

# Zeta Rev





High efficiency air source chillers and heat pumps cooling **40**÷**240** kW





# CITIZEN OF THE WORLD



#### NIGHTSHIFT FUNCTION EER UP TO 3.26 (-3 dB(A)



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#### General

Chillers and reversible units. Extended range, versatile applications. Also with inverter-driven brushless compressors.

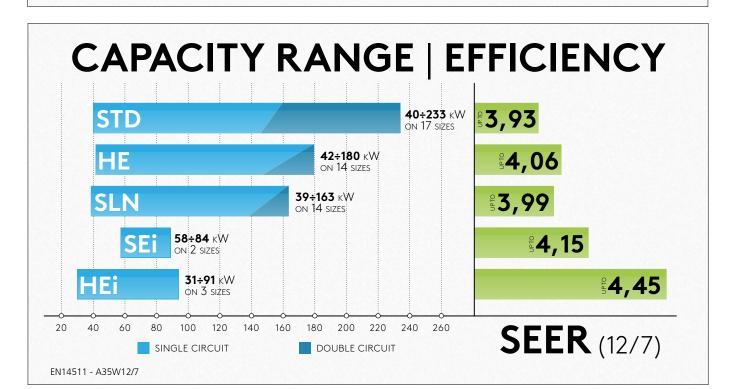
UP TO

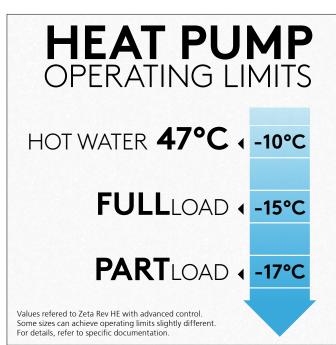
#### Configurations

HE: high efficiency SLN: Super Low Noise SEi-HEi: inverter-driven compressor /HP: reversible heat pump LE: with remote user-side heat exchanger /LN: low noise DC:with desuperheater DS: with total recovery









## HYDRAULIC MODULE

A wide range of options allow to configure the chiller to suit various application. Differentiated levels of pump's useful head are available, with or without buffer tank.

STANDARD Av. 1,5 bars

OVERSIZED Av. 2,7 bars

INDUSTRIAL Up to





Units with 1, 2 or 3 compressors, of which one brushless inverter DC type:

- higher energy efficiency at part load
- higher cooling capacity at peak load
- more accurate temperature control

## energy saving up to 12% per year

(compared with standard scroll compressor)

Yearly saving based on Ecodesign's SEER profile, comfort application.

## SMART ANTI-ICE CIRCUIT

The defrost cycle can be a critical condition: ZETA REV features the **Smart Anti-Ice Circuit**, to avoid ice forming on the bottom part of exchanger: the function is efficiently activated according to air temperature - only when necessary.





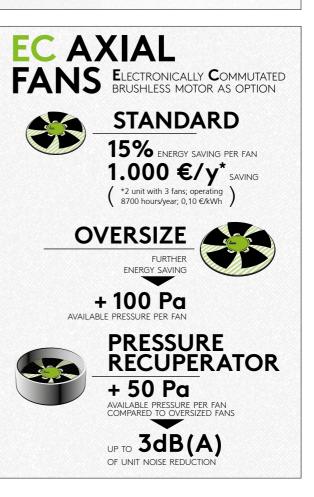
The unit (HE or SLN) can operate in high efficiency mode or super low noise mode according to day time setting.

Zeta Rev HE  $\rightarrow \in$  Zeta Rev SLN **up to 3 dB(A)** of sound power reduction

## MICROCHANNEL ALUMINIUM COIL

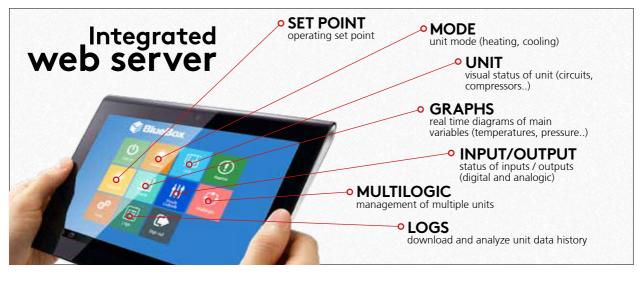
Zeta Rev chillers use this new generation of condensing coil as standard.

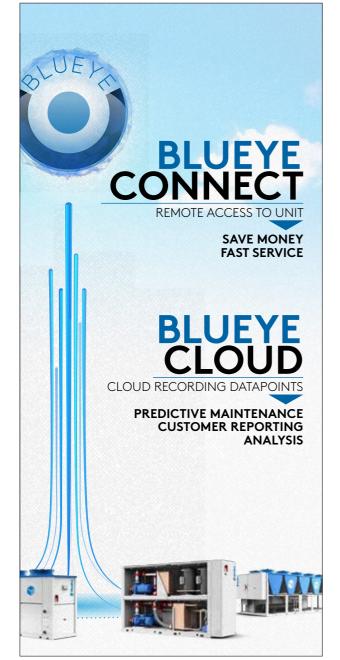
30% LESS REFRIGERANT 10% OVERALL CHILLER WEIGHT REDUCTION LESS AIR SIDE PRESSURE DROP





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





OWZE **INVERTER-DRIVEN PUMPS CONTROL** MANAGEMENT FOR DIFFERENT SYSTEM LAYOUTS PLUG & PLAY VARIABLE FLOW MANAGEMENT REDUCES YOUR OPEX SAVING UP TO 55% OF PUMPING ENERGY Dedicated controller and algorithm to manage inverter pumps on Primary + Secondary systems. FULLY VARIABLE FLOW MANAGEMENT REDUCES OPEX & CAPEX Dedicated controller and algorithm to manage inverter pumps on system with Primary Circuit only. UP TO PUMPING CONSUMPTION\* compared to nowadays common layout: primary fixed + secondary variable

VPS / VFPP available only for SEi - HEi versions.

\*Yearly saving based on Ecodesign's SEER and SCOP profiles (Average climate), comfort application.

# **Blue Box** applied product range

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













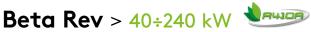




#### Zeta Rev HP XT > 40÷200 kW 8410A)

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





Chillers and reversible units for indoor installation. Extensive range, also with self-adaptive highefficiency fans.







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



### Kappa Rev > 296÷1983 kW

Modular chillers and reversible units for large commercial systems. Wide range and versions available





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





Water-source chillers with heat pump reversible versions for indoor installations.







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



