

Regulus

RTC 6i, 13e Heat Pumps

air-to-water, modulating
for buildings with heat loss
up to 10 kW

- High COP, low noise.
- Suitable also for combination with PV.
- Warranty on compressor up to 10 years.



COOLING
IN THE SUMMER
HEATING
IN THE WINTER

RTC 6i - code 17735

- heating output 1-6 kW, cooling output 1.5-5.5 kW

RTC 13e - code 19437

- heating output 3-12 kW, cooling output 3-10 kW

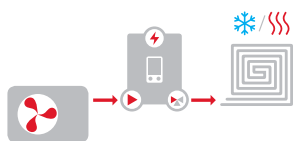
INSTALLATION OPTIONS

Installation with RegulusBOX wall-hung indoor unit

- Connecting a hot water tank is possible, 3-way valve inside.
- Electric boiler 2-12 kW, pressure sensor, circulation pump.
- A smart controller with an internet connection and a control display that can be moved to the living area of the house and used as a room temperature and humidity sensor.
- Control of a second heating circuit is possible using an expansion kit (code 19401)



A) RegulusBOX – indoor unit

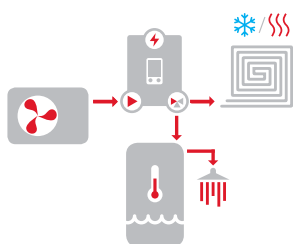


RegulusBOX RTC 3/1S

Code 18930

Heating (cooling) only, no DHW heating. Can be supplemented with a hot water tank, min. heat exchanger surface area is 1.0 sqm for RTC 6i and 1.5 sqm for RTC 13e.

B) RegulusBOX and hot water storage tank



RGC 170 BOX RTC

Code 20098

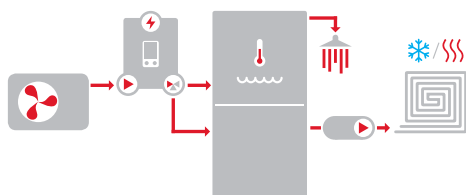
RGC 170 – enamelled hot water tank, 173l volume, diameter with insulation 715 mm, 1030 mm high

NBC 170 HP BOX RTC

Code 20097

NBC 170 HP – stainless-steel hot water tank, 170l volume, diameter with insulation 500 mm, 1075 mm high

C) RegulusBOX and HSK 350 K P-B thermal store with DHW

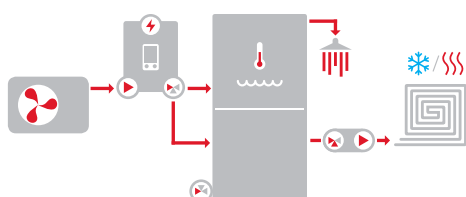


HSK 350 BOX RTC

Code 20093

HSK 350 K P-B – thermal store with stainless-steel DHW heat exchanger, 340l volume, diameter with insulation 750 mm, 1655 mm high

D) RegulusBOX and HSK 650 PB thermal store with DHW



RTC 13e HSK 650 BOX

Code 21140

HSK 650 PB – thermal store w. DHW heating in stainless-steel heat exchanger, 625l volume, diameter with insulation 950 mm, 1725 mm high

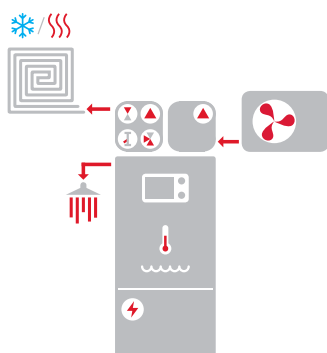
The set contains also a RTC 13e heat pump and is suitable for cooperation with PV systems.

Installation with RegulusHBOX floor-standing indoor unit with DHW heating

- Continuous DHW heating in a HSK 210 combination thermal store with a stainless-steel heat exchanger.
- Electric boiler 2-12 kW, twin-line pump station for heat pump, safety group, heating system expansion vessel.
- A smart controller with an internet connection and a control display that can be moved to the living area of the house and used as a room temperature and humidity sensor.
- Ready for connecting one or more heating circuits.



E) RegulusHBOX – indoor unit with continuous DHW heating



RegulusHBOX 212 RTC 3/1S

Code

20029

Available also in a discounted kit with a RTC 13e heat pump.

Code

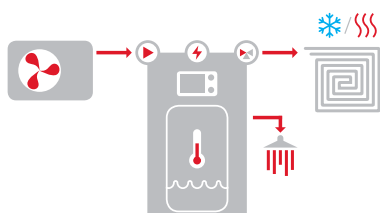
21142

Installation with RegulusHBOX K floor-standing indoor unit with DHW heating

- DHW heating in RGC 170 hot water tank.
- Electric boiler 2-6 kW, circulation pump, zone valve.
- A smart controller with an internet connection and a control display that can be moved to the living area of the house and used as a room temperature and humidity sensor.
- For unmixed systems (one circulation pump for heating and flow through the heat pump).



F) RegulusHBOX K – indoor unit with DHW heating in hot water tank



RegulusHBOX K 106 RTC 3/1S

Code

20631

Available also in a discounted kit with a RTC 13e heat pump.

Code

21141

Installation with pump station with controller

The pump station contains Wilo circulation pump with speed control and flowrate information, Magnet Filterball, thermometer, insulation and 15 m long communication cable. The IR 14 smart controller with internet connection controls heat pumps (cascades), two heating circuits, heating and recirculation of DHW, a solar thermal system, cooperation with PV/other heat sources.



G) Pump station with IR 14 controller

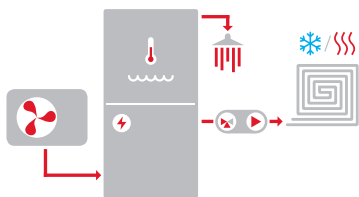


CSE IR 14 RTC

Code 18242

Universal use, the controller must be installed in the distribution box and the distribution box must be equipped according to the project documentation.

H) Pump station with IR 14 controller, HSK 400 P+ thermal store

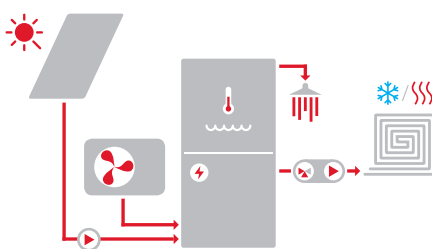


HSK 400 RTC

Code 21138

HSK 400 P+ – thermal store with hot water heating in stainless steel heat exchanger, 408l volume, diameter with insulation 750 mm, 1905 mm high

I) Pump station with IR 14 controller, HSK 400 PR+ thermal store



SOL HSK 400 RTC

Code 20102

HSK 400 PR+ – thermal store with hot water heating in stainless steel heat exchanger, with heat exchanger for connecting solar thermal system, 404l volume, diameter with insulation 750 mm, 1905 mm high

The set contains three KPG1 solar thermal collectors.

Accessories (connecting hoses, heating cables, room sensors and units) should be ordered from the Regulus Catalogue.

Our regional sales representatives can help you with creating offers or contact us at: poptavky@regulus.cz

REGULUS spol. s r.o., Czech Republic

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