

# HEATING CONTROLLER

01.2015



GENERAL:								
Symbol	GH09xx	GH07xx	GH10xx	GH11xx	GA01Hx	GH21xx	GH22xx	GA03Hx
APPLICATION	NA - blow air for coal and wood(CH+HUW) NB - blow air for coal, wood (CH)	EB - Ion (electrode) boiler	MA - clum mialowy NA - coal air blow RA - screw feeder TA - piston feeder PA - pellets, HA - holzgas PF - pellets (flue gas sensor) PC - pellets with motion grate	MA - clum mialowy NA - coal air blow RA - screw feeder TA - piston feeder	GH11xx GH07EB (GA01HC)	NA - coal and clum air blow RA - screw feeder TA - piston feeder PB - pellets (flue gas sensor)	NA - coal and clum air blow RA - screw feeder TA - piston feeder PB - pellets (flue gas sensor)	GH21xx GH22xx
PARAMETRY:								
CONSTRUCTION	one - module construction	one - module construction	two - module construction	one - module construction	one - module construction	one - module construction	two - module construction	one - module construction
DIGITAL	LED - 4 segment	LED - 4 segment	LED - 4 segment	LED - 4 segment	LCD 132/32	LCD 132/32	LCD 132/32	LCD 132/32
CURRENT	5A	7A	7A	7A	x	7A	7A	x
INPUT / OUTPUT	2 / 3	4 / 4	4 / 4	4 / 4	x	4 / 4	4 / 4	x
OUTPUT RELAY	<b>lmax</b>	<b>lmax</b>	<b>lmax</b>	<b>lmax</b>	x	<b>lmax</b>	<b>lmax</b>	x
CH PUMP	1A (200W)	1A (200W)	1A (200W)	1A (200W)	x	1A (200W)	1A (200W)	x
HUW PUMP	1A (200W)	1A (200W)	1A (200W)	1A (200W)	x	1A (200W)	1A (200W)	x
FAN	NO	NO	NO	NO	x	NO	NO	x
FEEDER	NO APPLICABLE	NO	NO	NO	x	NO	NO	x
3- WAY VALUE	NO	NO	NO	NO	x	NO	NO	x
CHI PUMP	NO	NO	NO	NO	x	NO	NO	x
OUTPUT TRIAK	<b>lmax</b>	<b>lmax</b>	<b>lmax</b>	<b>lmax</b>	x	<b>lmax</b>	<b>lmax</b>	x
FAN	3A (600W)	NO	1A / 200W	1A / 200W	x	1A / 200W	1A / 200W	x
FEEDER	NO APPLICABLE	NO	2A / 400W	2A / 400W	x	2A / 400W	2A / 400W	x
ION BOILER	NO APPLICABLE	YES	NO APPLICABLE	NO APPLICABLE	x	NO APPLICABLE	NO APPLICABLE	x
INPUTS								
BOILER TEMPERATURE	NTC 2,2kΩ	NTC 2,2kΩ	NTC 2,2kΩ	NTC 2,2kΩ	x	NTC 2,2kΩ	NTC 2,2kΩ	x
HUW TEMPERATURE	NTC 2,2kΩ	NTC 2,2kΩ	NTC 2,2kΩ	NTC 2,2kΩ	x	NTC 2,2kΩ	NTC 2,2kΩ	x
FLUE GAS TEMPERATURE	NO	NO	PT1000	PT1000	x	PT1000	PT1000	x
CO TEMPERATURE	NO	NO	NO	NO	x	NO	NO	x
FEEDER TEMPERATURE	NO APPLICABLE	NO	NTC 2,2kΩ	NTC 2,2kΩ	x	NTC 2,2kΩ	NTC 2,2kΩ	x
RETURN TEMP.	NO APPLICABLE	YES	NO APPLICABLE	NO APPLICABLE	x	NO APPLICABLE	NO APPLICABLE	x
OGÓLNE:								
Thermostat	NO	YES	YES	NO	x	NO	NO	x
Reed relay (0 / 1)	NO APPLICABLE	NO	CTC100	CTC100	x	CTC100	CTC100	x
ROOM PANEL GA01HA (RS485)	NO	YES (GA01HC)	NO	YES	YES	NO	NO	NO
ROOM PANEL GA03HA (RS485)	NO	NO	NO	NO	NO	YES	YES	YES
FUNCTION:								
MODULATION FAN	YES	NO APPLICABLE	YES	YES	x	YES	YES	x
PRIORITY HUW	YES	YES	YES	YES	YES	YES	YES	YES
EMERGENCY WORK	NO	NO	NO	NO	x	YES	YES	x
HISTORY RECORD	NO	NO	NO	NO	NO	YES	YES	YES
ANTI-STOP	NO	NO	NO	NO	NO	YES	YES	YES
MODIFY DIGITAL GRAFIC	NO	NO	NO	NO	NO	YES	YES	YES
GRATE MODE	NO	NO	NO	NO	NO	YES	YES	YES
ONLY PUMP MODE	NO	NO	NO	NO	NO	YES	YES	YES
PROTECTION:								
EMERGENCY WORK	NO	NO	NO	NO	x	YES	YES	x
OVERHEAT BOILER (SOFT)	YES	YES	YES	YES	x	YES	YES	x
OVERHEAT BOILER- STB (MANUAL)	YES	YES	YES	YES	x	YES	YES	x
FEEDER (triaka na zwarcie) - przekaźnik	NO APPLICABLE	NO	YES (Yes common with fan)	YES (Yes common with fan)	x	YES (**Yes common with fan)	YES (**Yes common with fan)	x
FAN (triaka na zwarcie) - przekaźnik	NO	NO	YES (Yes common with feeder)	YES (Yes common with feeder)	x	YES (**Yes common with feeder)	YES (**Yes common with feeder)	x
FFEDER FLAME	NO APPLICABLE	NO	YES	YES	x	YES	YES	x