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Version 1.0

USER MANUAL

LIQUID DEFOAMER DOSING DEVICE

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Liquid defoamer dosing device user manual

TABLE OF CONTENT

PRODUCT SCHEMATIC 3

INSTALLATION INSTRUCTIONS 5

OPERATION SETTINGS 8

TOUCH PAD DESCRIPTION 8

DETECTION SENSITIVITY SETTING (SET: _ DET:) 9

DEFOAMER COLUME SETTING (QTY) 9

CYCLE TIME SETTING (CYC) 9

LANGUAGE SETTING (LANG) 10

ALARM DELAY IN SECONDS (T_ALARM) 10

PROGRAMMER ACCES CODE ONLY (PWD) 10

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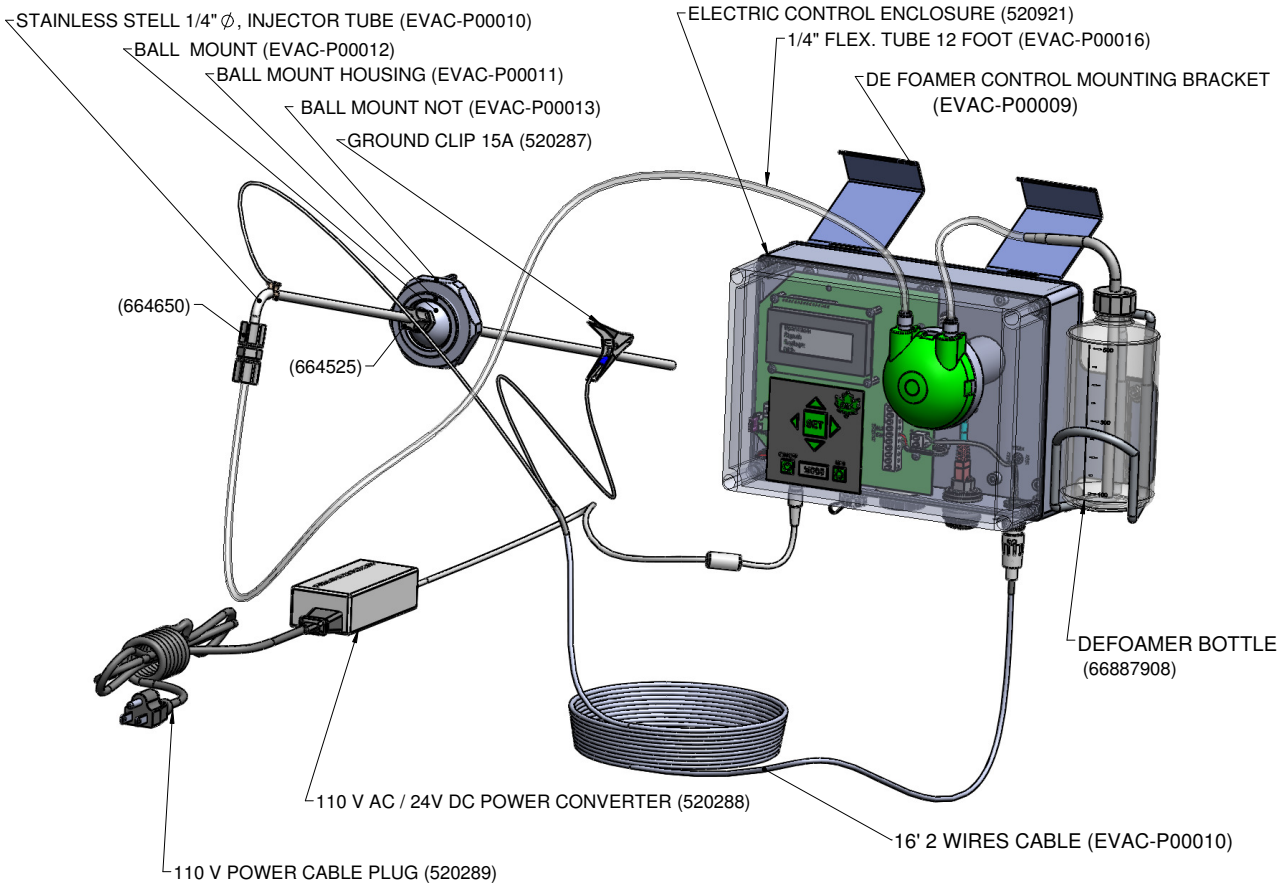
PRODUCT SCHEMATIC



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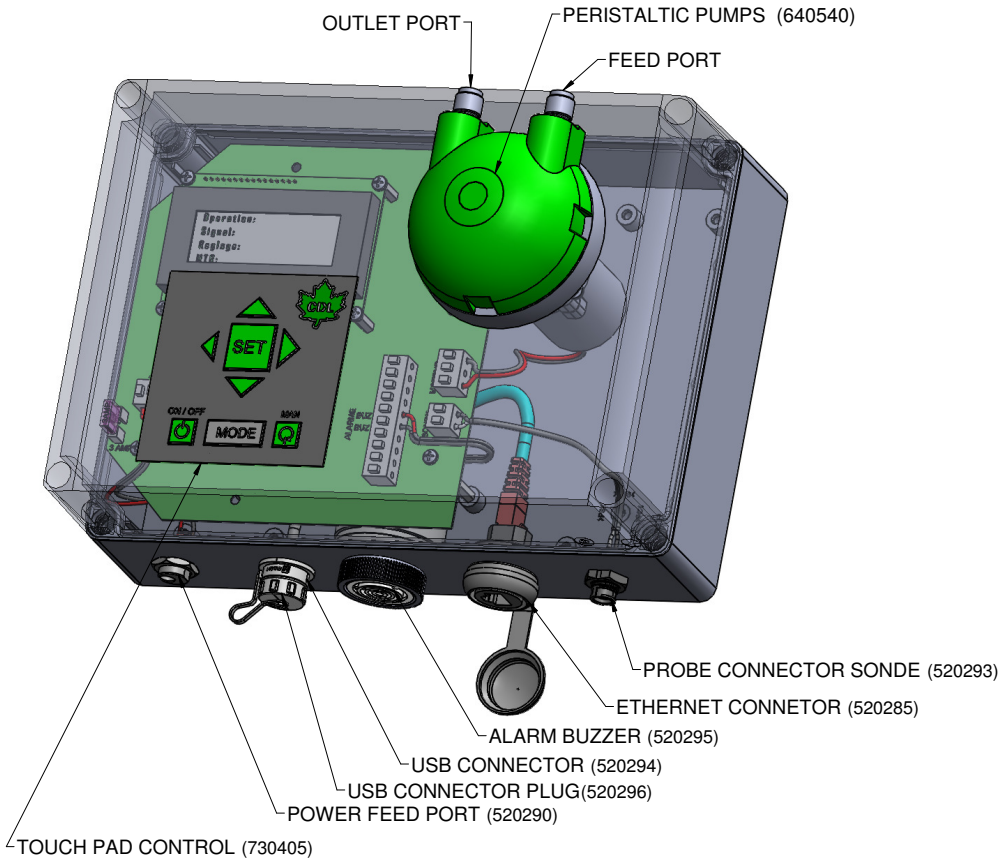

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INSTALLATION INSTRUCTIONS

Hang control box on evaporator side. Shape of bracket allows it to be fixed under flue pan head. You may manually bend brackets to adjust support.

Drill a 2-inch hole on hood with a drill and holesaw or knockout punch to install ball joint where foam rises.

Unscrew 1/4 adapter nut so that the probe can be inserted into ball joint. Insert probe into the swivel until tip of stem is 2 inches lower than top of flue pan divider. Tighten white nut.

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Attach probe wire (white wire) to the metal area of the probe.

Make sure you have a 110 volt, grounded electrical outlet.
Attach ground wire clamp (Ground) to float box.

Connect 1/4 transparent tubing (EVAC-P00016) of probe to output of peristaltic pump.
Tighten white nut.

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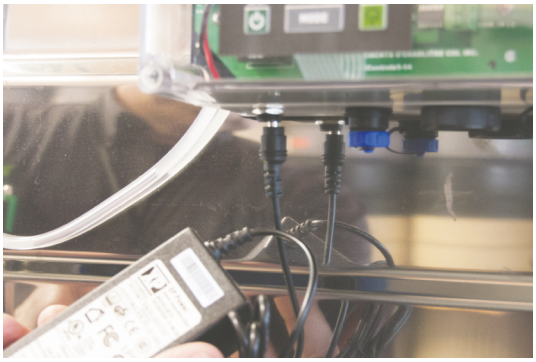
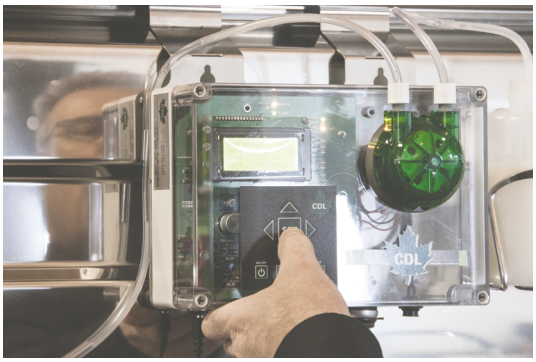
Connect 24-volt output to control box following connections showed on drawing (Product Schematic).



Fill bottle with industry standards vegetable oil.

Follow operation settings.



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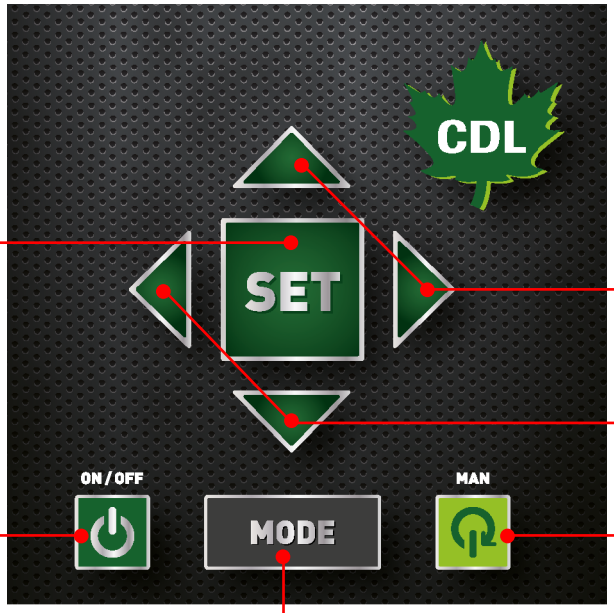
OPERATION SETTINGS

TOUCH PAD DESCRIPTION



SET button
Selects setting to be changed or deselect it.

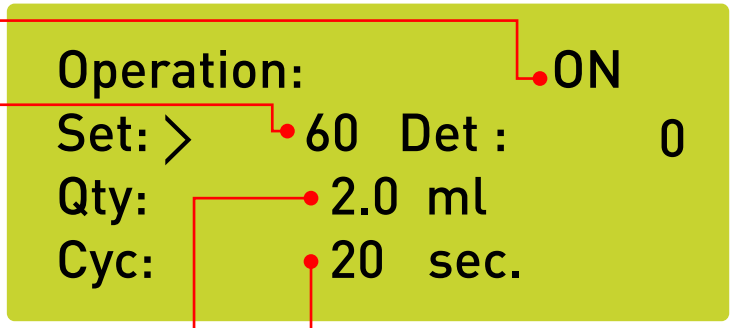
Navigation and adjustments arrows
Navigate between settings and change them once **selected (SET)**

On / Off button
Allows you to start or stop operation of the device.

MODE button
Navigate between operation settings and device settings.

Bouton MAN
Allows defoaming manually when button is held down.

SCREEN DESCRIPTION



Operation
Allows you to see if device is in operation (ON) or on pause (OFF).

Set
Setting sensitivity of the probe. 1 is the maximum sensitivity and 100 is the minimum. CDL suggests starting your tests between 40 and 60 and then adjust according to your needs.

Det
Conductivity detected by probe in real time. Dispenser will inject antifoam when it reaches selected setting.

Qty
Amount of antifoam injected in mililiters.

Cyc
Interval of injecting cycles in seconds.

Setting arrow
This arrow mentions which data is in adjustment.

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DETECTION SENSITIVITY SETTING (SET: _ DET:)

- Using (up or down arrows) of touch pad, select **SET:**
- Press (SET) to enter function setting, (arrow) appears on screen.
- Using touch pad (up or down arrows) increase or reduce value.
- Press (SET) to record value, (arrow) disappears from screen.

DEFOAMER VOLUME SETTING (QTY)

- Using (up or down arrows) of touch pad, select **QTY:**
- Press (SET) to enter function setting, (arrow) appears on screen.
- Using touch pad (up or down arrows) increase or reduce value.
- Press (SET) to record value, (arrow) disappears from screen.

CYCLE TIME SETTING (CYC)

- Using (down arrow) of touch pad, select **CYC:**
- Press (SET) to enter function setting, (arrow) appears on screen.
- Using touch pad (up or down arrows) increase or reduce interval in seconds
- Press (SET) to record value, (arrow) disappears from screen.

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DEVICE SETTINGS

Press (MODE button) to get access to device setting screen.

LANGUAGE SETTING (LANG)

- Using (up or down arrows) of touch pad, select **LANG.**
- Press (SET) to enter setting, (arrow) appears on screen.
- Using left or right touch pad arrow
- Press (SET) to record value, (arrow) disappears from screen.

ALARM DELAY IN SECONDS (T_ALARM)

- Using (up or down arrows) of the touch pad, select **T_ALARM.**
- Press (SET) to enter function setting, (arrow) appears on screen.
- Using touch pad (up or down arrows) increase or reduce alarm delay value in seconds.
- Press (SET) to record value, (arrow) disappears from screen.

PROGRAMMER ACCES CODE ONLY (PWD)

- This option is only available to CDL programmers / technicians.

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