

SETTING 1: User interface

1. Disconnect the power to the unit
2. Remove the cover and the keypad from the unit
3. Remove the water gauge (if present), pulling it out from the inside: the boiler water does not have to be drained!
4. Disconnect the electrode cable
5. Disconnect and remove the board **ABM03/A/B/C/D/E** (complete with box) to be replaced
6. Install and connect the replacement board **ABM03E** (complete with box)
7. Refit the previously removed water gauge and electrode cable
8. Refit the previously removed cover and keypad
9. Switch on the power to the unit
10. For safety, make sure the functions of the buttons and display are those given in the user handbook. Otherwise, repeat the procedure starting from point 1.

SETTING 2: Boiler configuration parameters

1. Accessing the "Configuration" menu. **Press the "DHW +" and "DHW -" buttons together for 10 seconds.**
2. At the end of the 10 seconds the display will show the message "b01".
3. Press the Heating buttons to scroll the list of parameters in increasing or decreasing order. Press the DHW buttons to view or modify the value of a parameter: the modification will be automatically saved.
4. Set the parameters listed below, as shown in the following table below.
5. Exiting the "User interface setting" menu. **Press the "DHW +" and "DHW -" buttons together for 10 seconds;** or switch the power to the unit off and then on again; or wait for automatic exiting which occurs after 2 minutes

SETTING 3: "tS" Parameters - Transparent Parameters Menu

1. Accessing the "Transparent Parameters" menu. Press the "Reset" button for 20 seconds.
2. At the end of the 20 seconds the display will show the message "tS".
3. Press the "Reset" button for 1 second.
4. The display will show the message "P01".
5. Press the Heating buttons to scroll the list of parameters in increasing or decreasing order. Press the DHW buttons to view or modify the value of a parameter: the modification will be automatically saved.
6. Set the parameters listed below, as shown in the following table below.
7. Exiting the "Transparent Parameters" menu. Press the "Reset" button for 20 seconds; or switch the power to the unit off and then on again; or wait for automatic exiting which occurs after 15 minutes.

	"b01"	"b02"	"b04"	"b05"	"b06"	"b10"	"b20"	"b22"	"b23"	"P01"	"P06"	"P26"
	Gas type	Boiler type	Fan, Max freq. in DHW.	Fan, Max freq. in heating	Fan, Min freq.	S/W mode selection button	Fan type	Hydraulic block type	Flow meter type	Ignition level	Pump functionality	Heat exch. prot. temp.
BlueHelix PRO 25C/Twist PRO 25C		1	180	165		0	0	0	0=Standard, 2=Bitron			
BlueHelix PRO 32C/Twist PRO 32C		1	210	190		0	0	0	0=Standard, 2=Bitron			
BlueHelix TECH 25C/Twist TECH 25C		3	180	165		0	0	0=Standard, 1=Bitron	0=Standard, 2=Bitron			
BlueHelix TECH 35C/Twist TECH 35C		3	220	200		0	0	0=Standard, 1=Bitron	0=Standard, 2=Bitron			
BlueHelix TECH 18A/Twist TECH 18A		2	165	116		0	0	0=Standard, 1=Bitron	0			
BlueHelix TECH 25A/Twist TECH 25A		2	180	165		0	0	0=Standard, 1=Bitron	0			
BlueHelix TECH 35A/Twist TECH 35A		2	220	200		0	0	0=Standard, 1=Bitron	0			
Modena 27C HE		1	180	165		1	0	0	0=Standard, 2=Bitron			
Modena 32C HE		1	210	190		1	0	0	0=Standard, 2=Bitron			
Modena 18S HE/T-One 18S HE		2	165	116	55 = met 70 = Lpg	1	0	0	0			
Modena 25S HE/T-One 25S HE		2	180	180		1	0	0	0			
Modena 32S HE/T-One 32S HE		2	210	210		1	0	0	0			
T-One 25C		1	180	165		1	0	0	0=Standard, 2=Bitron			
T-One 30C		1	210	190		1	0	0	0=Standard, 2=Bitron	Default setting		60°C
E-One 25C	0 = met, 1 = Lpg	1	180	165		0	0	0	0=Standard, 2=Bitron		4 = High efficiency "ErP"	
E-One 25A		2	180	165		0	0	0=Standard, 1=Bitron	0		6 = Traditional "3 Speeds"	
E-One 35A		2	220	200		0	0	0=Standard, 1=Bitron	0			
BlueHelix B 32 K/ Twist B 32 K		4	210	190		0	0	0	0			
BlueHelix 25 K/Twist 25 K		4	180	165		0	0	0	0			
BlueHelix B 35/Twist B 35		4	220	200		0	0	0	0			
BlueHelix PRO S 27C/Twist PRO S 27C		1	220=met, 210=Lpg	205=met, 195=Lpg	55	0	1	0	0=Standard, 2=Bitron			
BlueHelix PRO S 32C/Twist PRO S 32C		1	200=met, 190=Lpg	185=met, 175=Lpg	50	0	1	0	0=Standard, 2=Bitron			
Superlative CONDENS 25C		1	220=met, 210=Lpg	205=met, 195=Lpg	55	0	1	0	0=Standard, 2=Bitron			
Superlative CONDENS 32C		1	200=met, 190=Lpg	185=met, 175=Lpg	50	0	1	0	0=Standard, 2=Bitron			
BlueHelix B S 32 K/ Twist B S 32 K		4	200=met, 190=Lpg	185=met, 175=Lpg	50	0	1	0	0			
BlueHelix TECH S 45H/Twist TECH S 45H		4	200=met, 190=Lpg	200=met, 190=Lpg	40	0	1	0	0			
BlueHelix B S 45/Twist B S 45		4	200=met, 190=Lpg	200=met, 190=Lpg	45	0	1	0	0			
Silver 24 C /Venus BA MS 24		3	170=met, 160=Lpg	150=met, 140=Lpg	45	0	2	0=Standard, 1=Bitron	0=Standard, 2=Bitron			
Silver 34 C /Venus BA MS 34		3	200=met, 190=Lpg	180=met, 170=Lpg	45	0	2	0=Standard, 1=Bitron	0=Standard, 2=Bitron			
Silver 24 T /Venus BA MR 24		2	170=met, 160=Lpg	150=met, 140=Lpg	45	0	2	0=Standard, 1=Bitron	0=Standard, 2=Bitron	30		35°C
Silver 34 T /Venus BA MR 34		2	200=met, 190=Lpg	180=met, 170=Lpg	45	0	2	0=Standard, 1=Bitron	0=Standard, 2=Bitron			