

Regulus

RTC 6i & 13e Heat Pumps

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



SCOP
4,71
A+++

SCOP
4,47
A+++

COOLING
IN SUMMER

HEATING
IN WINTER

RTC 6i Heat Pump

- suitable for new buildings
- DHW heating in 170l hot water tank

REGULUS RTC 6i & 13e

HEAT PUMPS

for heating & cooling



- High COP, low noise
- Single-phase power supply
- Suitable also for use with a PV system
- Up to 10 year warranty on compressor
- MAX. flow temperature 55°C
- Can be installed without a thermal store*

	RTC 6i	RTC 13e
HEATING OUTPUT	1-6 kW	3-12 kW
COOLING OUTPUT	1.5-5.5 kW	3-10 kW
SCOP	4.47	4.71
ENERGY EFFIC. CLASS	A+++	A+++
FOR BUILDINGS	with a heat loss up to 5 kW	10 kW
	13 000 kWh	26 000 kWh
CODE	17735	19437

CONNECTION VARIANTS

A) RegulusBOX - indoor unit

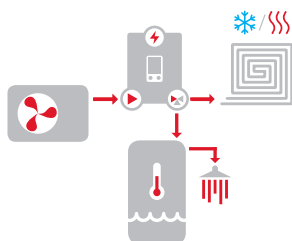


RegulusBOX RTC 3/1S

Code 18930

For heating (cooling) only, no DHW heating. More information on the indoor unit can be found on the rear page. 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 & RGC hot water storage tank

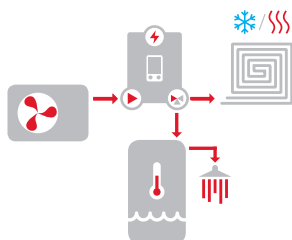


RGC 170 BOX RTC

Code 20098

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

C) RegulusBOX & NBC hot water storage tank

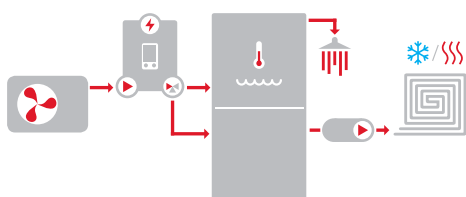


NBC 170 HP BOX RTC

Code 20097

NBC 170 HP - stainless-steel hot water storage tank, 171l volume, 500 mm diameter with insulation, 1075 mm high.

D) RegulusBOX & HSK 350 thermal store



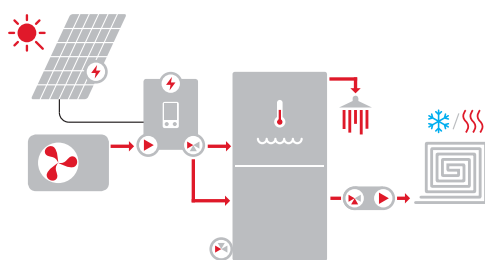
HSK 350 BOX RTC

Code 20093

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

* Min. volume in a non-closeable heating system is 60l for RTC 6i and 120l for RTC 13e.

E) RegulusBOX & HSK 600 thermal store



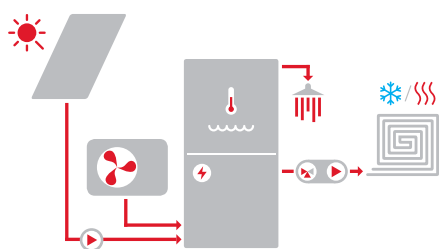
HSK 600 BOX RTC

Code

20096

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

F) Pump station with IR controller, HSK 390 thermal store & solar thermal system



SOL HSK 390 RTC

Code

20102

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

G) Pump station with IR 14 controller



CSE IR 14 RTC

Code

18242

Universal application, the controller needs to be fitted into a fuse box which is equipped according to documentation.

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

ACCESSORIES



Braided hose 1" F x 1" M-500 mm
- 2 pcs are needed to connect a heat pump
- for other hose lengths see the Catalogue

Code

15496



Heating cable for RTC, 5m total length (1m non-heating end)
- for condensate drain pipe, if it runs in such a manner that freezing is possible

Code

18491



RS 10 room temperature sensor, design ABB Time, white, two-wire connection.

Code

16167



RC 25 room unit with a temperature&humidity sensor, temperature setting knob, mode selection button, backlit, indicator, two-wire connection - CIB

Code

18540

For more accessories please consult the Catalogue.

RegulusBOX RTC 3/1S

Indoor hydraulic unit for RTC 6i & 13e heat pumps

- Designed primarily for connecting inverter heat pumps.
- A hot water storage tank can be connected, 3-way valve inside.
- 2-12 kW electric boiler, pressure transducer, circulation pump.
- Smart controller permitting connection to the Internet, with a control display that can be moved to a living area where it can act as a room temperature & humidity sensor.
- With RTC heat pumps, cooling into floor, walls or ceiling is possible.
- Control of a second heating circuit is possible using an extension kit (code 19401).



Included in supply:



INSTALLATION EXAMPLE



**SIMPLE INSTALLATION
AND COMMISSIONING**



EASY WIRING



**INSTALLATION TIME
SUBSTANTIALLY
REDUCED**



**MINIMUM SPACE
REQUIREMENTS**

Pump station and IR 14 Controller

The pump station contains a Wilo pump with speed control and flow rate information, Magnet Filterball, thermometer, insulation, 15 m long communication cable. The smart controller IR 14 permitting connection to the Internet controls heat pumps (also in series), two heating circuits, DHW heating and recirculation, solar thermal system, utilization of a PV system and other heat sources.

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

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