

# MAPLE SYRUP FULL FEATURE DRAW-OFF

*c/w high temp. alarm*

Model # FDR-TP3-1"V3



## A COMPLETE DRAW-OFF-SYSTEM

- \* dual digital controller
- \* ss temperature probe
- \* ss valve

**EASY TO INSTALL  
SIMPLE TO OPERATE**



1(518)532-7922

# AUTO CONTROLS and ACCESSORIES



call for your CD catalog



**CANADA:** ROJAN (Ron Beaudreau)  
tel: 1(519)578-0238  
e-mail: rrojan2002@yahoo.com



220 River Rd., Schroon Lake, NY 12870  
tel: 1(518)532-7922 fax: 1(518)532-7386  
[www.marcland-usa.com](http://www.marcland-usa.com)  
**BOB CROOKS**

## CONTROL BOX: FDR



## TEMP. PROBE: TP3



## DRAW OFF VALVES:



1(518)532-7922

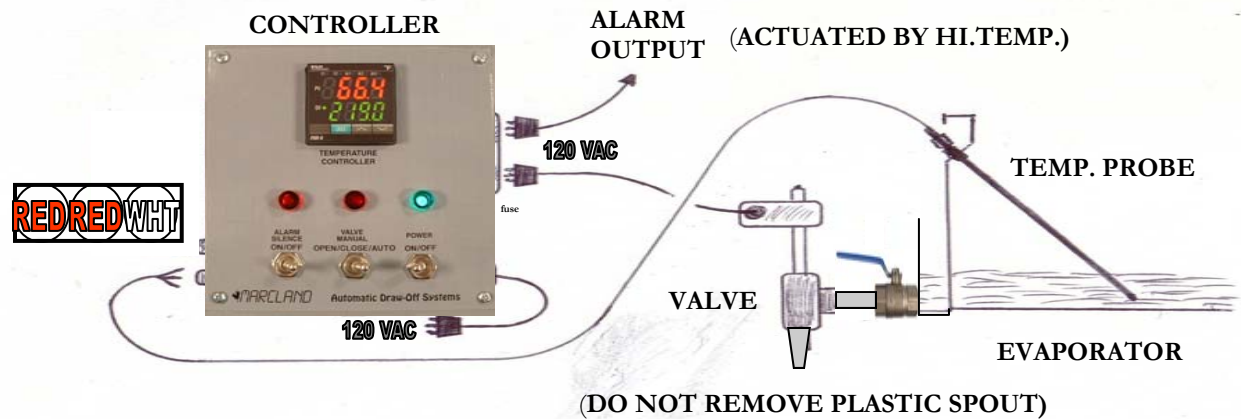
## **FEATURES:**

- \* Heavy duty industrial components.
- \* Dual digital 0.1deg F display.
- \* Switches for power, manual valve and alarm.
- \* Lights for power, valve and alarm.
- \* 120vac valve and alarm outputs.
- \* 1 amp valve output fuse.
- \* Internal alarm buzzer.
- \* Electrically isolated plastic box.
- \* Easily serviced.

## **OPTIONS:**

**SS Mounting Kit**  
**Dual Side Switch**  
**Auto Burner Shut Down**  
**Auto Blower Shut Down**  
**Auto Sap Addition.**

## **INSTALLATION:** (MOUNT COMPONENTS AS SHOWN AND EXTEND WIRES IF REQUIRED)



- Install the control box in a convenient location with easy access.
- Mount the draw-off valve at the draw-off point. (A shut-off valve and a manual valve are suggested for service and manual operation.)
- Mount the temperature probe at the draw-off point with the probe tip 1/4 inch from the pan bottom. ( If there is a dial thermometer, position the two probe tips as close as possible. )
- Neatly connect all wires and plugs, extending them where required.

## **OPERATION:**

## **THINK CLEAN**

- Plug the control box power cord into a 120vac outlet. Push on power switch. The controller will indicate pan temperature and draw-off temperature.
- The draw-off valve should be plugged into the valve outlet on the control box and the temperature probe should be connected to the probe terminal on the control box.
- To set the draw-off temperature, push the up/down buttons. (Higher=Thicker, Lower=Thinner) (Adjust temp. to get correct density)
- Test valve function before boiling. Make sure system works properly.
- (Hi. temp. alarm is set to “track” draw-off temp. +3.0)  
The alarm buzzer can be silenced by switching the “alarm silence switch”
- Check the boiling point hourly and adjust draw-off temp. as required..