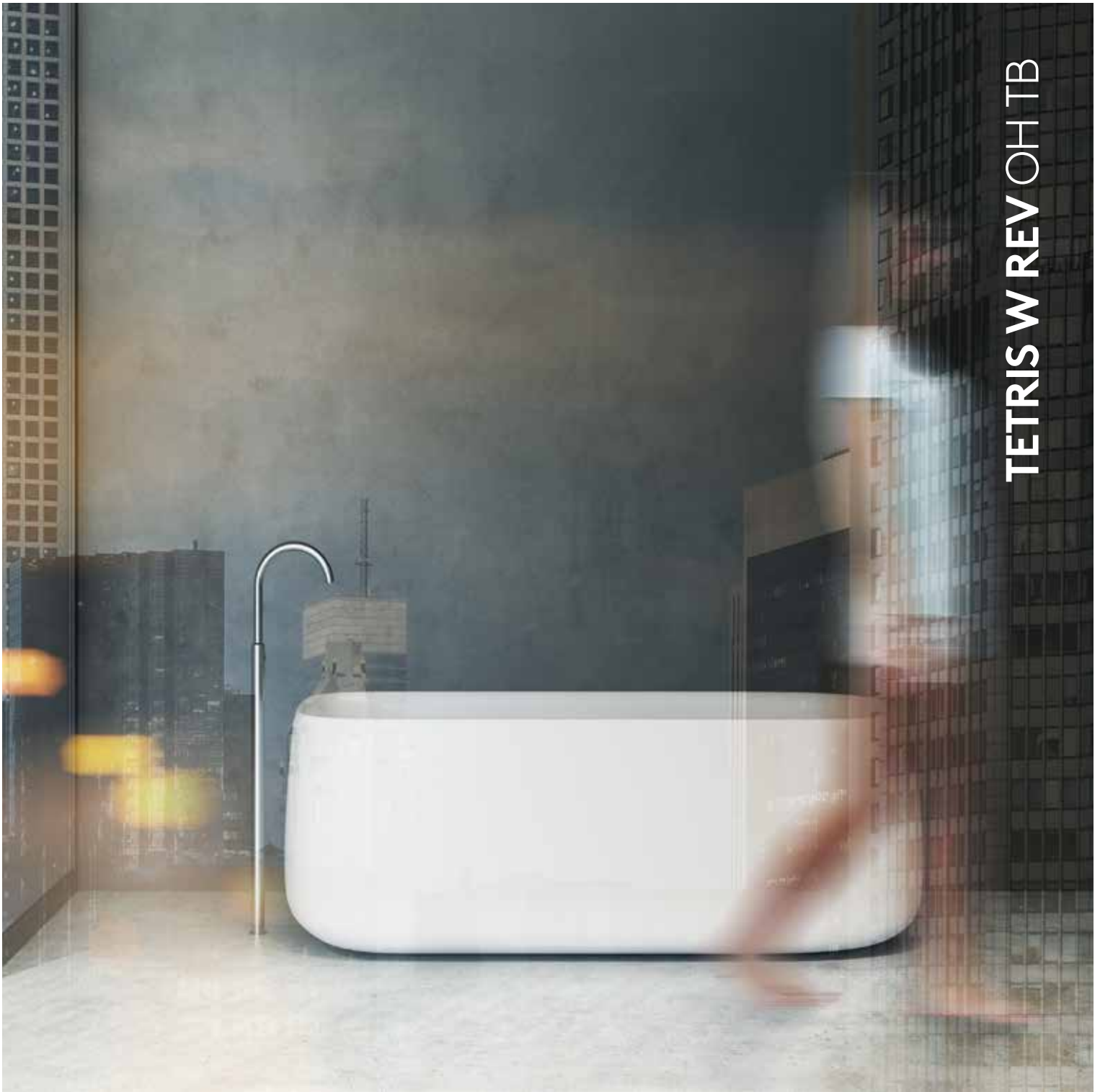


TETRIS W REV OH TB



TETRIS W REV OH TB

High temperature water/water
Heat Pump
70÷530 kW

WESTERNTM
AIRCONDITIONING
WARMTEPOMPEN

BlueBoxTM
by Swegon

TETRIS W REV TEMPERATURE BOOSTER OPTIMIZED FOR HIGH WATER TEMPERATURES PRODUCTION

Bluethink advanced control
with integrated web server

Blueeye supervision
system (option)

Multilogic function for
multiple units' system (option)

Compatible with
Flowzer option

Leaving water temperature
up to 80°C

TEMPERATURE BOOSTER

Wide range,
high redundancy,
high reliability

Wide operating limits

General

Non reversible water/water heat pump specifically designed to reach high water temperature levels.

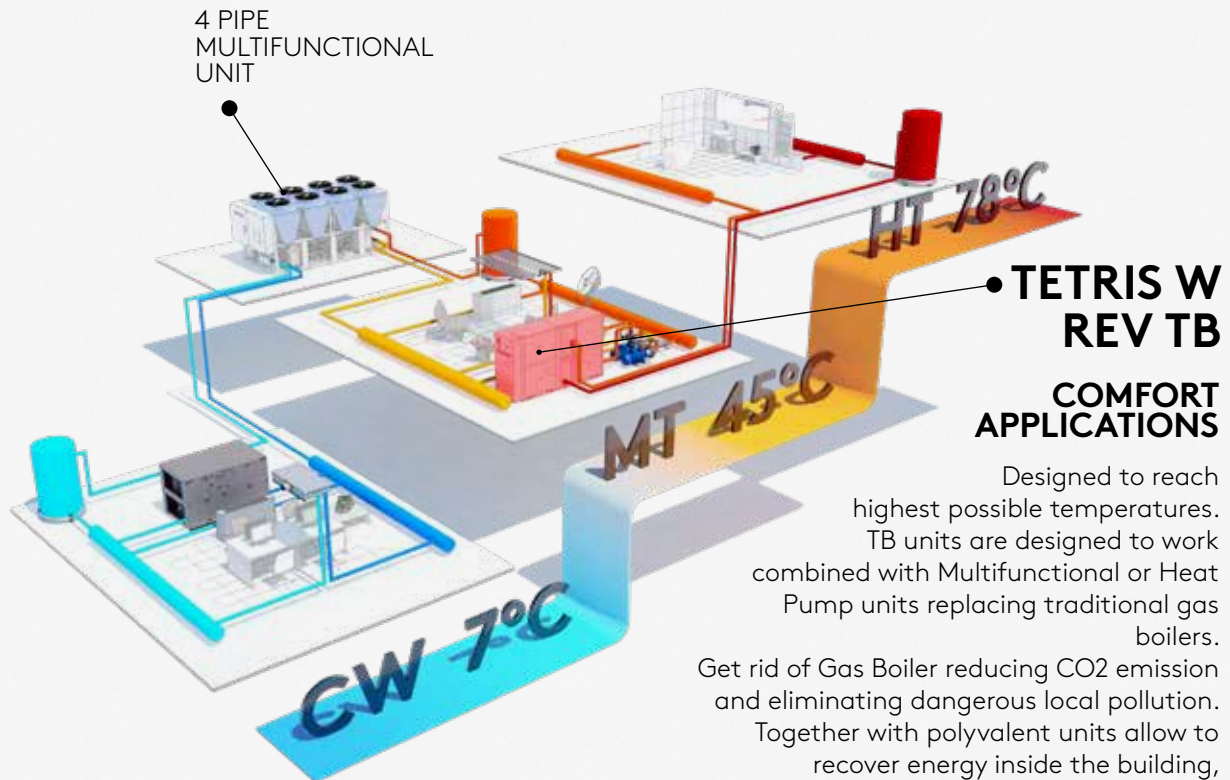
Configurations

OH: standard non reversible heat pump

LN: low noise version

MOIB: integrated hydraulic module as option

APPLICATIONS

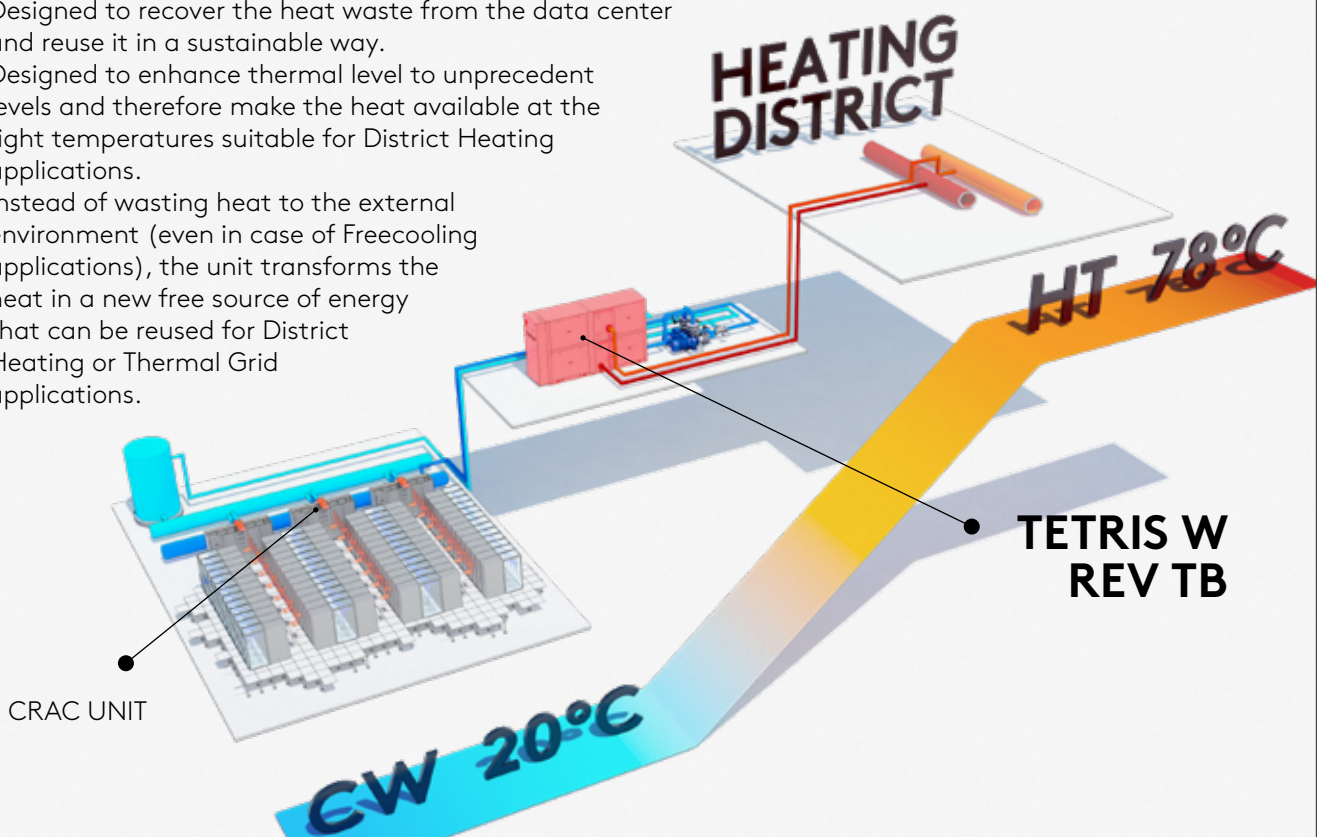


IT COOLING APPLICATIONS

Designed to recover the heat waste from the data center and reuse it in a sustainable way.

Designed to enhance thermal level to unprecedented levels and therefore make the heat available at the right temperatures suitable for District Heating applications.

Instead of wasting heat to the external environment (even in case of Freecooling applications), the unit transforms the heat in a new free source of energy that can be reused for District Heating or Thermal Grid applications.

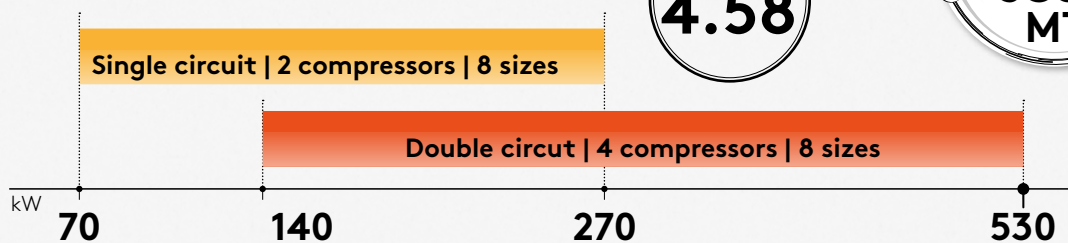


DOMESTIC HOT WATER

The unit can supply DHW with high efficiency given the installation of specific compressors and heat exchangers.

HOT WATER UP TO 80°C

CAPACITY RANGE EFFICIENCY*



User 70/78°C source 45/40°C - EN14511

*User-side heat exchanger water inlet/outlet temperature 47/55°C (SCOP MT), Average climate profile, with reference to regulation 2013 / 813 and norm EN14825.

EASY INSTALLATION

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

This means:

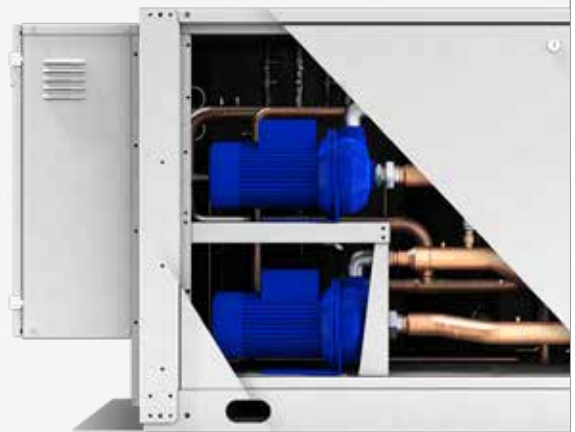
- **Less design time**
- **Quicker and less cost for installation team**
- **Reduced unit footprint**
- **Less connections for easier installation**



BUILT-IN HYDRAULIC MODULE

TETRIS W Rev OH TB 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)




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



BLUEYE CONNECT

REMOTE ACCESS TO UNIT

SAVE MONEY
FAST SERVICE


BLUEYE CLOUD

CLOUD RECORDING DATAPOINTS

PREDICTIVE MAINTENANCE
CUSTOMER REPORTING
ANALYSIS




FLOWZER



INVERTER-DRIVEN PUMPS CONTROL
MANAGEMENT FOR DIFFERENT SYSTEM
LAYOUTS

- CONSTANT FLOW**
 - Simpler site's settings to achieve a real constant flow
- CONSTANT HEAD PRESSURE**
 - The right pressure to the users in any condition
- VARIABLE FLOW**
 - Full control of one unique hydraulic loop
 - Primary/Secondary Loop, the right solution for any layout



UP TO
-53%
compared to
nowadays common layout:
primary fixed + secondary variable



HYZER

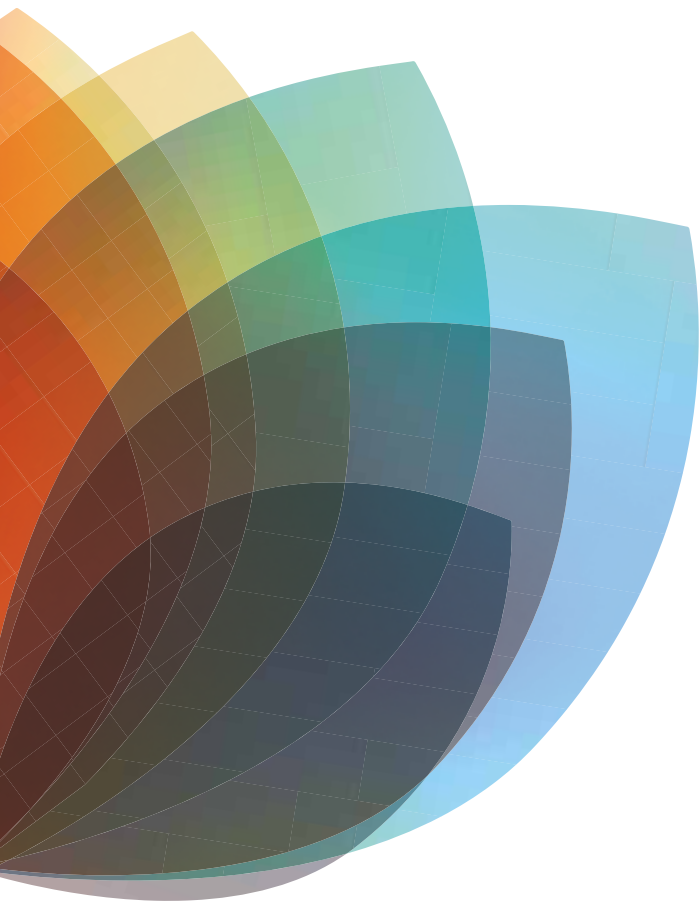
HYDRONIC OPTIMIZER

BLUETHINK solution to manage several units, components and devices and build an optimized System.

- Advanced algorithms** to maximize system total efficiency
- Less Opex** thanks to lower energy consumption
- Flexible management** of multi units, variable water flow and external devices (drycoolers, cooling towers, boilers,..)
- Real time** energy consumption to obtain advanced structured data analysis
- Modular design** to perfectly suit any project requirements in terms of application, size and complexity



Feel good **inside**



WESTERNTM
AIRCONDITIONING
WARMTEPOMPEN