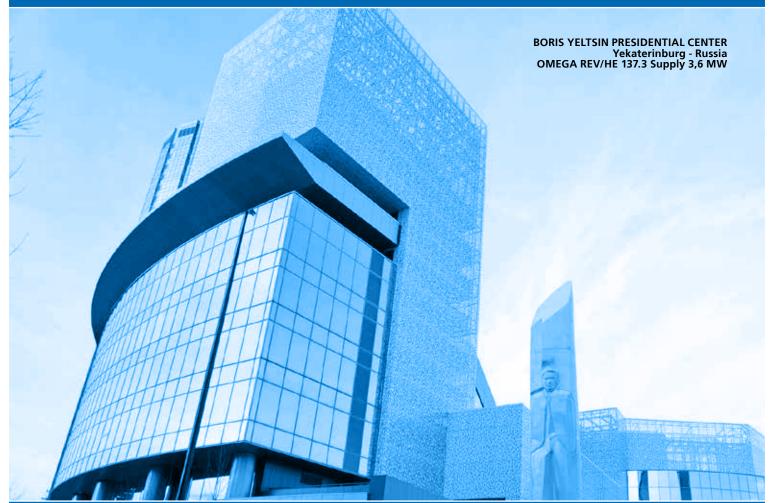


## BlueBox Omega Sky



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









#### General

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

### Configurations

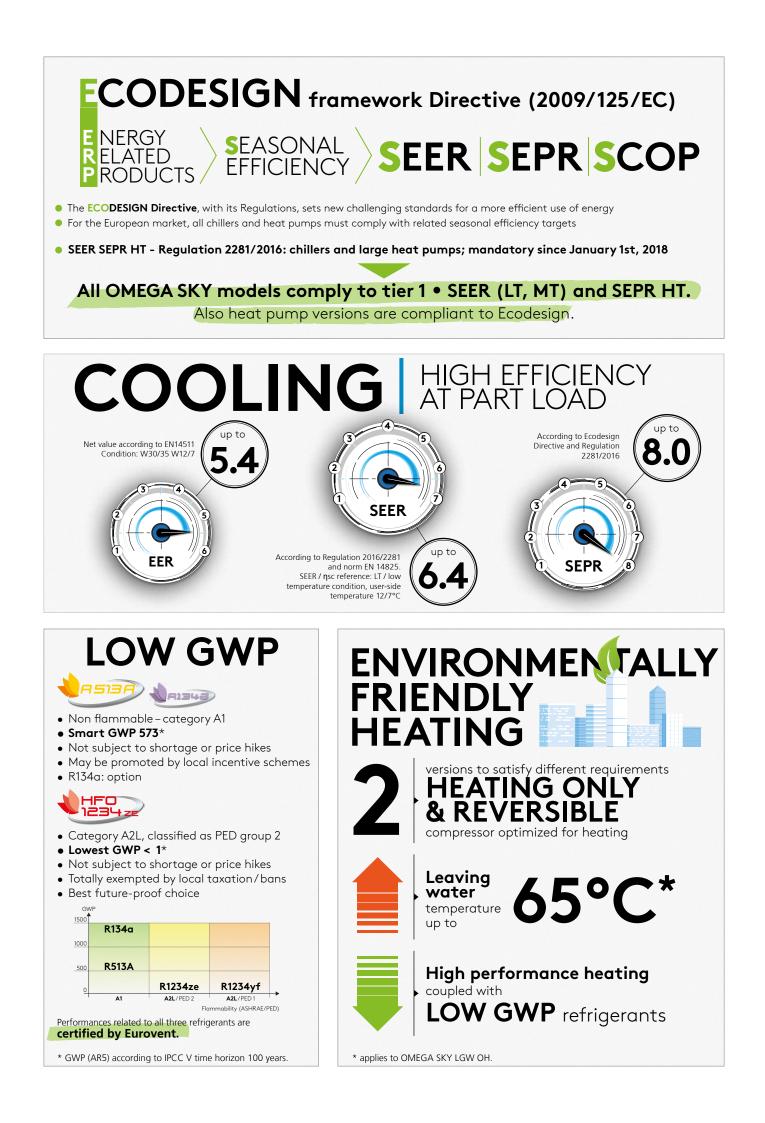
LN: low noise XLN: super low noise OH: heating-only heat pump HPW: reversible heat pump (water side) DC: total heat recovery LC: condenser-less execution for split system

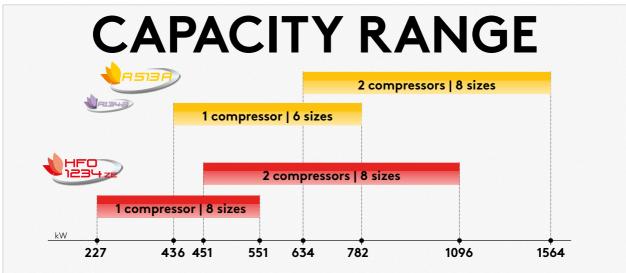
### Bluethink advanced control

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

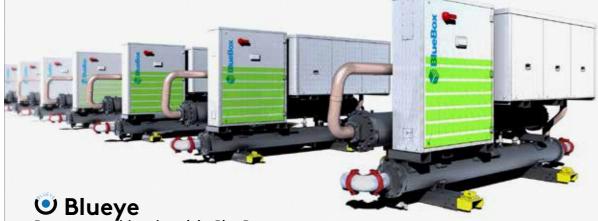




Sign Out

### 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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