



S-Thermatik NEO

Take the latest stage of development of burn-up control into your own hands!



For further information see www.spartherm.com



S-Thermatik NEO product profile



The S-Thermatik NEO is fully compatible with all previous and current motors, sensors and door switches. This means that any existing system can be upgraded to the new NEO control system. The NEO operates without a display on stove applications. These are already equipped with the familiar LED function indicator light.

Advantages of the new S-Thermatik NEO:

- Menu navigation available in nine languages: DE, GB, NL, FR, IT, ES, CZ, PL, S
- A progress bar on the main screen indicates the prevailing combustion status and the time for adding more fuel.
- Visual and acoustic signal for adding more fuel
- In the event of a power failure, the air lever moves automatically into a safe position. It is then possible to continue heating manually. Until power is restored, there is no need for the operator to do anything with the control system.
- Terminal box no longer exists. Instead, all wires lead directly to the NEO controller without intermediate connectors.
- Low cost of installation, minimal space required
- Connection to remote-controlled opening mechanism for push-up fire door (SESAM) is possible
- Bluetooth connection to mobile devices. A free app (Android and IOS) is available for smartphones and tablets that displays the status of the NEO and that can be used to control it.

Technical data

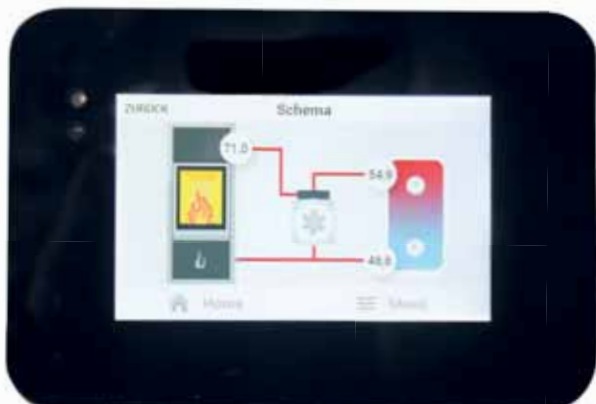
Display

Dimensions (W x H x T):	147 x 99 x 21 mm, without connectors
Build-in version of installation socket	min. 140 x 83 x 32 mm
Screen:	4.3 inches (11 cm)
Degree of protection:	IP 50 (dust-protected)
Display cable:	5 m; RJ12 connectors on both sides
Colour scheme:	black or white

Control

Dimensions (L x W x H):	147 x 113 x 33 mm, without connectors
Degree of protection:	IP 20 (finger-safe)
Power consumption:	max. 8 W in operation, approx. 5 W in standby
Operating voltage:	100–240 V; 50 Hz

Black version



White version



Inputs:

- 1 x Flue gas sensor, K-type
- 3 x PT1000 sensor for water applications
- 2 x Door contact switch
- 1 x Room temperature sensor
- 1 x Mains voltage
- 1 x Differential pressure monitor SUSI II interface

Outputs:

- 1 x Circulation pump
- 2 x Freely programmable relay (1 each, 5A alternating contact)
- 1 x Display
- 1 x Function check LED
- 1 x Servomotor
- 1 x Spring return motor
- 1 x Earth connection

