray gun in the accessories section.

Motor power:	2.2 Kw
Maximum pressure:	250 bar
Maximum delivery:	8 l/min

Wetted materials: aluminum, galvanized steel, Nylon and tungsten carbide.

Order information

- **LA412 228**, Electric diaphragm pump, 220 V
- **LA412 118**, Electric diaphragm pump, 110 V
- **LA412 229**, Electric diaphragm pump with 50 L tank, 220 V
- **LA412 119**, Electric diaphragm pump with 50 L tank, 110 V

**HIGH PRESSURE PUMPS. USE ONLY
RECOMMENDED ACCESSORIES**

- **Autonomous spray unit recommended for outdoor spraying with intensive use.**
- **Pump can be used with two hoses connected to the pump outlet**
- Mounted on an easy to maneuver trolley, this unit mounts a 5.5 HP Yamaha gasoline engine connected with a transmission belt to a high-pressure diaphragm pump.
- Order hoses and spray guns separately.
- Two option available:
 - With a 50 L PVC tank
 - With suction hose to use with a 30 L can mounted on the trolley
- Choose hose and spray gun in the accessories section..

Petrol engine maximum

Power	5,5 HP
Maximum pressure	210 bar
Maximum delivery pump	4 l/min

Materiales en contacto con el fluido: aluminio, acero galvanizado
carburo de tungsteno, Nylon

Order Information:

- **LA491 011** Autonomous sanitation unit with 30 L tank
- **LA491 012** Autonomous sanitation unit with 50 L tank



LA491 012

**HIGH PRESSURE PUMP. USE ONLY
RECOMMENDED ACCESSORIES**



Disinfectant & Sanitizer Spray Pump Packages

Air Operated Spray Pump



LA142 1C4

**HIGH PRESSURE PUMP. USE ONLY
RECOMMENDED ACCESSORIES**

- Air operated piston pump for use with medium to large surfaces in areas where the use of electric pumps is not possible.
- ATEX certified pump Ex III G c IIB T6, can be used with flammable fluids such as alcohol and alcohol solutions..
- Mounted on a trolley, includes air pressure filter, regulator and outlet filter.
- Pump manufactured in Stainless Steel with PTFE and polyethylene seals.
- Can be used with 200 L drums, 1000 L IBCs or smaller containers.
- Self priming pump
- **Pump can be used with two hoses connected to the pump outlet.**
- Choose suction accessories, hose and spray gun in the accessories section.

Requires compressed air, 3 to 7 bar pressure

Pump pressure ratio	30:1
Maximum air inlet pressure	7 bar
Maximum fluid outlet pressure	210 bar
Maximum flow delivery	3.7 litres per minute

Pump wetted materials: AISI 303 and 420 stainless steel, PTFE, Polyethylene and tungstene carbide

Part No. LA142 1C4. 30:1 air operated piston pump, ATEX certified.



Disinfectant & Sanitizer Spray Pump Packages

Electric piston pump



LA402 301

**HIGH PRESSURE PUMP. USE ONLY
RECOMMENDED ACCESSORIES**

- **Electric motor drive piston pump. High pressure and high delivery for intensive use and spraying on large and medium surfaces.**
- **Gasoline engine driven pump available for use as an autonomous unit, without the need of connecting it to an external power source.**
- Pump mounted on a trolley.
- Pump manufactured in stainless Steel with PTFE and polyethylene seals.
- Can be used with 200 L drums, 1000 L IBCs or smaller containers.
- Outlet pressure can be easily adjusted.
- Pumps with electric motor include 4.8 m cable.
- Self-priming Pump.
- **Pump can be used with two hoses connected to the pump outlet.**
- Choose suction accessories, hose and spray gun in the accessories section.

PUMPS WITH ELECTRIC MOTOR

Motor power 2.0 Kw
Maximum pressure 210 bar
Maximum delivery 4 l/min

PUMPS WITH PETROL ENGINE

Motor power 4,4 HP
Maximum pressure 210 bar
Maximum delivery 4 l/min

Wetted materials: AISI 303 and 420 stainless steel, PTFE, Polyethylene and tungsten carbide.

Order information

LA402 302, Electric piston pump, 220 V

LA402 301, Electric piston pump, 110 V

LA402 303, petrol engine driven piston pump

Airless spray gun, maximum working pressure 250 bar. Includes one spray tip and 1/4" single swivel inlet

Part Number LA501 240. Includes one 13-60 high flow spray tip, for outdoors use.

Part Number LA501 241. Includes one 9-40 spray tip, generates smaller droplets and fog effect. For outdoors and indoors use.

Part number LA510 094. 9-40 spray tip Outlet size 0.23 mm,. Produces very small droplet. For indoors and outdoors use.

Part number LA510 136. 13-60 spray tip. Outlet size 0.33 mm. Larger flow, for outdoor use



LA501 240



LA510 136

Spray gun extension outlet

Part Number LA501 902. 60 cm long

Part Number LA501 904. 100 cm long



LA501 904

Pole Guns.

Spray guns specially designed for having an easy access to hard to read areas.

Extra long outlet with a Z swivel before the spray tip for a better spray control. Each pole gun includes a one spray tip.

Part Number LA501 510. 130 cm long pole gun, with 13.60 spray tip

Part Number LA501 511. 180 cm. long pole gun, with 13.60 spray tip

Part Number LA501 512. 240 cm. long pole gun, with 13.60 spray tip



LA501 510

Part Number LA501 515. 130 cm long pole gun, with 9-40 spray tip

Part Number LA501 516. 180 cm. long pole gun, with 9-40 spray tip

Part Number LA501 517. 240 cm. long pole gun, with 9-40 spray tip

Suction hoses and siphon kits

Part number

LA567 003	Siphon kit for 30 L cans
LA567 012	Siphon kit for 200 l drums, made in stainless steel
LA567 150	Suction hose for 1000 L IBCs

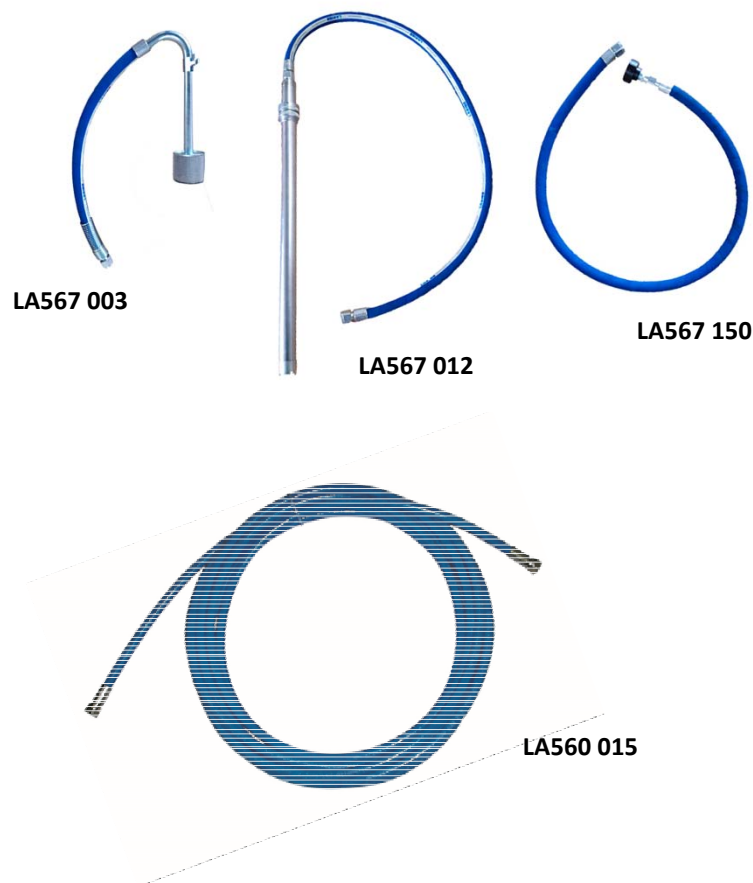
High pressure 1/4" hoses – 228 bar

Part Number

LA560 015	15 m.
LA560 020	20 m.
LA560 025	25 m.
LA560 030	30 m.

Part number LA560 015

Two hoses connection kit for pump outlet.



For mere information kontakt:

Peter Savioli

Mobil nr. 4064 3040

E-mail: psa@loewener.dk

V. Løwener A/S

Smedeland 2 - 2600 Glostrup - 43 200 300

www.loewener.dk - vl@loewener.dk