



							
GENERAL:							
<i>Symbol</i>	GH09xx	G-403-Pxx	G-406-Pxx	GH10xx	GH11xx (* - nowy model)	GH13xx	GH21xx
<i>Construction</i>	NA - coal (CH+HUW) NB - coal (CH)			MA - coal and culm NA - coal RA - screw feeder PA - pellets HA - holzgas	MA - coal and culm NA - coal RA - screw feeder TA - piston feeder	MA - coal and culm NA - coal RA - screw feeder TA - piston feeder HA - holzgas	NA / MA - coal and culm RA - screw feeder TA - piston feeder HA - holzgas PA - pellets
PARAMETER:							
<i>Construction</i>	single module	two modules	two modules	two modules	two modules	single module	single module
<i>Mounting in boiler</i>	Obudowa plastikowa	Module for TS-35 rail assembly	Module for TS-35 rail assembly	Module for TS-35 rail assembly	Plastic casing	Plastic casing	Plastic casing
<i>Voltage</i>	230V	230V	230V	230V	230V	230V	230V
<i>Work temperature</i>	5°C - 40°C	5°C - 40°C	5°C - 40°C	5°C - 40°C	5°C - 40°C	5°C - 40°C	5°C - 40°C
<i>Humidity</i>	20% - 80%	20% - 80%	20% - 80%	20% - 80%	20% - 80%	20% - 80%	20% - 80%
<i>Types of the sensors</i>	NTC 2,2k Ω	NTC 2,2k Ω	NTC 2,2k Ω	NTC 2,2k Ω / PT1000	NTC 2,2k Ω / PT1000	NTC 2,2k Ω / PT1000	NTC 2,2k Ω / PT1000
<i>Maximum working temperature of the sensors</i>	115°C	115°C	115°C	115°C / 750°C	115°C / 750°C	115°C / 750°C	115°C / 750°C
<i>Display</i>	LED - 4 segmenty	LED - 4 segmenty	LED - 4 segmenty	LED - 4 segmenty	LED - 4 segmenty	LCD 132/32	LCD 132/32
<i>Tape</i>	10 PIN	10 PIN	10 PIN	16 PIN	16 PIN	16 PIN	16 PIN
<i>Total current (recommended)</i>	5A	10A	10A	7A	7A	7A	7A
<i>Inputs / Outputs - quantity (maximum extension)</i>	2 / 3	4 / 4	3 / 4	4 / 4	4 / 4	4 / 4	4 / 4
OUTPUTS-RELAYS:	<u>Safe working load</u>						
<i>CH pump</i>	1A (200W)	4A (750W)	4A (750W)	1A (200W)	1A (200W)	1A (200W)	1A (200W)
<i>HUW pump</i>	1A (200W)	4A (750W)	4A (750W)	1A (200W)	1A (200W)	1A (200W)	1A (200W)
<i>Fan</i>	NO	4A (750W)	NO	NO	NO	NO	NO
<i>Fuel feeder</i>	NO APPLICABLE	8A (1500W)	4A (750W)	NO	NO	NO	NO
<i>3-way valve / 4-way valve</i>	NO	NO	NO	NO	NO	NO	NO
<i>CH 2 pump</i>	NO	NO	NO	NO	NO	NO	NO
OUTPUTS TRIACS	<u>Safe working load</u>						
<i>Fan</i>	3A (600W)	NO	3A / 600W	1A / 200W	1A / 200W	1A / 200W	1A / 200W
<i>Fuel feeder</i>	NO APPLICABLE	NO	NO	2A / 400W	2A / 400W	2A / 400W	2A / 400W
ANALOG INPUTS							
<i>Temperature of outlet water (from boiler)</i>	NTC 2,2k Ω	NTC 2,2k Ω	NTC 2,2k Ω	NTC 2,2k Ω	NTC 2,2k Ω	NTC 2,2k Ω	NTC 2,2k Ω
<i>Temperature of HWU (Hot Water Utility)</i>	NTC 2,2k Ω	NTC 2,2k Ω	NTC 2,2k Ω	NTC 2,2k Ω	NTC 2,2k Ω	NTC 2,2k Ω	NTC 2,2k Ω
<i>Temperature in the chimney</i>	NO	NO	NO	PT1000	PT1000	PT1000	PT1000
<i>Temperature of CH 1 circulation</i>	NO	NO	NO	NO	NO	NO	NO
<i>Temperature of the feeder</i>	NO APPLICABLE	NTC 2,2k Ω	NTC 2,2k Ω	NTC 2,2k Ω	NTC 2,2k Ω	NTC 2,2k Ω	NTC 2,2k Ω
DIGITAL INPUTS							
<i>External thermostat</i>	NO	YES	YES	YES	NO	NO	NO
<i>Reed relay (0 / 1)</i>	NO APPLICABLE	CTC100	CTC100	CTC100	CTC100	CTC100	CTC100
<i>Room panel GA01HA (RS485)</i>	NO	NO	NO	NO	YES	YES	NO
<i>Room panel GA03HA (RS485)</i>	NO	NO	NO	NO	NO	NO	YES
FUNCTIONS:							
<i>Adjusting the fan speed</i>	YES	NO	YES	YES	YES	YES	YES
<i>HUW priority</i>	YES	NO	NO	YES	YES	YES	YES
<i>Legionella</i>	YES	NO	NO	YES	YES	YES	YES
PROTECTIONS:							
<i>Overheating of the boiler (software)</i>	YES	YES	YES	YES	YES	YES	YES
<i>Overheating of the boiler - STB (temp. Limiter)</i>	YES	YES	YES	YES	YES	YES	YES
<i>Feeder (triac on short-circuit) - relay</i>	NO APPLICABLE	NO	NO	YES (common with fan)	YES (common with fan)	YES (common with fan)	YES
<i>Fan (triac on short-circuit) - relay</i>	NO	NO	NO	YES (common with feeder)	YES (common with feeder)	YES (common with feeder)	YES
<i>Against revoking a fire to feeder</i>	NO APPLICABLE	YES	YES	YES	YES	YES	YES