



LK Armatur

ELECTRONIC CONTROL FOR HEATING SYSTEMS WITH WATER - CONTAINING WOOD OR PELLET STOVE



LK 162 SmartStove®



LK 162 SmartStove®

“Thanks to the alarm function in case of over temperature, you can enjoy the warmth without worrying”



TECHNICAL DATA

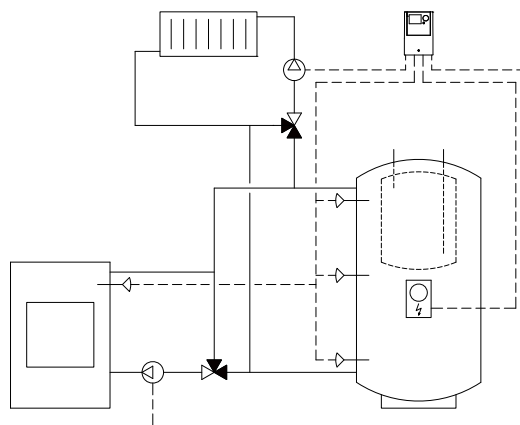
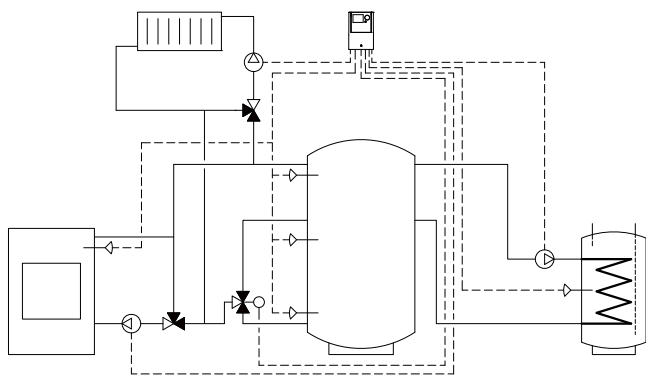
Voltage	230 VAC ± 10%, 50 Hz
Power consumption	3,5 VA
Relay output	Max. 240 VAC, 4 A
Triac outputs	230 VAC ± 10%, 1 A, 200 VA
High-efficiency pump	Analog output 0 -10 V, max. 10 mA PWM output 100 Hz - 2 kHz
Sensors	PT 1000
Display	TFT backlit colour display 47 x 35 mm
Protection type	IP 20
Protection class	II

LK 162 SmartStove® is a biomass controller for multi-fuel water-containing stoves with buffer tanks. The controller has a number of preset hydraulic systems for different installations.

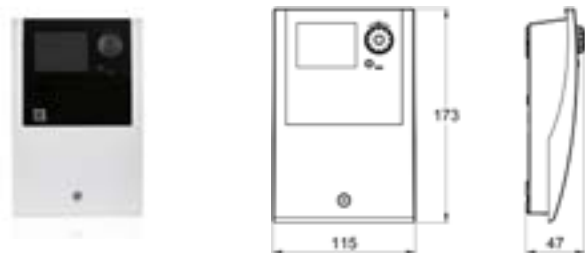
For indication of the active hydraulic system and the current temperatures in stove and buffer tank the controller is equipped with a coloured full graphics display which is permanently backlit.

LK 162 SmartStove® can control the charge pump of a loading unit, the circulator in a heating loop, high-efficiency pumps and an additional heat source.

EXAMPLE OF TWO DIFFERENT HYDRAULIC SYSTEMS



LK 162 SMARTSTOVE®



ARTICLE NO.

181708

ARTICLE

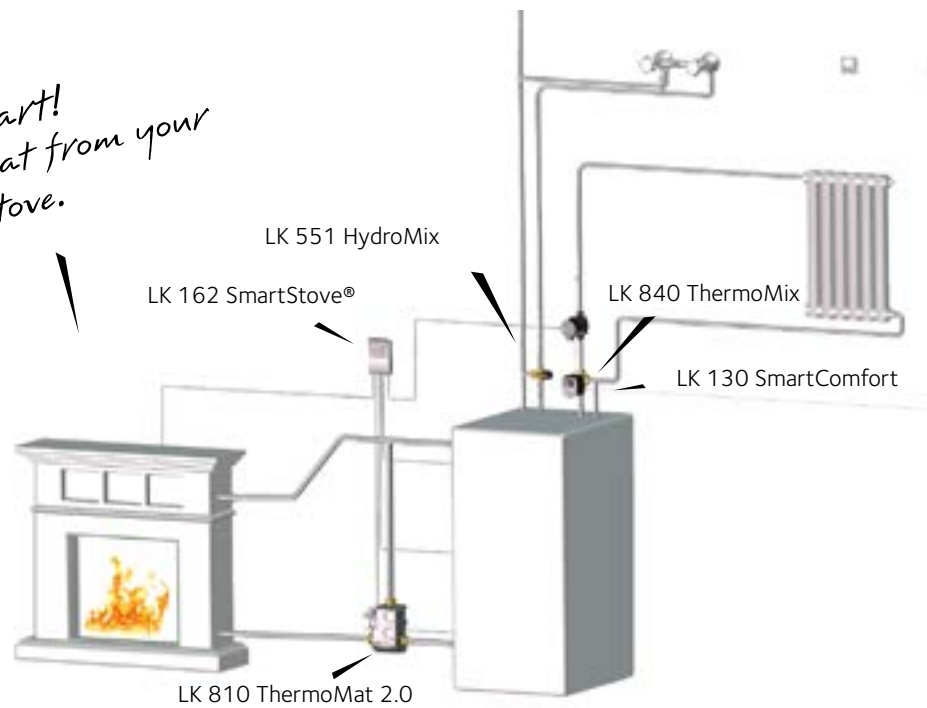
LK 162 SmartStove®

WEIGHT KG

0.7

Four sensors included (PT 1000 - 4 m cable).

*Smart!
Use the heat from your
stove.*



SMARTSTOVE® FEATURES:

- Acoustic alarm and indication in the display if over temperature should occur in stove or buffer tank.
- A temperature sensor in the stove controls the charge pump of the loading unit, no flue-gas thermostat is needed.
- Pump delay function. The circulation pump does not start until the stove has reached a certain temperature. This saves energy, prevents tarring and prolongs the life-time of the stove.
- Dynamic pump control can be activated when the loading unit is equipped with a speed-controlled pump. The pump control keeps the flow at a constant temperature.
- Economy or comfort mode available.
- Controls an additional heat source.
- SmartStove® tells you when to light up the stove in order to cover the need for warm water and heat.
- Delay function for the additional heat source.
- 7 hydraulic systems which can be mirrored.
- 2 outputs for speed-controlled pumps with PWM- and/or analogue signal.
- 6 terminals for temperature sensors.
- 1 floating change-over contact.
- SD card slot.
- USB for PC connection.
- Legionella prevention.
- Pump exercise.
- Freeze protection.
- Long running time for pellet stoves which prolongs lifetime of the ignition element.

Go green!

LK 162 SmartStove® is one of our many energy saving products for your heating system.
See the complete range at www.lkarmatur.se



LK 551
HydroMix



LK 130
SmartComfort



LK 840
ThermoMix®



LK 810
ThermoMat 2.0





Curious for more?



LK 130 SmartComfort

An electronic, weather compensated, indoor temperature controller for hydronic radiator and underfloor heating systems.



LK 810 ThermoMat 2.0 W

A loading unit with thermic regulation of the return temperature. With max. boiler efficiency of 65 kW at 20° ΔT.



Do you want to know more?
Please visit our website.
www.lkarmatur.se

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