

Manual for Menu Settings on Eliwell electronic thermostat



There are two parts of this instruction

Part One describes how you use the quick menu to adjust the basic temperature set point of the thermostat. No code required.

Part Two describes how you access the Full Parameter Settings Menu, in this menu you can change **all** settings.

It's protected with a security code. (22)

This menu must be used if you f.ex. want to use a thermostat that is pre-programmed for an Ice Bank/Glycol-Cooler and use it in a Keg Cooler.

In the end of this document you'll find a complete list of parameters.

Part One - Quick Menu access to temperature set point

To access the quick menu, press the SET-Button two times.
In this menu you can only change the Temperature Set Point.



Change the value with the arrow buttons.
As a default it's not possible to adjust below -2°C.
(To change this limit, see instructions in [Part Two](#))



Press Power Button two times to leave the settings menu and
return to normal operating mode.



Part Two - Full Menu Settings

To access the Full Menu of parameter Settings, press the SET-Button for more than five seconds, you should now see the text: PA2
Press SET button two more times to enter code.



Enter the security code 22 by pressing the upper arrow button.
Press SET.



Now you have entered the main menu.
You can now scroll through the various settings,
when you have reached a setting you wish to change, press SET and
change the value with the arrow buttons, press set to save
Press Power Button to leave the settings menu and return to normal operating mode



The **SET**-Parameters, the temperature setting of the thermostat, marked in green below, can be adjusted from the Quick Access menu, see Part One of the manual.

Type of Cooler

ELIWELL LABEL-PARAMETER LIST	U.M.	MIN	MAX	Type of Cooler					
				Icebank Cooler	Glycol Cooler	Keg Cooler	Dry Block Cooler	JUICE Machine	
SET - Temperature regulation Setpoint	°C/°F	LSE	HSE	-2	-2	2	2	4	
diF - Tripping (hysteresis) differential	°C/°F	0,1	30	1,8	1,5	2	2	2	
HSE - Maximum value settable for set point	°C/°F	0	230	8	8	12	1	20	
LSE - Minimum value settable for set point	°C/°F	-55	5	-2	-6	-2	-6	2	
Ont - ON time for compressor output with faulty regulation probe	min	0	250	0	0	0	6	0	
Oft - OFF time for compressor output with faulty regulation probe	min	0	250	0	0	0	0	0	
dOn - Compressor output enabling delay from request	sec	0	250	4	2	2	0	0	
dOF - Compressor output enabling delay from shutdown	min	0	250	10	2	3	0	0	
dbi -Delay between two consecutive starts of the compressor output	min	0	250	3	2	3	0	0	
Odo - Delay output enabling from Power On	min	0	250	2	2	2	2	1	
dit - Interval between defrosts	ore/min/sec	0	250	0	0	4	0	0	
dt1 - Unit of measurement for defrost intervals	num	0	2	0	0	0	0	0	
dt2 - Unit of measurement for defrost duration	num	0	2	1	1	1	1	1	
dCt - Counting mode for defrost interval	num	0	1	1	1	1	1	1	
dEt - Defrost timeout	ore/min/sec	1	250	30	30	30	30	1	
dPO - Defrost enabling request from Power On	flag	0	1	n	n	n	n	n	
Att - Mode of parameter HAL and LAL (absolute or relative)	flag	0	1	1	1	1	1	1	
AFd - Alarm tripping differential	°C/°F	1	50	2	2	2	2	1	
HAL - Maximum alarm threshold	°C/°F	0,1	150	50	50	50	50	50	
LAL - Minimum alarm threshold	°C/°F	-50	0,1	-50	-50	-50	-50	-50	
PAO - Alarm disabling after Power On	ore	0	10	0	0	0	0	0	
tAO - Temperature alarms delay time	min	0	250	0	0	0	0	0	
LOC - Enable keyboard lock	flag	0	1	n	n	n	n	n	
PS1 - Value of password 1	num	0	250	0	0	0	0	0	
PS2 - Value of password 2	num	0	250	22	22	22	22	0	
ddl - Display mode during defrost.	num	0	2	2	2	2	2	2	
Ldd - Timeout value for display unlock - dEF label.	min	0	255	0	0	0	0	0	
CA1 - Cell probe calibration	°C/°F	-12	12	0	0	0	0	0	
ddd - Display main status	num	0	2	0	0	0	0	0	
H31 - UP button configurability	num	0	4	0	0	0	0	0	
H41 - Cell probe present	flag	0	1	y	y	y	y	y	
H50 - Type of regulation	num	0	2	0	0	0	0	0	
H51 - Threshold (setpoint) for ice sensor		0	650	250	25	25	25	250	
H52 - Differential (hysteresis) for ice sensor	num	0	250	5	5	5	5	5	
H53 - Mode at start-up with double ice probe	num	0	1	0	0	0	0	0	