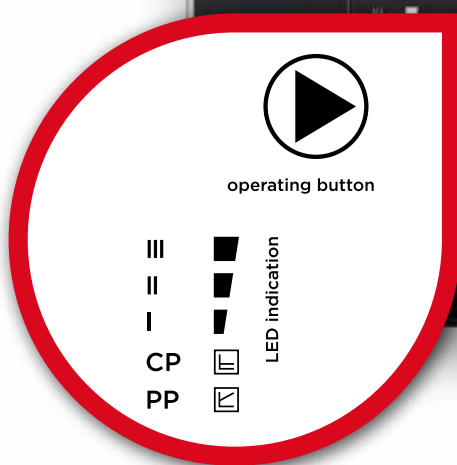


Regulus

Pump Stations

for heating
systems



NEW

with Regulus RPA 25-8
circulation pump

RegulusTOP Pump Stations

CSE2 Twin-line models



FOR UNMIXED HEATING CIRCUITS

- with filter & magnet
- connection: 1" F



FOR MIXED HEATING CIRCUITS

- with filter & magnet
- fitted with actuator/no actuator
- connection: 1" F
- with/without thermostatic mixing

CSE Single-line models



FOR UNMIXED HEATING CIRCUITS

- with/without filter & magnet
- with/without check valve
- connection: 1" F



FOR MIXED HEATING CIRCUITS

- fitted with actuator/no actuator
- connection: 1" F or 5/4" F

RegulusRGMAT Load Units

for solid-fuel boilers and fireplaces



- with thermostatic mixing (TSV valve included)
- valve opening temperature: 45-72 °C
- with automatic / manual bypass balancing
- models with ball valves with union nuts
- connection: 1" F or 5/4" F

Models available with a **range of circulation pumps**

- **Regulus** RPA 25-8
- **Wilo** PARA 25/6 SC
PARA 25/8 SC
PARA 25/8 iPWM
- **Grundfos** UPM3 AUTO 25-60
UPM3 FLEX AS 25-75

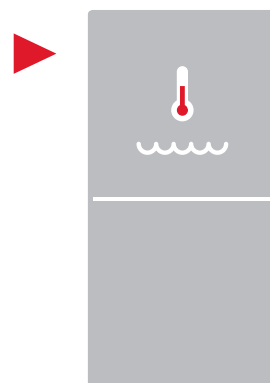
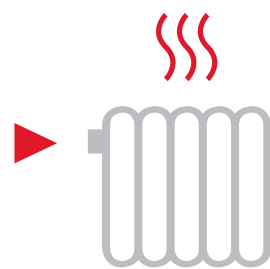


Regulus

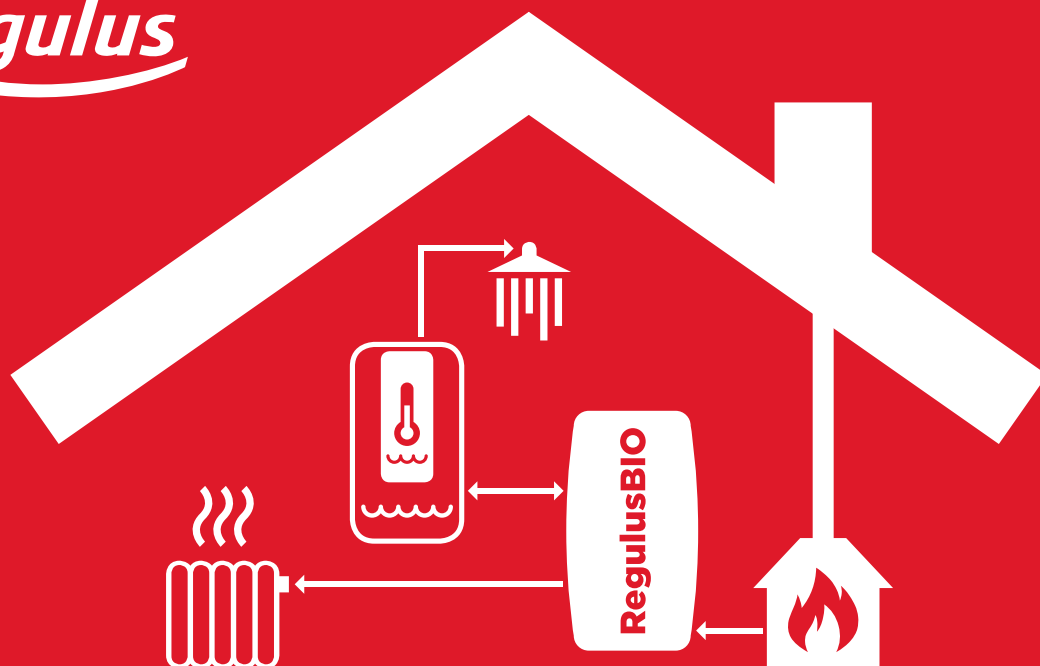
ALL-IN-ONE LOAD UNIT

RegulusBIO

NEW!



Regulus



RegulusBIO

Benefits



FOR INSTALLERS

**SHORT
INSTALLATION
TIME**



**POWERED FROM
A WALL SOCKET**



**PRESET
CONTROLLER**



**IMMEDIATELY
WORKING
SYSTEM**

FOR USERS

**REDUCED
INSTALLATION
COSTS**



**EASY
COMMISSIONING**



**HIGH SYSTEM
EFFICIENCY**



**IMMEDIATELY
WARM
IN THE HOUSE**



Heat that is not immediately used for space heating is stored in a thermal store and is used later for space or DHW heating in periods when the boiler is no longer firing.

RegulusBIO

Insulated All-in-one with an integrated controller for an easy connection of a heating system with a hydronic fireplace / solid-fuel boiler and a thermal store.

RegulusBIO All-in-one is designed for heating systems with a hydronic fireplace / solid fuel boiler with a thermal store and DHW heating. Water for the heating system is mixed by an electric actuated 3-way load valve, the return water temperature to the boiler is kept at the min. temperature of 55 °C by the load valve. The boiler heat surplus is stored into a thermal store and used later automatically after the boiler goes out.

The integrated controller controls the entire system. The All-in-one comes completely internally wired and fitted with a power cable with el. plug. The system can be controlled from a room unit with a touchscreen, or from a mobile phone via a dedicated application.



Code:

RegulusBIO All-in-one
BIO 55 MIX W TRS

17499

Recommended for boilers up to 40 kW output.

MAIN ADVANTAGES

- Wilo Para 25/8 circulation pumps with speed control by a controller
- TSV3BM 55 °C Load Valve (other temperatures available by replacing the thermostatic element)
- 3-way mixing valve for heating circuits (Kvs 6,3 m³/h) with electric actuator
- TRS6 BIOMIX Controller, permits connecting a room unit
- Internally wired All-in-one, incl. a power cable with el. plug and temperature sensors
- 2 ball and drain valves to shut off and drain a heating system
- 2 ball valves, to shut off a boiler
- 2 ball valves, to shut off a thermal store
- Outlets for a thermal store can be converted to the right-hand side
- Connection dimensions 6x G 1" F
- Dimensions 640 x 250 x 350 mm

OPTIONAL ACCESSORIES

Code:



Caleon Room Unit

offers control through a touch screen and also serves as a room sensor.

17150



Caleon WiFi Room Unit

permits moreover remote control by a mobile phone.

18126



Room Temperature Sensor

can be used for Hydraulic Variants 1 A, B, C.

16167



MAGNET FILTERBALL 1"

Ball valve with filter and magnet.

17405



PG 600 Backup Power Supply

for circulation pumps and controllers as well, with 18 Ah external battery

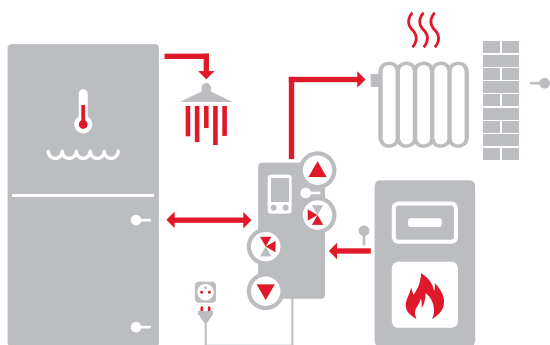
17135

Further accessories can be connected depending on the selected hydraulic variant - more info in the instruction manual.

HYDRAULIC VARIANTS

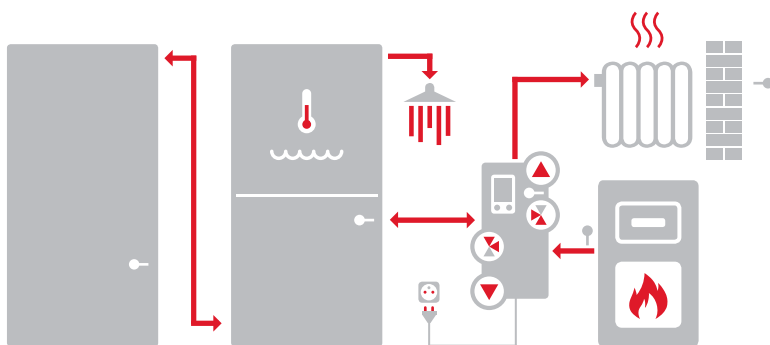
VARIANT 1A

System with
Combi Thermal Store.



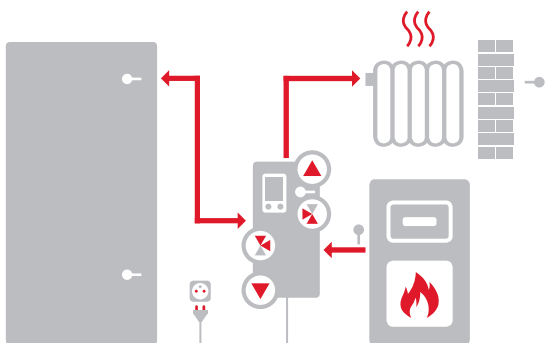
VARIANT 1B

System with
Combi Thermal Store and additional Store.



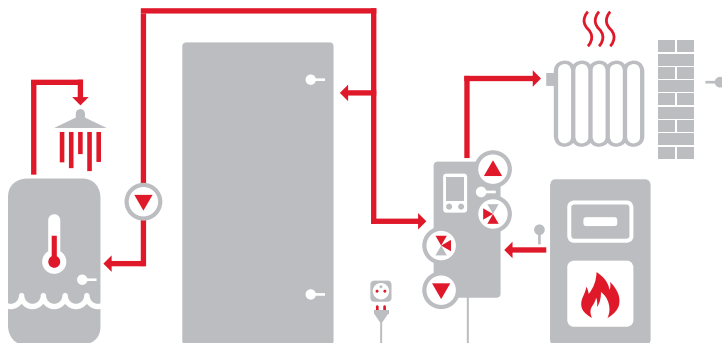
VARIANT 1C

System with
a Thermal Store.



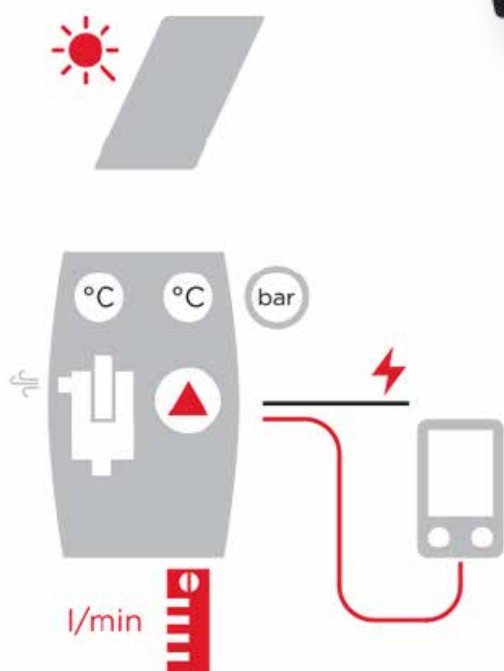
VARIANT 2

System with a Thermal Store
and a Hot Water Storage Tank.



Regulus

Pump Stations for solar systems



- ✓ Socket connection of electric heating element
- ✓ Easy installation without electrician

Overview of available **model lines**



CSE2 SOL
twin-line



CSE1 SOL
single-line



CSE SOL
single-line

Available **equipment possibilities**

Controller

- models without controller
- models with controller



SRS1 T Controller with

3 inputs for temperature sensors
1 relay up to 3 kW
1 iPWM/O-10V output

SRS3 E Controller with

4 inputs for temperature sensors
2 relays up to 3 kW
1 PWM/O-10V output



Special features

- socket for a simple connection of an electric heating element
- socket for switching an auxiliary heat source
- air separator

Connections

- 3/4", 1", Cu 22, Cu 28

Range of circulation pumps

- **Wilo PARA ST 25/7 iPWM2** for PWM controllers
- **Grundfos UPM3 Hybrid 25-70** for PWM or ON/OFF controllers

