



# OWNER'S MANUAL



## CDL'S WATER JACKETED TANKS

Les Équipements d'Érablière CDL inc.

Thank you for choosing a CDL water jacketed tank. Our 40 years of experience working with sugarmakers ensures you that you acquired a performant and quality piece of equipment. Before using this piece of equipment, it is recommended to thoroughly read this document.

## **FINDING INFORMATION**

### **Make a record for future use**

Brand: \_\_\_\_\_

Purchased Date: \_\_\_\_\_

Model Number: \_\_\_\_\_

### **Serial number location**

There is no serial number on this unit



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## SAFETY

Even if at first glance, there is no risk to operate a water jacketed tank, accidents can happen. Always think safety. Only use water to reheat maple syrup. Never cover the water filling hole. Pressure can build inside and damage the tank. If the water jacketed tank is installed on a table, make sure it's levelled, stable and far enough from the edge.

A water jacketed tank is very heavy. If you have to move it, it is recommended to have 2 people to avoid back injury.

Never turn the tank on its side or upside down.

Manipulate hot maple syrup can also be hazardous. Always wear heat resistant gloves and be very careful not to spill any hot liquid on you or someone nearby. Serious burns can be caused by hot maple syrup.

Never let the water inside the jacket freeze. It will damage the tank.

Never heat the elements without water inside the jacket. The elements will burn.

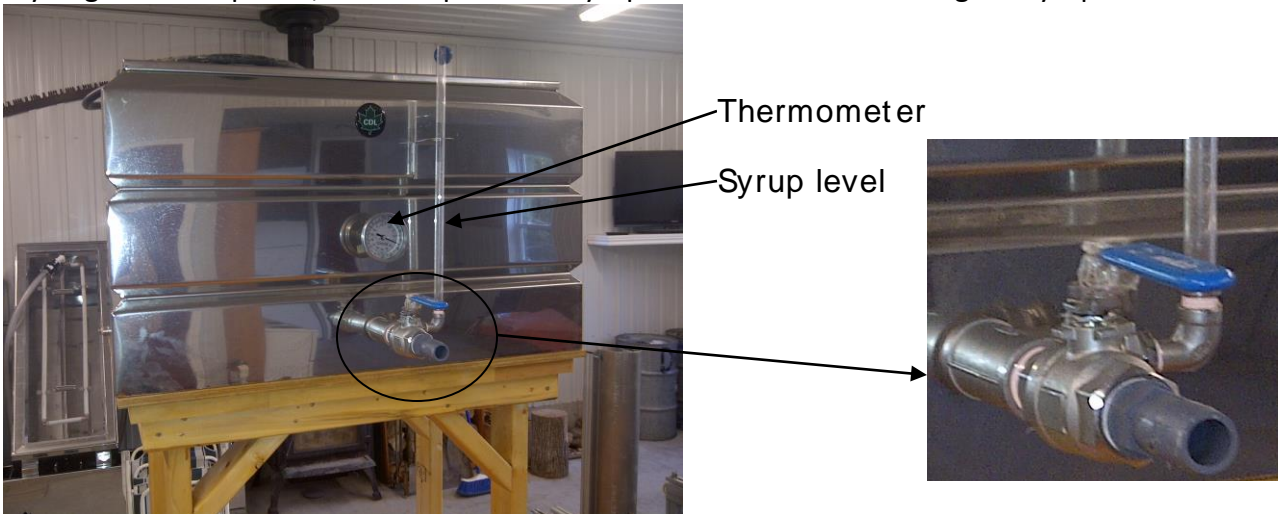


## INSTALLATION

Set the water jacketed tank on a stand, a bottler or a table. Make sure it sits on a very stable surface.

Clean the inside of the main tub, to make sure not to contaminate the maple syrup.

If you got these options, screw in place the syrup thermometers and the glass syrup level.



If you also have the water thermometer and the water level, those are screwed in the water drain plug.



## OPERATION

Using a funnel, fill the outside shell with water in this hole  
The 4 small hole prevent pressure from building inside



Plug in a 220 volt outlet, the electric plug of the heater(s).

Adjust the water temperature between 185°F and 195°F.

Fill the inside tank with maple syrup.

When the syrup reaches a temperature of at least 185°F, you can start packing.

When done, clean the inside tank and you can empty the heating water by removing the plug on the side of the tank



## **MAINTENANCE**

Maintaining your CDL water jacketed tank is very easy. Keep the inside tank clean.

## **TROUBLESHOOTING GUIDE**

The thermostat is on, but the syrup is not heating

The heating coil is burned, replace the heater.

No water in the outside shell. Shut power off, fill the tank and heat again.

Power problem: the heater is not plugged or the breaker is off.

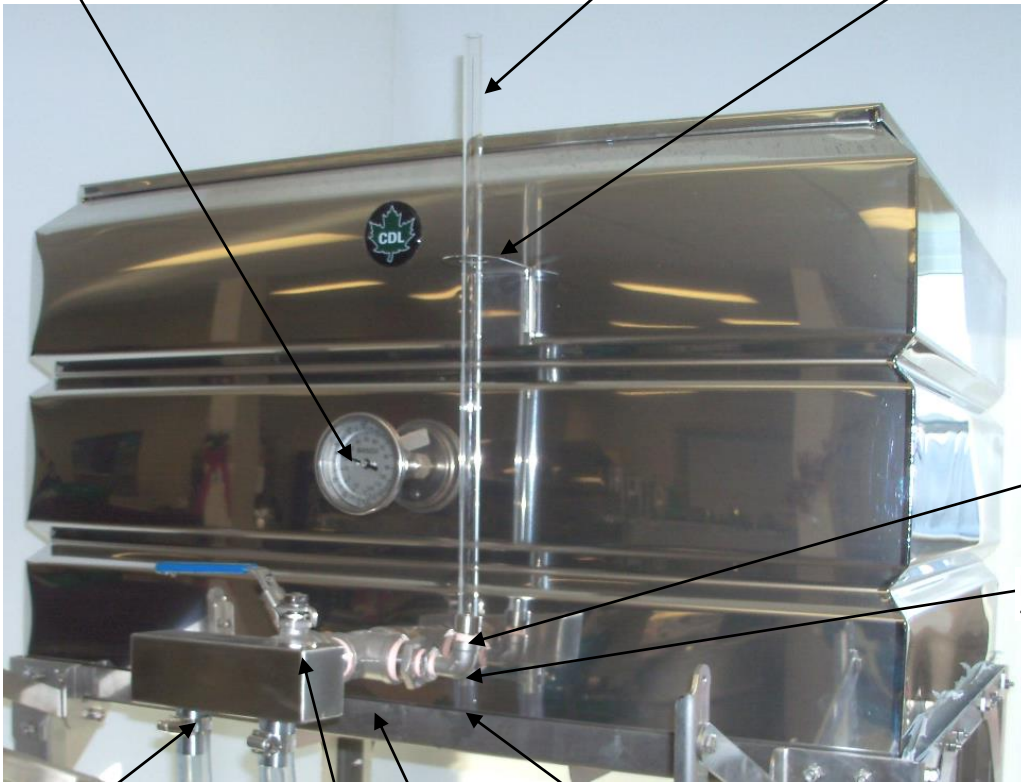


Part # 67422: 32 imperial gallon water jacketed tank (38.4 US gallons)

Syrup thermometer:  
water thermometer: 6408501

Glass tube 18": 60PEN58X18PLAG

Glass SS support:



Top O'ring:

Bottom O'ring:  
701110

Manifold:

1" ball valve:

SS glass support 3/8":

SS T 1": 711010

Electric plug: 60EAG42

3000W element:  
694931

Option 5000W:  
664931



3/8" SS plug:



Part # 67422-M: 12 gallon water jacketed tank (14.4 US gallons)

Syrup thermometer:

Optional water thermometer:



Glass tube 12":

Glass SS support: 678604

Top O'ring: 70111S

Bottom O'ring:  
70114S

3000W element:  
661004

Manifold: 67220001

SS glass support 3/8":

3/8" SS plug:

3/4" ball valve:

SS T 3/4": 713434

Electric plug:





## WARRANTY

Your water jacketed tank is covered by a two year limited warranty. For two years from your original date of purchase, Les Équipements d'Érablière CDL (CDL), will replace or replace any parts of this equipment that prove to be defective in materials or workmanship when such evaporator is installed, used and maintained in accordance with the provided instructions.

### Exclusions

This warranty does not cover the following:

1. Products with original serial number that have been removed altered or cannot be readily determined.
2. Product that has been transferred from its original owner to another party or removed outside the USA or Canada.
3. Production loss due to any kind of failure of the machine.
4. Revenu losses due to syrup or quality.
5. Service calls which do not involve malfunction or defect in materials or workmanship, or used other than in accordance with the provided instructions.
6. Any service beyond the first two years.
7. Damages caused by: services performed by unauthorized service companies; use of parts other than genuine CDL parts or parts obtained from persons other than authorized service companies; or external causes such as abuse, misuse, inadequate power supply, accidents, fires, or acts of God.
8. It doesn't cover the consumable products or accessories.
9. If the product was damaged by abusive use, negligence, accident caused by the customer, modification made by the customer, variation in the electric power.
10. Damage cause by the use of products that are not meant for use with our equipment or a bad use of cleaning products.
11. Damage caused by a use of the machine that it was not intended for.
12. Burned heater elements.



**Disclaimer of implied warranties; limitation of remedies**

Customer's sole and exclusive remedy under this limited warranty shall be repair or replacement as provided herein. Claims based on implied warranties, including warranties of merchantability or fitness for a particular purpose, are limited to two years or the shortest period allowed by law, but not less than two years. CDL shall not be liable for consequential or incidental damages such as property damages and incidental expenses or loss or revenues caused by any event covered by this warranty. Some states and provinces do not allow the exclusion or limitation of incidental or consequential damages, or limitations on the duration of implied warranties, so these limitations or exclusions may not apply to you. This written warranty gives you specific legal rights. You may also have other rights that vary from states to states.

**If you need service**

Keep your receipt, delivery slip or some other appropriate payment record to establish the warranty period should service be required. If service is performed, it is in your best interest to obtain and keep all receipts. Service under this warranty must be obtained by contacting CDL at the addresses or phone numbers below. Obligations for service and parts under this warranty will be performed by CDL in Canada. Products features or specifications as described or illustrated are subject to change without notice. You can also bring your equipment to the nearest service center. Visit [www.cdlinc.ca](http://www.cdlinc.ca) to find the address of the CDL service centers.

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