



Heat recovery control EHC20

The EHC20 controller monitors the heat exchanger, mixing valve, charge pump and buffer tank, including flue gas sensor, contact sensor, and two storage sensors with immersion sleeve 200 mm.

Connection options

- 1 heat exchanger with bypass valve
- 2 buffer
- 2 charging pumps (standard or high efficiency)
- 1 3-way mixer with actuator 230V
- 1 exhaust gas sensor
- 1 flow sensor
- 4 Cylinder sensor
- 1 additional heat generator

Equipment

- Self-explanatory operation
- Full text display with graphic display and animation
- Illuminated relay for better contrast
- Long-term data storage for recording the amount of heat gained
- (optional - flow sensor additionally required) and operating hours (not calibrated)

- 24h power reserve
- SD card slot with 2GB SD card for data exchange via e-mail
- Ethernet connection for remote monitoring
- (optional - Data Logger GAW01 additionally required)
- Heat exchanger priority circuit for integrating an additional heat generator

Technical data

Description	EHC20
Height x width x depth	228 x 180 x 53 mm
IP-rating / material	IP-40 / ABS
Voltage	100-240 V AC
Power consumption	0.3-3 W
Fuse	3 x 2A T
Temperature	0-40° C (Storage 0-60° C)
LCD display	128 x 128 dot matrix
Real time clock	24h backup
Inputs	
Pt1000 Temperature sensors inputs	8 (-40° - 200° C)
Heat production measuring	2 (Grundfos Direct Sensor)
Outputs	
Solid state relay outputs	2
Mechanical relay output	5 (1 potential free)
Control signal 0-10 VDC	2
PWM output	1

The EHC20 can be used with all **exodraft** heat exchanger types.