

# Models 4100/4102 diaphragm pump evacuation systems

Powerful, clean and safe method of used fluid evacuation

The Lincoln 4100 diaphragm pump evacuation system provides a clean, safe method for evacuating used fluids from collection equipment such as portable drains and evacuators, and pumping it through an enclosed system to a remote storage tank. It features a U.L.-listed air-operated double-diaphragm pump that can be conveniently installed near one or more service bays. Any type of used fluid equipment fitted with a  $\frac{3}{4}$  in. cam lock coupler can be easily connected to the pump and evacuated. In addition to the pump, the 4100 includes all recommended air supply, wall-mount bracket, fluid extraction and fluid discharge fittings, components and accessories.

For the convenient evacuation and transfer of non-flammable fluids such as coolant and washer fluid, 4102 is available with a non-U.L.-listed pump.

## Features

- Powerful 1 in. U.L.-listed (4100) or non-U.L.-listed (4102) corrosion-resistant aluminum double-diaphragm pump quickly extracts and transfers fluids from portable drains and other collection equipment
- System can be conveniently installed near service bay(s) and fluid pumped to remote storage tanks
- Kit includes fittings, valves, hoses and other components required for compressed air connection as well as fluid collection and discharge
- Cam lock style connection system can be adapted to virtually any type of drain
- Many new Lincoln drains and evacuators are designed specifically for evacuation using the 4100/4102



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Lincoln manufactures several models of used fluid collection equipment including portable drains, pit drains and evacuators, specifically designed or easily adapted for use with the 4100/4102 system.

*The following components may be required to adapt the 4100/4102 to your application and are available from Lincoln for separate purchase.*

Lincoln 3/4 in. cam lock connectors 276291 with 3/4 in. NPT female thread and 277645 with 3/4 in. male thread, provide the appropriate male connection for the 4100/4102.



Use Lincoln 4105 drain adapter kit to convert a gravity drain or drum for use with the 4100/4102. Threads into 3/4 in. drain outlet, and includes fittings, shutoff valve and male 3/4 in. cam lock connector.



Install Lincoln 274879 3/4 in. check valve or 273607 3/4 in. ball valve at the discharge of the pump to prevent fluid backflow when the pump is shut off.



**Kit includes pump and all air supply, wall-mount bracket, fluid extraction and fluid discharge fittings, components and accessories required for a typical installation.**

The 4100/4102 saves shops time, money and space by locating the evacuation system near the service bay(s) and pumping the fluid remotely.

### Specifications

**Recommended air pressure**  
60–120 psi (4,1–8,2 bar)

**Weight**  
33.8 lbs. (15,3 kg)

4 ft. (122 cm) long braided PVC discharge hose with 3/4 in. fittings

Powerful 1 in. (2,5 cm) aluminum double diaphragm pump

Wall-mount bracket (85257)

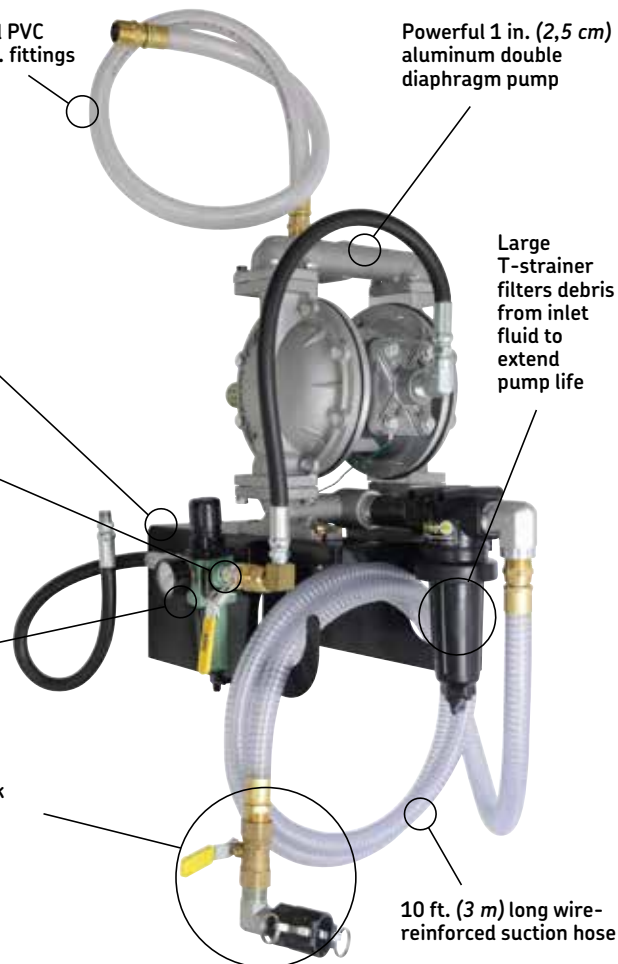
Large T-strainer filters debris from inlet fluid to extend pump life

Includes lockout-style air shutoff valve

Compact filter/regulator assembly

Convenient 3/4 in. cam lock coupler with shutoff valve

10 ft. (3 m) long wire-reinforced suction hose



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