

DeltaSol® Minipool



rosenthal design 

The **DeltaSol® Minipool** is a controller for heating a swimming pool by means of solar collectors and optimised operation of the **filter system**. Furthermore, the controller has many additional pool functions such as: maximum limitation of flow temperature, **pool cooling function** and a flushing function.

The **DeltaSol® Minipool** can easily be connected to other modules via the **VBus®**.

- Controller for heating a swimming pool by means of solar collectors and optimised operation of the filter system
- 4 sensor inputs and 2 relay outputs
- Filter runtime monitoring
- Maximum flow temperature limitation
- Cooling function
- Collector emergency shutdown
- Heat quantity measurement
- Operating hours counter

Controller
for solar
swimming pool
heating!

With filter runtime monitoring!

RESOL DeltaSol® Minipool

Price bracket A | Article no.: **115 662 93**

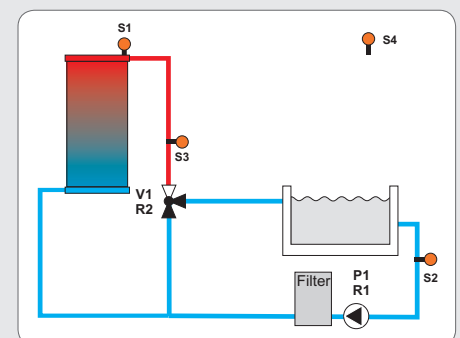
RESOL DeltaSol® Minipool – Full kit

Incl. 3 Pt1000 sensors (2 x FKP6, 2 x FRP6)

Price bracket A | Article no.: **115 663 03**

The controller can be branded with your own logo.
Please contact our sales team.

Example





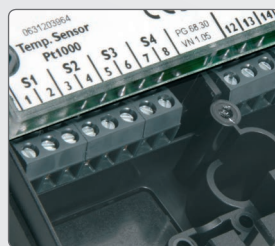
Uncomplicated operation and control



Easy mounting...

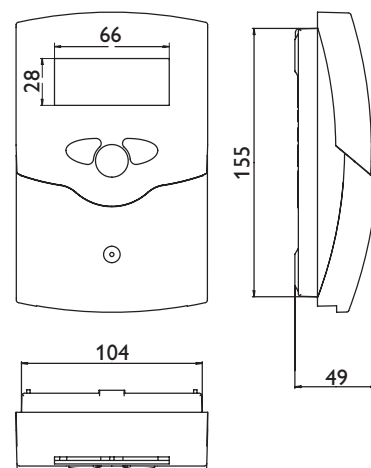


...adjustment...

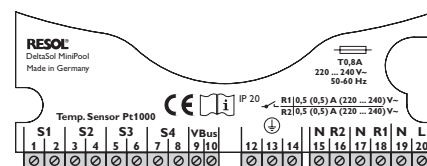


...and service

Technical data



Electrical connection



Inputs: 4 Pt1000 temperature sensors

Outputs: 2 semiconductor relays

Switching capacity:

0,5 (0,5) A 240 V~ (semiconductor relay)

Total switching capacity: 0.8 A 240 V~

Power supply: 220 ... 240 V~ (50 ... 60 Hz)

Supply connection: type Y attachment

Power consumption: ca. 2 W

Mode of operation: type 1.B.C.Y action

Rated impulse voltage: 2.5 kV

Data interface: RESOL VBus®

VBus® current supply: 30 mA

Functions: function control, filter runtime monitoring, maximum flow temperature limitation, cooling function, collector emergency shutdown, heat quantity measurement, operating hours counter

Housing: plastic, PC-ABS and PMMA

Mounting: wall mounting, mounting into patch panels is possible

Indication/Display: graphic display, 160 x 64 pixels

Operation: 3 push buttons at the front

Ingress protection: IP 20 / EN 60529

Protection class: I

Ambient temperature: 0 ... 40 °C

Pollution degree: 2

Dimensions: 172 x 110 x 49 mm

Accessories



RESOL GA3

Large Display module with 3 displays for collector and store temperatures as well as for heat quantity, incl. power supply

Price bracket C | Article no.: **180 006 50**



RESOL VBus®/USB interface adapter

PC connection kit for RESOL controllers with VBus® incl. RESOL ServiceCenter Software

Price bracket B | Article no.: **180 008 50**



RESOL VBus®/PWM interface adapter

VBus® converter to a PWM or 0-10V signal

Price bracket B | Article no.: **180 008 60**



RESOL DL2 Datalogger

Datalogger incl. RESOL ServiceCenter Software full version ready to plug in with mains adapter and VBus®

Price bracket B | Article no.: **180 007 10**



RESOL AM1

Alarm module for signalling system failures

Price bracket B | Article no.: **180 008 70**