HOSHIZAKI AMERICA, INC.
SERVICE BULLETIN

## Subject: UPDATE FOR CONTROL BOARD DIP SWITCH SETTING CHART.

Page two of this bulletin provides an updated chart showing the factory settings for the 8 dip switches found on the Alpine and new "E" Control Products control boards. The chart reflects the proper factory settings for all KM model units produced since mid 1988.

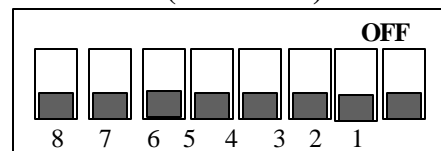## There are different formats for the dip switch block.
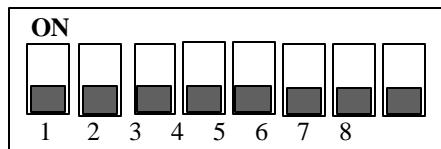
SW001 (Alpine)

Notice: S4 ("E" board) format may vary. Inspect the switch block closely. "On" will always be towards the center of the board.
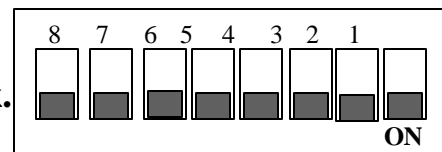
S4 ("E" board)

Dip Switch Guide

Function	Dip#	Position				
Defrost	1	0	1	0	1	
Timer	2	0	0	1	1	
Adjustment	sec.	60	90	120	180	
Pump out	3	0	1	0	1	
Length	4	0	0	1	1	
	sec.	10	10	10	20	
Pump out	5	0	1	0	1	
Frequency	6	0	0	1	1	
	cycle	1/1	1/2	1/5	1/10	
Optional	7	Always Off				
Test	8	Always Off				

** INSTRUCTIONS:

1. **TO IMPROVE BUILT-IN CLEANING** Adjust switches per this guide. Switches 1 & 2 provide for longer flush at the end of harvest. For maximum cleaning adjust to 180 sec. Switches 5 & 6 provide maximum cleaning at every cycle 1 / 1 setting. The 1 / 10 setting will pump-out less to conserve water (less cleaning).

2. **DO NOT ADJUST SWITCHES 3, 4, 7, & 8 FROM THE FACTORY SETTINGS !**

3. **DO NOT MAKE CONNECTION TO THE RED K-4 TERMINAL !**

DIP SWITCH SETTING CHART.
FACTORY SETTINGS FOR ALPINE
2U0139-01 or "E" # 2A0836-01/02
CONTROL BOARDS.

Set the eight dip switches the same as the original board or per this chart to match the factory setting. Adjustments can be made to # 1, 2, 5, & 6 to provide cleaning flexibility per the instructions below.

Switch setting code   1 = ON   0 = OFF

| S4 or SWOO1 DIP SWITCH NUMBERS >>	1	2	3	4	5	6	7	8
KM-150BAF / BWF	0	1	0	1	0	0	0	0
KML-200MAE	0	0	0	1	1	1	0	0
KML-200MWE	0	1	0	1	1	1	0	0
KM-280MAE	0	1	0	0	1	1	0	0
KM-280MWE	1	0	0	0	1	1	0	0
KM-250BAB	0	1	1	0	0	0	0	0
KM-250BWB / BAC / BAE / BWC / BWE	1	1	1	0	0	0	0	0
KM-250MAB	0	0	0	0	1	1	0	0
KM-250MWB	1	0	0	0	1	1	0	0
KM-250MAE / MWE	0	0	1	0	1	1	0	0
KML-400MAE / MWE	0	0	0	0	1	1	0	0
KM-452DU / DWU / DSU 450MAB / MWB / MRB / MWE / MRE DSU MAE / MWE / MRE / MAE 50 / MWE 50 ALL SAME SETTING KM- KM-500MAE KM-632DU / DWU / KM-630MAB / MWB / MRB / KM-800MAB / MWB / MRB	0	0	0	0	1	1	0	0
KM-800MAE / MWE / MRE / MRE-FM	0	0	1	0	1	1	0	0
KM-1200MAB / MWB / MRB	0	0	0	0	1	1	0	0
KM-1200MAE / MWE / MRE	0	0	1	0	1	1	0	0
KM-1200SAB / SWB / SRB / SAE / SWE / SRE / SAE 50 / SWE 50 ALL SAME SETTING	0	0	1	1	1	1	0	0
KM-1600MWB / MRB	0	0	0	0	0	0	0	0
KM-1600MRE 1 / 3	0	0	1	0	1	1	0	0
KM-1600SWB 1 / 3	1	0	1	1	0	0	0	0
KM-1600SRB 1 / 3	1	0	1	1	0	0	0	0
KM-1600SWE 1 / 3	0	0	1	1	1	1	0	0
KM-1600SRE 1 / 3	0	0	1	1	1	1	0	0
KM-2000SWB 3	1	0	1	1	0	0	0	0
KM-2000SRB 3	0	0	1	1	1	1	0	0
KM-2000SWE 3	0	0	1	1	1	1	0	0
KM-2000SRE 3	0	0	1	1	1	1	0	0

ATTENTION
SERVICE & PARTS MANAGERS!

This bulletin   SB98-0005R (June 19, 1998) replaces any prior version:
SB98-0005 (May 7, 1998) &
SB98-0005 (May 26, 1998)

The purpose for the revision is to clarify the "ON" position on the dip switch block. The dip switch block for the Alpine control board is consistent as outlined. The dip switch block for the "E" board will be one of the two shown. It will vary in certain board lots due to a problem of unavailability of parts at the manufacturer. Future production boards should have this format.
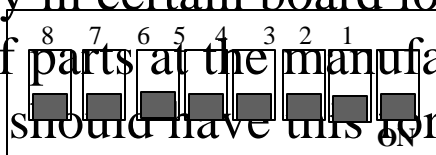
It has white lettering so it will be easy to distinguish.

This final revision should eliminate any confusion on the dip switch settings. If you have any questions call

Thank you.

Danny Moore