

Version 1.1
05/02/2019



CDL

Installation instructions

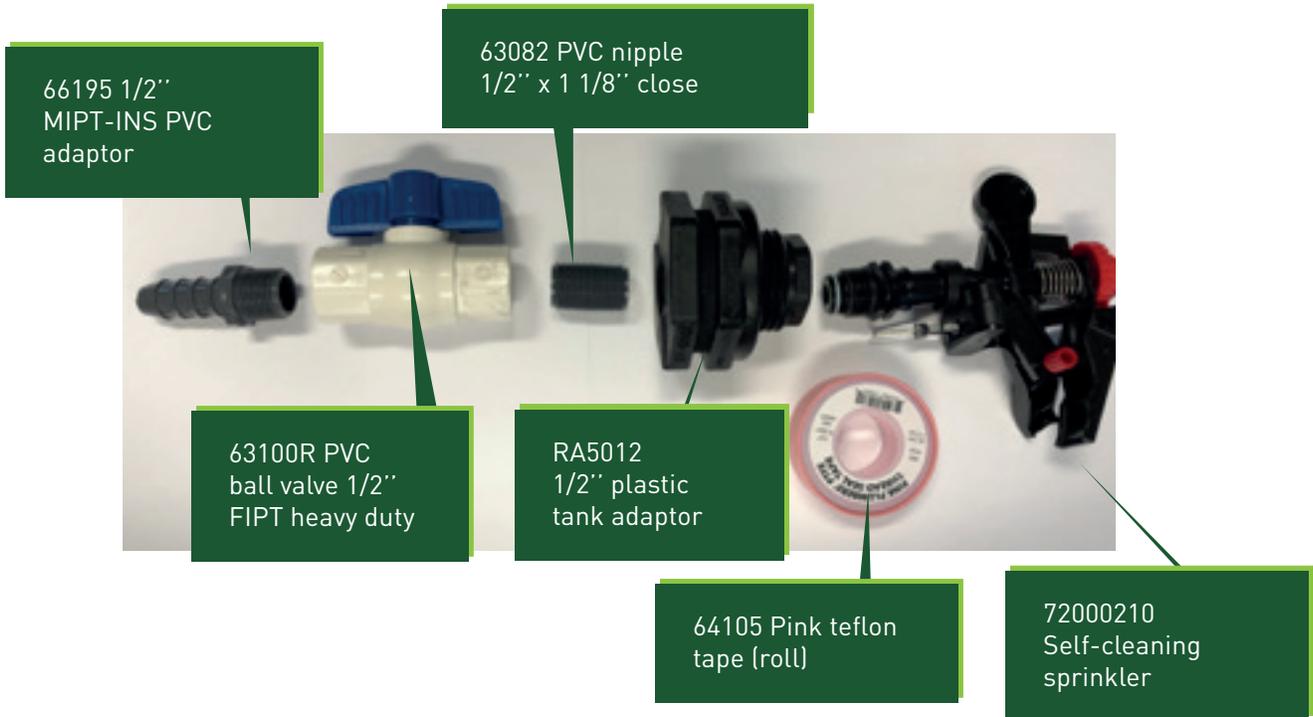
**Self-cleaning sprinkler
kit for extractors
#72000200**





Thank you for purchasing the **CDL self-cleaning sprinkler kit for extractors**.
This document will assist you for a proper installation of this product.

PRODUCT DETAILS #72000200



REQUIRED TOOLS

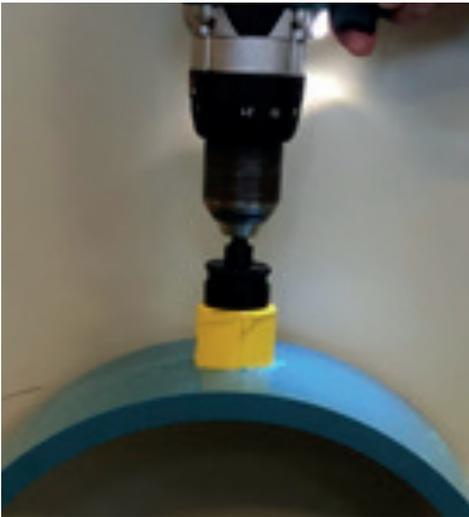
Electric drill with 1 3/4" (hole saw)

Crescent wrench

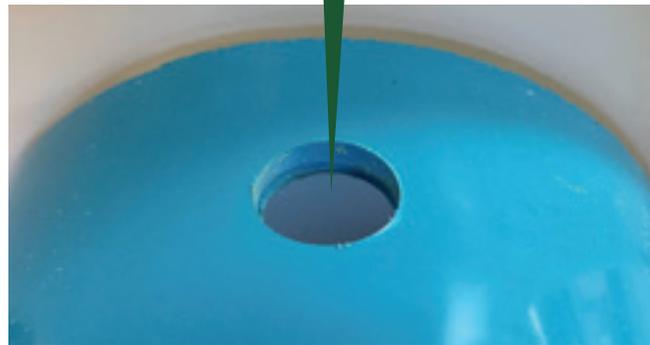
Pipe wrench

STEP 1

Use an electric drill and hole saw to drill a 1 3/4" hole in the desired location.

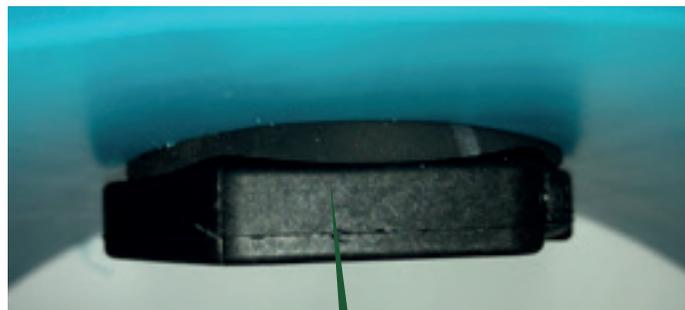


1 3/4" hole
Clean well after drilling.



STEP 2

Install RA5012 1/2" plastic tank adaptor



Ensure the rubber gasket is tightened properly with a pipe wrench to prevent leaks.



STEP 3

Screw **72000210 self-cleaning sprinkler** into the interior portion of the extractor on **RA5012 plastic tank adaptor**.



Ensure the rubber gasket is tightened properly with a crescent wrench to prevent leaks.



STEP 4

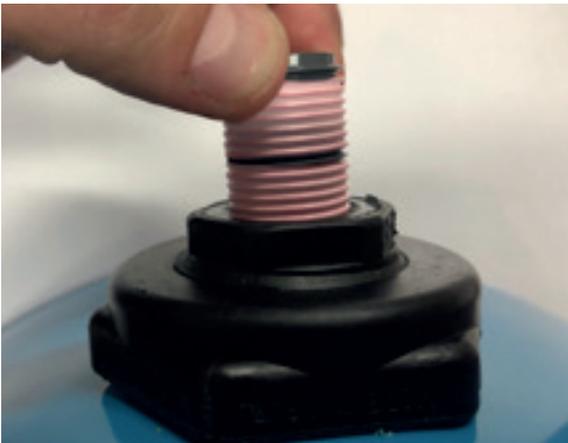
Apply **64105 pink teflon tape** to:
63082 PVC nipple 1/2" x 1 1/8" close and
66195 MIPT-INS PVC 1/2" adaptor threads.



Wrap the Teflon tape **3 or 4 times** around each thread.

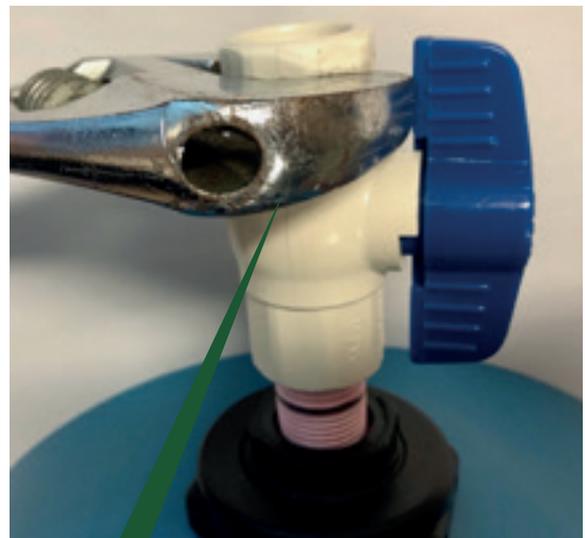
STEP 5

Tighten **63082 PVC nipple 1/2" x 1 1/8" close** *using finger-strength* to the external part of the extractor on **RA5012 plastic tank adaptor.**



STEP 6

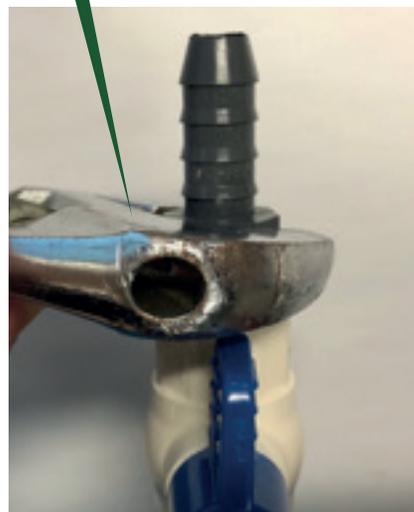
Tighten **63100R PVC ball valve 1/2" FIPT heavy duty** onto the installed **63082 PVC nipple 1/2" x 1 1/8" close** with a crescent wrench.



Ensure that it is tightened enough to prevent leaks.

STEP 7

Tighten **66195 MIPT-INS PVC 1/2" adaptor** onto the installed **63100R PVC ball valve 1/2" FIPT heavy duty** with a crescent wrench.





STEP 8

You may now attach your pump to the CDL self-cleaning sprinkler using an appropriate 1/2" pipe that can withstand up to 100 psi. We recommend using a pump that can provide 5 gallons per minute (gpm), and between 50 and 70 psi.

CDL recommends the Goulds pump (66LB10), available at CDL.

If you do not have water at the pumping station, you may use maple water for washing. However, a 24 microns line filter must be installed at the pump input to prevent obstruction of the sprinkler.

The line filter is not required if the water being used is clean, however it is strongly recommended to prevent pumps and sprinklers from breaking.

Note: The **63100R PVC ball valve 1/2" FIPT heavy duty** for the sprinkler must be closed during normal vacuum operation and open during cleaning.

Depending on the extractor model, the number of sprinklers to install may vary.

Note: It is extremely important to ensure that the water injected by the sprinkler cannot be sucked into the vacuum pump. Ideally, plumbing leading to vacuum pump should be shut off completely using a valve installed as near as possible to the extractor, between the moisture trap and extractor.

Important : For optimal cleaning of your extractor, make sure that the extractor empty while cleaning. After each use, the sprinkler must be well drained prevent any damages resulting from freezing.



WARRANTY

Parts and labour at a service centre for the CDL self-cleaning sprinkler are covered for one year. This warranty covers breakage and manufacturing defects. The product must be used under normal conditions to be covered. Loss of production is not covered. The user is responsible for performing regular inspections to ensure the CDL self-cleaning sprinkler is working properly.

WARRANTY LIMITATIONS AND EXCLUSIONS

This warranty does not cover :

- 1) Products whose original serial number has been removed or modified or is unreadable.
- 2) Equipment that has changed ownership or is located outside of North America.
- 3) Equipment whose maintenance procedures have not been followed.
- 4) Loss of production caused by problems with the CDL self-cleaning sprinkler.
- 5) Loss of revenue caused by problems with the CDL self-cleaning sprinkler.
- 6) Service calls that do not involve a malfunction, manufacturing defect or material defect, or products that have not been used according to the provided instructions.
- 7) Service calls to verify installation or receive instruction on using the equipment.
- 8) Service calls after one year.
- 9) Damages caused by: repairs made by unauthorized technicians; use of parts other than original CDL parts or parts that were not obtained from an authorized technician; or external causes like abuse, misuse, accidents, fire or natural disasters.
- 10) Damage caused by abuse, negligence or modifications made by the client.
- 11) Damage caused by the use of products that were not intended for use with this equipment or by misuse of cleaning or lubrication products.

MAPLE SUGARING
EQUIPMENT

