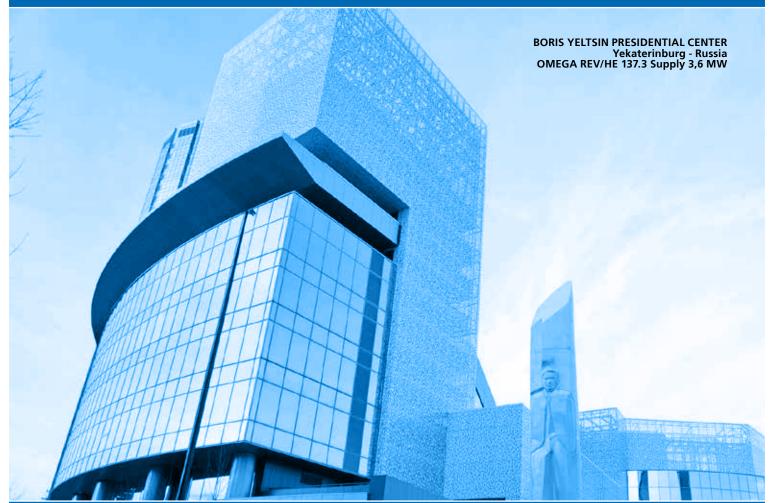


BlueBox Omega Sky



High efficiency water cooled chillers and heat pumps. **436**÷**1564** kW









General

High efficiency water-source chillers. Screw compressors. Shell & tube heat exchangers.

Configurations

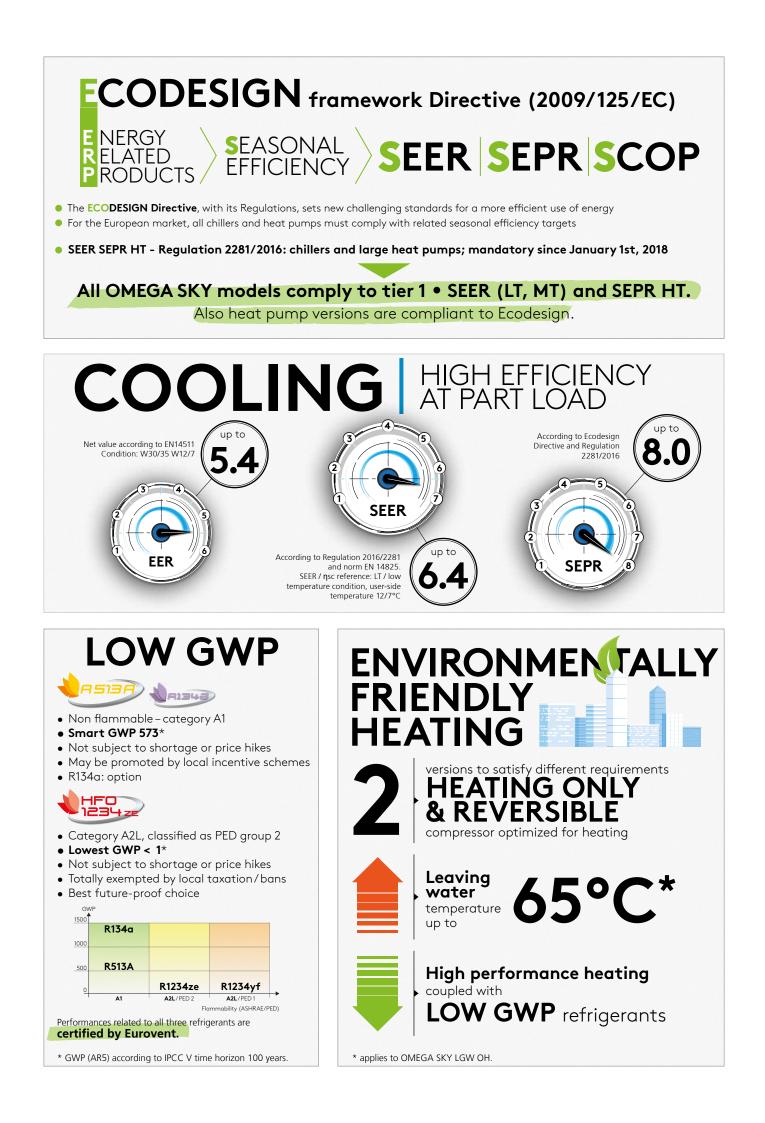
LN: low noise XLN: super low noise OH: heating-only heat pump HPW: reversible heat pump (water side) DC: total heat recovery LC: condenser-less execution for split system

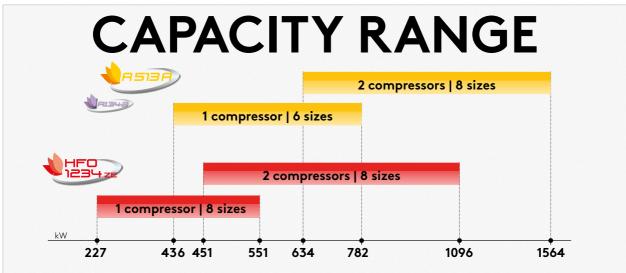
Bluethink advanced control

Web server Blueye supervision Multilogic function

Environmentally friendly refrigerants: R513A default & LGW R1234ze Highest performances on the market segment

High-efficiency dry evaporator low charge, low pressure drop Plug & Play unit for easy indoor installation





Cooling capacity: net value according to EN14511. Condition: source W30/35, user W12/7



- Depth 900 mm for sizes up to 800 kW (single compressor)
- Simple piping
- All connections on one side, with optional water manifold for condensers (sizes .2) or fittings
- Flanged connections (option)
- Ability to manage external pumps (1 or 2; on user-, source-side or also recovery)
- Control of condensation via different options, according to source-side layout, also suitable for external inverter-driven pumps



FREE COOLING

• Fully integrated management of all components by Bluethink

Boost on yearly energy savings

Water-cooled indoor chillers = unique solution by Blue Box

- Ideal for systems with year-round cooling load, e.g. industrial applications, data centers
- Indoor installation allows to comply with architectural constraints.
- Selection of dry cooler easily matches noise requirements.





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Integrated web server









BLUE



operating set point



Graphs real time diagrams of main variables (temperatures, pressure..)



Input/Output status of inputs / outputs (digital and analogic)



Tools visual status of unit (circuits, compressors..)





Logs download and service advanced log in analyze unit data history

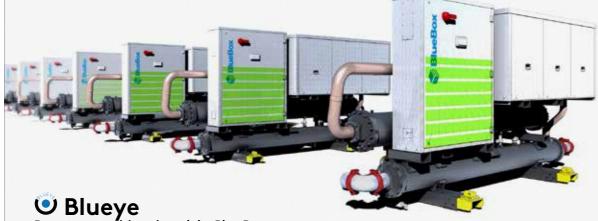




Sign Out

Multilogic function Management of multiple units of a system / hydraulic loop.

- > Specific operational logics to satisfy different installation requirements
- > Maximized energy efficiency
- > Fully embedded in the control resources and factory-preset
- > Fast commissioning. Simple LAN connection between units. No external devices required.



Remote supervision via web by Blue Box.

It offers, for one or more units / systems:

- > operation status monitoring
- > access to unit's settings and parameters
- > data recording via cloud, with options about data displaying, graphs, etc.
- > differentiated access profiles and privileges to ensure a safe and efficient interaction
- \geq also the status of system's additional components can be monitored, e.g. pumps, energy meters, valves



Connectivity Default available

> Modbus over TCP/IP, Modbus RTU (RS-485) Options > LonWorks Gateway > BACnet > SNMP Gateway > Hot Spot Wi-Fi

Blue Box applied product range

find out the complete product range on our web site and catalogues



















Zeta Rev > 40:240 kW

Chillers and reversible units. Extensive range, versatile applications.



Zeta Rev HP XT > 40÷200 kW

Reversible heat pumps. Extreme heating envelope. Smart configuration options.



Tetris 2 > 84÷913 kW

Modular chillers and reversible units for large commercial systems. Wide range; multiple combinations of high-efficiency, low-noise versions.



Tetris W Rev > 32÷615 kW

Water-source chillers, with heating and reversible versions. Extensive range, versatile applications.





High efficiency water source chillers and heat pumps. Inverter-driven screw compressor.





Modular air source chillers and reversible units.





Modular air source chillers for large systems. Inverter-driven screw compressors.





Modular multifunctional units for large 4-pipe systems. Smart configuration options.



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