

WESTEN

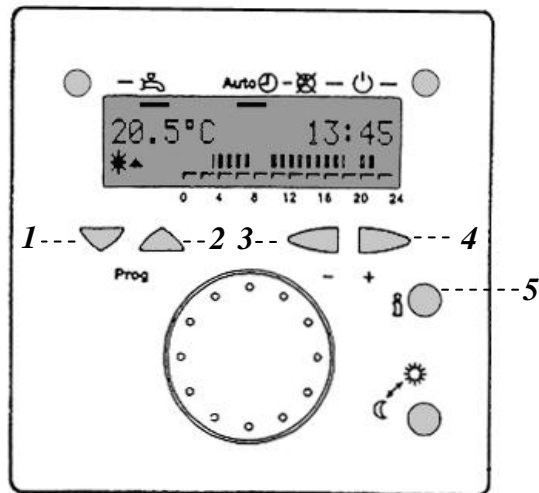
USING THE SIEMENS TEMPERATURE REGULATOR QAA73 TO PROGRAM BOILERS PARAMETERS

Condensing gas boilers

NOVADENS ...

SERVICE instructions





The editable parameters are those between **504** and **652** (parameters 650 and 652 are reading only parameters).

Proceed as follows to access this parameters:

- 1) Simultaneously press *keys 1-4* on QAA73 temperature regulator for about 3 seconds. The “**Initialising BMU parameters**” appears on the display (line 725).
- 2) Simultaneously press *keys 1-2* on QAA73 temperature regulator for about 3 seconds. The “**Initialising BMU SERVICE**” (line 504 “TkSmax”).
- 3) Press *keys 1-2* to scroll through the list of parameters.
- 4) To change the value of the selected parameter, press *key 3-4* to decrease or increase the value respectively.
- 5) Press key 5 to enter the new values and exit programming of the boiler’s electronic main board.

DEFAULT PARAMETERS LIST		NOVADENS		
		1.240	240	280
QAA73 parameters	Description of parameters	24 kW	20/24 kW	24/28 kW
504	Maximum flow setpoint temperature (°C)		80	
516	Summer / winter changeover temperature		30	
532	Heating curve slope heating circuit HC1		15	
534	Room temperature adjustment (°C)		0	
536	Maximum speed (rpm) at maximum output in heating mode (maximum speed limitation)	5900	4300	5050
541	Maximum degree of modulation in heating mode (%)	100	60	74
544	Overrun time (s) of pumps		180	
545	Minimum burner pause time (s) (heat demand-dependent switching hysteresis)		180	
555.0	Chimney sweep function ON =active OFF=deactivate		OFF	
555.1	Legionella function ON =active OFF=deactivate		ON	
555.2	Setting ON = hydraulic differential pressure switch OFF = pressure switch		OFF	
555.3...555.7	NOT used		-	
608	Setting value of modulation air at ignition load (PWM%),	55	50	55
609	Setting value of modulation (PWM%) air at low-fire; lower limit modulation range	15	11	16
610	Setting value of modulation (PWM%) air at high-fire; upper limit modulation range	100	88	100
611	Setting value of required speed (rpm) at ignition load	4500	4300	4400
612	Setting value of required speed (rpm) at low-fire	1850	1600	2000
613	Setting value of required speed (rpm) at high-fire	5900	5100	5900

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QAA73 parameters	<i>Description of parameters</i>	24 kW	20/24 kW	24/28 kW
614	Open Therm input setting (QAA73) 0= only with QAA73 1= with Low Voltage room thermostat RT or QAA73 2= factory default – only for LUNA IN models		0	
641	Setting value post purge time (s)		10	
677	Preset output BMU (controller stop function) max = 100 % min = 0 %		0	
678	MANUFACTURE information	205	202	205
651	Hydraulic system adjustment	1	2	
652	MANUFACTURE information	1240	2242	2280

ONLY READING PARAMETERS				
700 **	1 st previous fault code counter		-----	
702	1 st internal previous fault code		-----	
703 **	2 nd previous fault code counter		-----	
705	2 nd internal previous fault code		-----	
706 **	3 rd previous fault code counter		-----	
708	3 rd internal previous fault code		-----	
709 **	4 th previous fault code counter		-----	
711	4 th internal previous fault code		-----	

DEFAULT PARAMETERS LIST		NOVADENS		
		1.240	240	280
QAA73 parameters	Description of parameters	24 kW	20/24 kW	24/28 kW
712 **	5 th previous fault code counter		-----	
714	5 th internal previous fault code		-----	
715	Actual fault code counter		-----	
** The counter shows the number of times of same error happened				
728	HMI code of 1 st previous error counter		-----	
729	HMI code of 2 nd previous error counter		-----	
730	HMI code of 3 rd previous error counter		-----	
731	HMI code of 4 th previous error counter		-----	
732	HMI code of 5 th previous error counter		-----	
733	HMI code of actual error counter		-----	