

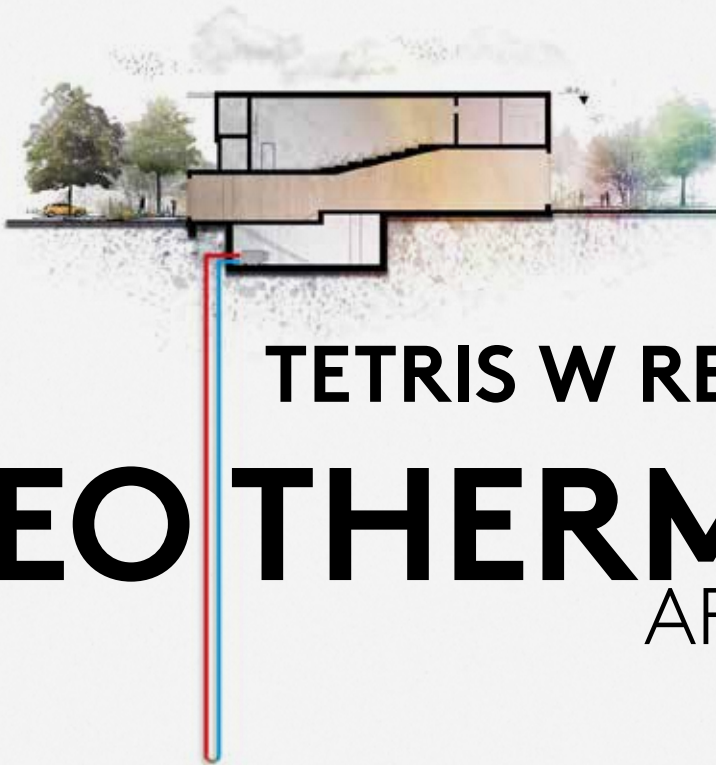
TETRIS W REV OH HWT



## TETRIS W REV OH HWT

High efficiency water source heat pump for geothermal applications  
**20÷80 kW**

**BlueBox**   
by Swegon



# TETRIS W REV OH HWT OPTIMIZED FOR GEO THERMAL APPLICATIONS

Bluethink advanced control with integrated web server

Blueye supervision system (option)

Multilogic function for multiple units' system (option)

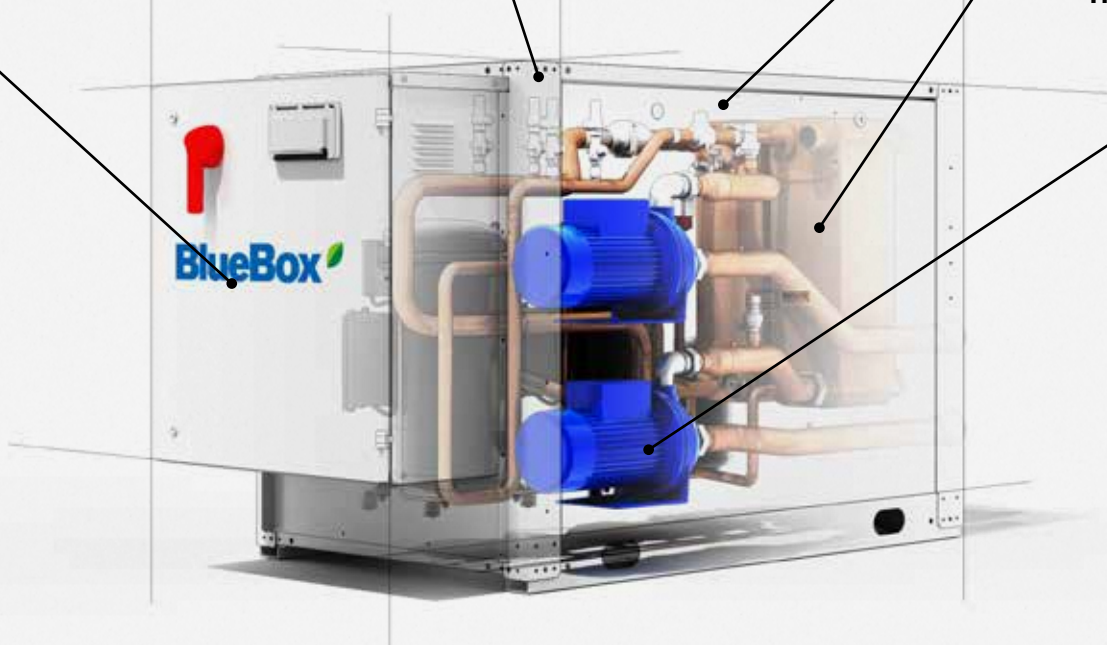
Hot water production up to 65°C

Domestic hot water management always available

Stackable units

Optimized sound level as standard

Integrated hydraulic module



## General

High temperature non reversible heat pump specifically designed for Geothermal applications. Optimized in terms of flexibility hydraulics and sound levels..

## Configurations

MOIB: integrated hydraulic module as option

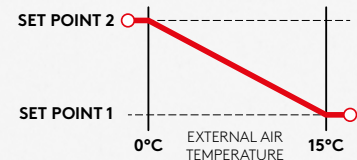
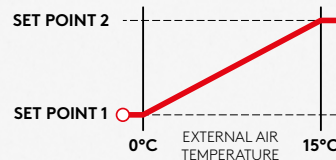


# FLOATING SET POINT



## SET POINT COMPENSATION DEPENDING ON EXTERNAL AIR TEMPERATURE

The set point of the unit is set so that it can vary between two values, a maximum and a minimum, depending on the external air temperature. The compensation ramp and the maximum and minimum values of the set point can be changed by the user.

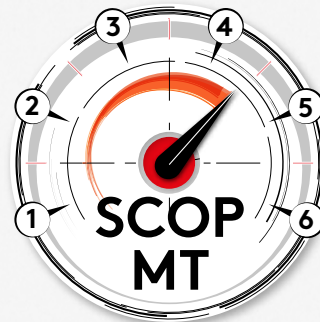


## EFFICIENCY

up to  
**5.47**



User-side heat exchanger water inlet/outlet temperature 30/35°C (SCOP LT), Average climate profile, with reference to regulation 2013 / 813 and norm EN14825.



up to  
**4.46**

User-side heat exchanger water inlet/outlet temperature 47/55°C (SCOP MT), Average climate profile, with reference to regulation 2013 / 813 and norm EN 14825.

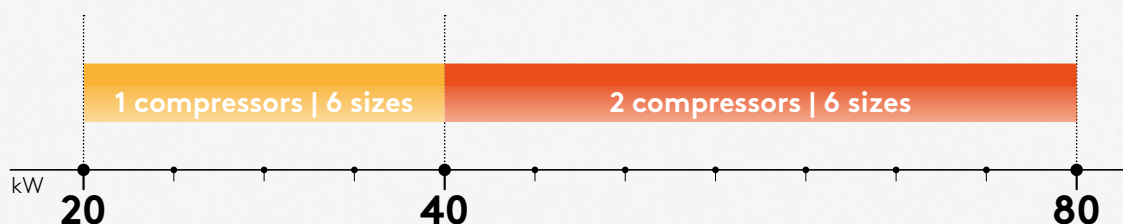
## DOMESTIC HOT WATER

The unit can also supply domestic hot water (option) by **3-way valve**

**Tetris W OH HWT** allows to cover the whole thermal load requirement of the system, ensuring the space heating/cooling and also the request of domestic hot water. Satisfying these needs by means of a single unit offers a simpler, cost-efficient solution.

**HOT WATER UP TO 65°C**

# CAPACITY RANGE



EN 14511 Heating: 60 / 65°C; water -3 / 0°C



## EASY INSTALLATION

Tetris W Rev OH HWT provides a lot of options and pumping configurations to suit every requirements.

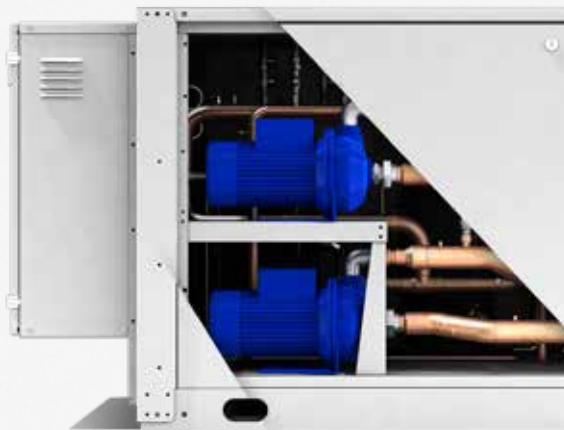
This means:

- Less design time
- Quicker and less cost for installation team
- Reduced refrigerant charge.
- Reduced unit footprint
- Less connections for easier installation

## BUILT-IN HYDRAULIC MODULE

TETRIS W Rev OH HWT can be fitted with different hydraulic modules:

- 1 or 2 pumps (source or user side)
- a check valve on the delivery side of each pump
- 1 or 2 pumps oversized (source or user side)



## STACKABLE UNITS

### MORE CAPACITY → SAME SPACE

Unit's design allows to stack one unit above the other to increase the capacity without affecting the needed footprint.

Up to  
**130** kW/m<sup>2</sup>



# BLUE ●●●● ●●●● THINK

Monitoring, performance reports, full management.  
Blue Box control platform allows a total access to the machine from any device, in complete autonomy.

**Integrated web server**

- **SET POINT**  
operating set point
- **MODE**  
unit mode (heating, cooling)
- **UNIT**  
visual status of unit (circuits, compressors..)
- **GRAPHS**  
real time diagrams of main variables (temperatures, pressure..)
- **INPUT/OUTPUT**  
status of inputs / outputs (digital and analogic)
- **MULTILOGIC**  
management of multiple units
- **LOGS**  
download and analyze unit data history

**BLUEEYE**

**BLUEEYE CONNECT**  
REMOTE ACCESS TO UNIT  
SAVE MONEY  
FAST SERVICE

**BLUEEYE CLOUD**  
CLOUD RECORDING DATAPOINTS  
PREDICTIVE MAINTENANCE  
CUSTOMER REPORTING  
ANALYSIS

## SYSTEM SCALABILITY

**SIMULTANEOUS MANAGEMENT OF UP TO 6 UNITS (500 KW)**

- DHWT** PRODUCTION
- PLANT** MANAGEMENT

Feel good **inside**



**Swegon** 