



## CDL SUBMERSIBLE EXTRACTORS

Thank you for purchasing a CDL continuous vacuum extractor with submersible pump. This document will help you get the most of your equipment until you store it after the sugaring season.

This product is backed by a 2 year warranty against fabrication defects. The warranty will be VOIDED if any modification is done to the equipment by anyone other than a CDL technician or if the pump runs without sap or water.

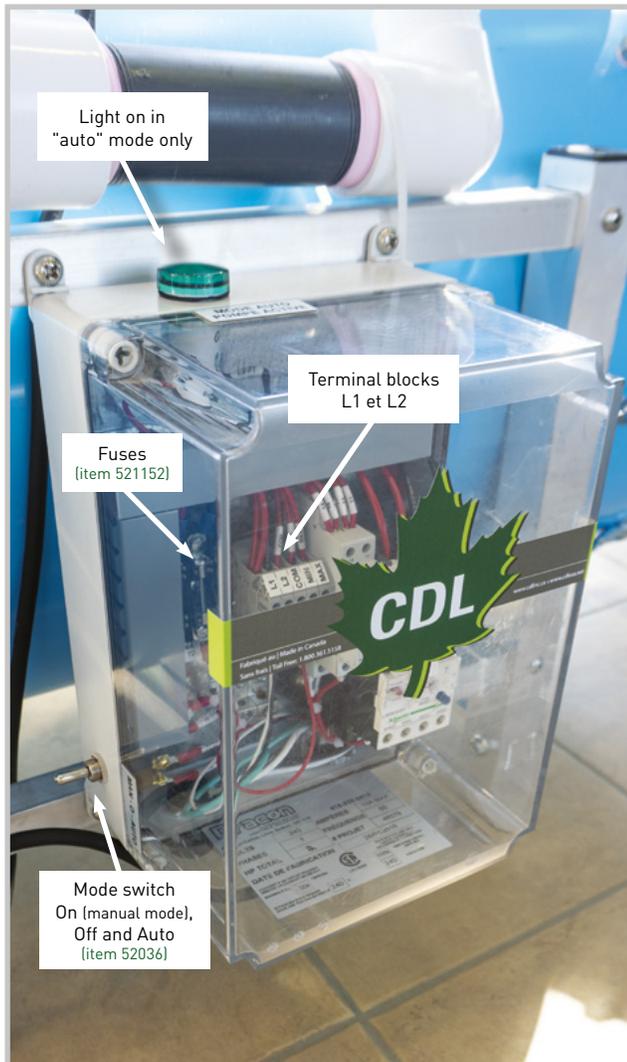


photo 1

### Installation:

1. Before you begin, make sure that nothing, inside or outside, got broken during shipping.
2. Hook up the vacuum inlet.
3. Hook up the sap outlet.
4. Hook up power to terminal blocks L1 and L2 (see photo 1).
5. Place the mode switch to "auto".
6. Before starting, make sure there is no debris blocking the inlet of the pump. After a few hours of operation and occasionally during the season, verify the pump inlet wire mesh to make sure it's still free of dirt or plastic residues. If the pump flow slows down, it's usually the cause.

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For any information or support need, please contact your CDL representative or regional technician.



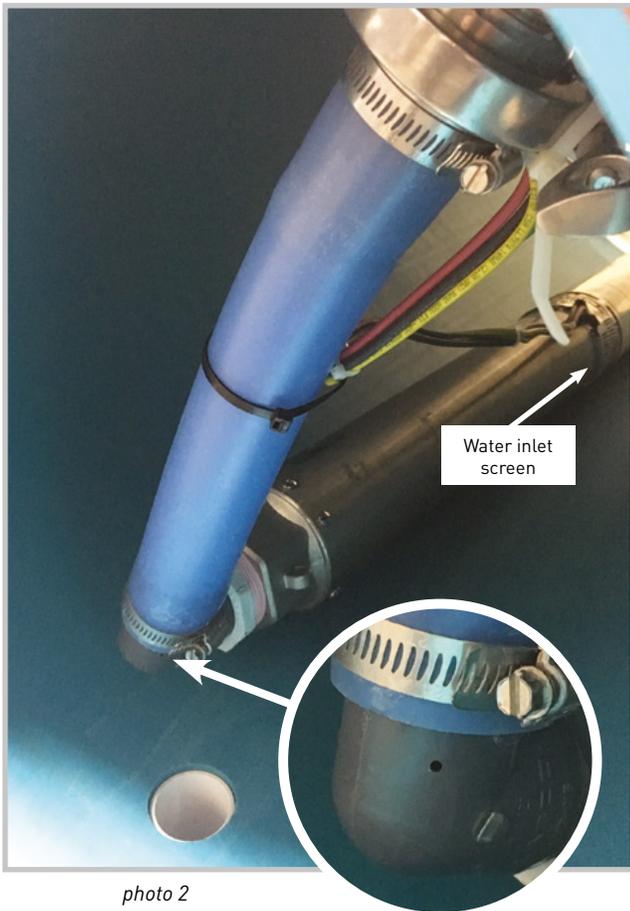


photo 2

7. The little hole located on the outlet elbow is there voluntarily. It's there to prevent an air lock in the pump (see photo 2).
8. Photo 3 shows the pump start level sensor, the pump stop level sensor and the neutral sensor. Make sure all 3 rods stay clean to insure good conductivity.

### Cleaning during season:

- During the sugaring season, it is recommended to clean the inside with warm water, while running the pump to remove sugar residues.

Note: to simplify this task, an optional automatic cleaning sprinkler (item 72000200) is available for all horizontal submersible extractors.

### End of season procedure:

1. Run the pump with warm water (70 °C / 150 °F) by putting the switch ON (manual mode) to remove any sugar residues.
2. Pull out the pump (the wire is long enough) and stand the pump up with the pump head down to drain any water left inside.
3. Clean thoroughly the extractor. When everything is dry, place the pump back inside and close the cover. If you want to leave it open, make sure rodents don't damage anything.

Have a good season!

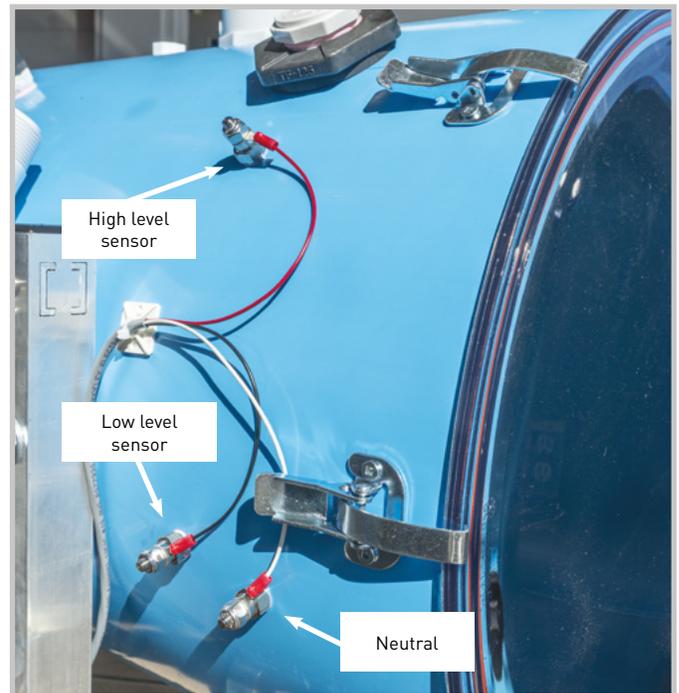


photo 3

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