

# Regulus

## RTC 6i & 13e Heat Pumps

air-to-water, inverter models  
for buildings of heat loss  
up to 10 kW

- High COP, low noise.
- Suitable also for use with PV systems.
- Up to 10 years warranty on compressor.



**COOLING**  
IN SUMMER

**HEATING**  
IN 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

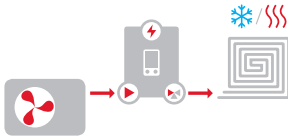
# INSTALLATION VARIANTS

## Installation with RegulusBOX Indoor Unit

- Connecting a hot water tank possible, 3-way valve inside.
- Electric boiler 2-12 kW, pressure sensor, circulation pump.
- Smart controller with Internet connection and control display that can be moved into a dwelling space of the building and used as a temperature and humidity room sensor.
- Control of one more heating circuit is possible through the expansion kit (code 19401).



### A) RegulusBOX – indoor unit

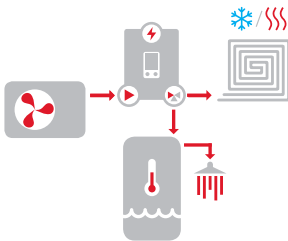


#### RegulusBOX RTC 3/1S

Code 18930

For heating (cooling) only, no DHW heating. A hot water storage tank can be added, with a heat exchanger min. surface area of 1.0 sqm for RTC 6i and 1.5 sqm for RTC 13e.

### B) RegulusBOX & hot water storage tank



#### RGC 170 BOX RTC

Code 20098

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

#### NBC 170 HP BOX RTC

Code 20097

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

#### RGC 300 BOX RTC

Code 21134

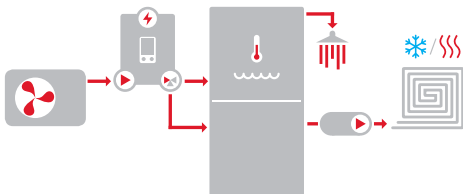
RGC 300 HP 2.5 - enamelled hot water storage tank, 283l volume, 700mm diameter with insulation, 1205mm high

#### HSK 220 BOX RTC

Code 21136

HSK 220 TV - hot water storage tank with DHW heating in a stainless-steel heat exchanger, 222l volume, 710mm diameter with insulation, 1105mm high

### C) RegulusBOX & HSK 350 K P-B thermal store

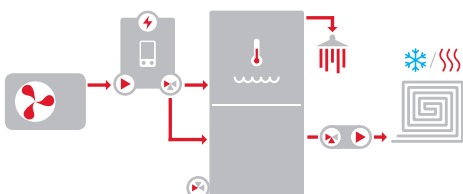


#### HSK 350 BOX RTC

Code 20093

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

### D) RegulusBOX & HSK 600 thermal store



#### HSK 600 BOX RTC

Code 20096

HSK 600 P - thermal store with DHW heating in a stainless-steel heat exchanger, 560l volume, 850mm diameter with insulation, 1935mm high

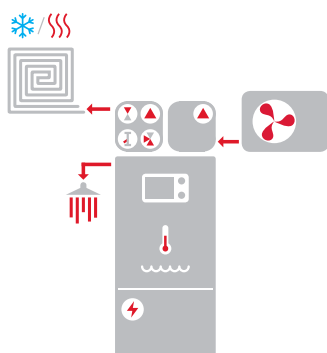
The set is suitable for use together with PV systems.

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

- Continuous DHW heating in HSK 210 combination thermal store with stainless-steel heat exchanger.
- Electric boiler 2-12 kW, twin-line pump station for heat pump, safety group, heating system expansion vessel.
- Smart controller with Internet connection and control display that can be moved into a dwelling space of the building and used as a temperature and humidity room sensor.
- Installation points prepared for connection of one or multiple heating circuits.



### E) RegulusHBOX indoor unit w. continuous DHW heating



**RegulusHBOX 112 RTC 3/1S** Code 20051

RegulusHBOX 112 RTC 3/1S is intended for unmixed systems (one circulation pump for both heating and flow through the heat pump).

**RegulusHBOX 212 RTC 3/1S** Code 20029

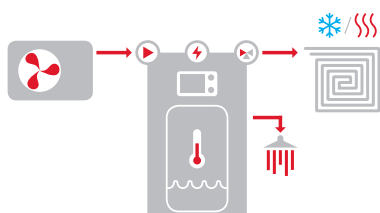
RegulusHBOX 212 RTC 3/1S is intended for separate systems and systems with multiple heating circuits (connection with a thermal store).

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

- DHW heating in RGC 170 hot water storage tank.
- Electric boiler 2-6 kW, circulation pump, zone valve.
- Smart controller with Internet connection and control display that can be moved into a dwelling space of the building and used as a temperature and humidity room sensor.
- For unmixed systems (one circulation pump for both 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

## Installation with pump station with controller

Pump station involving a Wilo pump with speed control and flow rate information, Magnet Filterball, thermometer, insulation and a 15m long communication cable. IR 14 smart controller with Internet connection controls heat pumps (even in cascades), two heating circuits, heating DHW incl. recirculation, solar thermal system, cooperation with a PV system and with other heat sources.



### G) Pump station with IR 14 controller

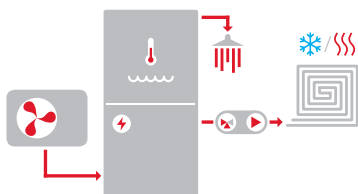


#### CSE IR 14 RTC

Code 18242

Universal application, the controller shall be fitted into switchboard equipped according to design documentation.

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

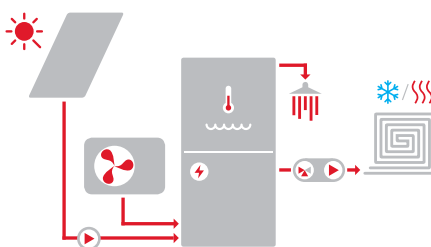


#### HSK 400 RTC

Code 21138

HSK 400 P+ thermal store with DHW heating in a stainless-steel heat exchanger, 408l volume, 750mm diameter with insulation, 1905mm high

### I) Pump station with IR 14 controller, HSK 390 PR hot water storage tank



#### SOL HSK 390 RTC

Code 20102

HSK 390 PR - thermal store with DHW heating in a stainless-steel heat exchanger, with a heat exchanger to connect a solar thermal system, 394l volume, 750mm diameter with insulation, 1905mm high

The set contains 3 KPG1 solar thermal collectors.

Accessories like connecting hoses, heating cables, room sensors and units can be ordered from the Regulus Catalogue.

If you wish to receive an offer, do not hesitate to contact us by e-mail at: [sales@regulus.eu](mailto:sales@regulus.eu)