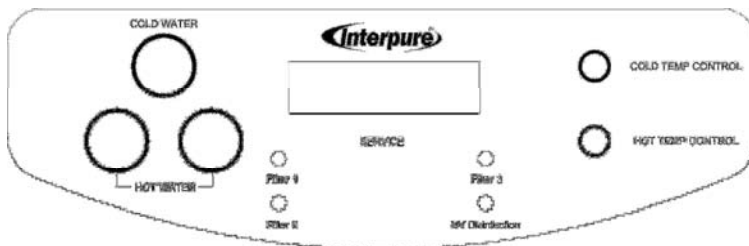


## 7. Programming Instructions [Main menus] - IP1 only



Program Setting Mode consists of two (2) Levels.

Pressing the Cold Temp Control (CTC) and Hot Temp Control (HTC) keys simultaneously for 5 seconds allows Main Menu access for setting menu items 1~5.

Pressing the CTC, HTC and Hot Water 1 keys simultaneously for 5 seconds allows Main Menu access for setting all menu items.

If no actions are executed in Program Mode for 10 seconds, the display will return to Operating Mode

No	Main Menus	Display
1	Time of day set mode	Time of day Settings
2	Energy save set mode	Energy Save Settings
3	Filter 1 Reset mode	Re-set Filter 1 Yes?
4	Filter 2 Reset mode	Re-set Filter 2 Yes?
5	Filter 3 Reset mode	Re-set Filter 3 Yes?

No	Main Menus	Display
6	UV lamp Reset Mode	UV Lamp Reset Mode
7	Beep Sound Set Mode	Beep Sound Set Mode
8	UV Lamp Set Mode	UV Lamp Settings
9	UV Lamp Change out Mode	UV Lamp Change Out Settings
10	Filter 1 Change out Mode	Filter 1 Change Out Settings
11	Filter 1 Change out Mode	Filter 1 Change Out settings
12	Filter 1 Change out Mode	Filter 1 Change Out Settings
		Exit?

### Default Mode or Value

Time of day	12 hour Mode AM 1:00
UV after Dispense	Enable
UV after Dispense ON time	2 minutes
UV Delay Settings	Enable
UV Delay Hours	12 hours
UV Delay UV ON time	2 mintues
UV Change out	12 months
Beep Sound	Enable

## ●Programming Instructions [sub menus] - IP1 only

When Main Menus are displayed, pressing the HTC key will move the display to the Sub menus change mode.

Main Menus	Key Access	Display
Time of day set mode	<p>Set Enable/Disable using CTC key.</p> <p>Select Enable/Disable using HTC key.</p> <p>If Disable is selected, Exit mode is displayed.</p> <p>If Enable is selected, 12/24 Hr option mode is displayed.</p> <p>Use CTC key to search Hour mode.</p> <p>Use HTC key to select Hour mode..</p> <p>Use CTC key to search Hour mode.</p> <p>By continuously pressing the CTC key, the hour time will slowly scroll for 2 seconds after which, the hour time will increase every 250 ms.</p> <p>Press the HTC key to select the Hour</p> <p>The Minute will begin to blink.</p> <p>Use the CTC key to search Minute mode.</p> <p>By continuously pressing the CTC key, the minute time will slowly scroll for 2 seconds after which, the minute time will increase every 250 ms</p> <p>Press the HTC key to select the Minute</p> <p>Press the HTC key again to return to the initial Time of Day setting sub mode</p> <p>The method of setting time in the 24 Hr mode is the same as 12 Hr mode except for the absence of AM/PM.</p>	<p>Time of day</p> <p>Enable?</p> <p>Time of day</p> <p>Disable?</p> <p>12 Hours Mode</p> <p>24 Hours Mode</p> <p>AM 1:00</p> <p>AM 2:00</p> <p>AM 10:00</p> <p>PM 11:00</p> <p>AM 7:00</p> <p>AM 7:01</p> <p>AM 7:02</p> <p>AM 7:52</p> <p>Exit ?</p>

Main Menus	Key Access	Display
<p>UV Lamp Set mode</p>	<p>In the Main Menus, press the HTC key to select UV Lamp set mode</p> <p>Use the CTC key to search Enable/Disable.</p> <p>Use the HTC key to select Enable/Disable If Disable is selected, Exit mode is displayed UV Lamp will not operate</p> <p>If Enable mode is selected, Time choice mode will be displayed</p> <p>Press the CTC key to execute Time search.</p> <p>Press HTC key to select and go to Delay/On time setting mode</p> <p>Press CTC key to search Hours</p> <p>Press HTC key to select hour and go to Delay/ ON time search mode</p> <p>Press CTC key to search ON time.</p> <p>After selecting On time, press HTC key to Complete UV Delay On time set mode.</p> <p>Press the Hot water 1 key to go to Main Menu.</p>	<p>UV Lamp Setting</p> <p>UV after Dispense Enable?</p> <p>UV after Dispense Disable?</p> <p>ON time = 2 min.</p> <p>ON time = 4 min</p> <p>Delay = 12 Hour</p> <p>ON time = 2 min</p> <p>Delay = 1 Hour</p> <p>ON time = 2 min</p> <p>;</p> <p>Delay = 12 Hour</p> <p>ON time = 2 min</p> <p>Delay = 12 Hour</p> <p>ON time = 3 min</p> <p>Delay = 12 Hour</p> <p>ON time = 4 min</p> <p>Exit ?</p>

Main Menus	Key Access	Display
Energy Save Set mode		Energy Save Settings
	In the Main Menus, press the HTC key to select Energy Save set mode	Energy Save Enable?
	Press CTC key to search Enable/Disable	Energy Save Disable?
	Press HTC key to select Enable/Disable	
	If Disable is selected, press HTC key to go to exit mode	Exit ?
	Press HTC key to select Enable	From : PM 1:00 To : AM 12:00
	Press CTC key to search hour time	From : PM 10:00 To : AM 12:00
	Press HTC key to select hour and go to Minute Set mode	From : PM 10:00 To : AM 12:00
	Each time CTC key is pressed, time changes in 10 minute increments.	From : PM 10:40 To : AM 12:00
	Press HTC key to select Minute and go to Energy save off time Hour Select mode	
	Press CTC key to search hour time	From : PM 10:40 To : AM 5:00
	Press HTC key to select hour and go to Minute Set mode	From : PM 10:40 To : AM 5:00
	Each time CTC key is pressed, time changes in 10 minute increments	From : PM 10:40 To : AM 12:30
	Press HTC key to execute Energy save time set.	Exit ?
	Press Hot water 1 key to return to Main menus Press HTC key again to return to initial Energy save sub mode	

24Hours mode Setting sequence is same with the exception of AM/PM.

Energy save mode is only settable in 10 minute increments.

When Energy Save Mode begins, the Hot Water temperature is maintained at 131~140°F/ 55~60°C. Cold Water temperature is maintained at 50~54°F/ 10~12°C. 20 minutes prior to the end of Energy Save Mode, the hot water will begin returning to normal operating temperature while cold water will begin returning to normal operating temperature 1 hour prior to the end of Energy Save Mode. If either Hot or Cold water Dispensing Key is pressed while in Energy Save Mode, unit will immediately begin operating at normal temperature before again returning to Energy Save Mode.

Main Menu	Key Access	Display
Filter Change Out mode	<p>In the Main Menu press HTC key to select Filter 1 Change out mode</p> <p>Press CTC key to search Enable/Disable.</p> <p>Press HTC key to select Enable/Disable</p> <p>Press CTC key to search filter Change period</p> <p>Press HTC key to select filter period.</p> <p>Press Hot water1 key to return to Main menus. Press HTC key again to go to Filter 1 Change out mode</p>	<p>Filter 1 Change Out mode</p> <p>Filter 1 Light : Enable?</p> <p>Filter 1 Light : Disable?</p> <p>Filter 1 Change At: 12 months</p> <p>At : 13 months</p> <p>;</p> <p>At : 24 months</p> <p>At : 1 months</p> <p>;</p> <p>Exit ?</p>

Filter 2, 3 Change mode is same as Filter 1.

If Filter change is disabled, time setting mode will be skipped and menu will go directly to exit

Main Menu	Key Access	Display
Filter Reset	<p>In Main Menu, press HTC key to select Filter 1 Reset mode</p> <p>Press CTC key to search Filter 1 Reset.</p> <p>Press HTC key to select Yes/No</p> <p>Press Hot water 1 key to go to Main Menu Press HTC key again to go to Filter 1 Reset mode</p>	<p>Filter 1 Reset Mode</p> <p>Re-set Filter 1 Yes?</p> <p>Re-set Filter 1 No?</p> <p>Exit ?</p>

Filter 2, 3 Reset Mode is same as Filter 1