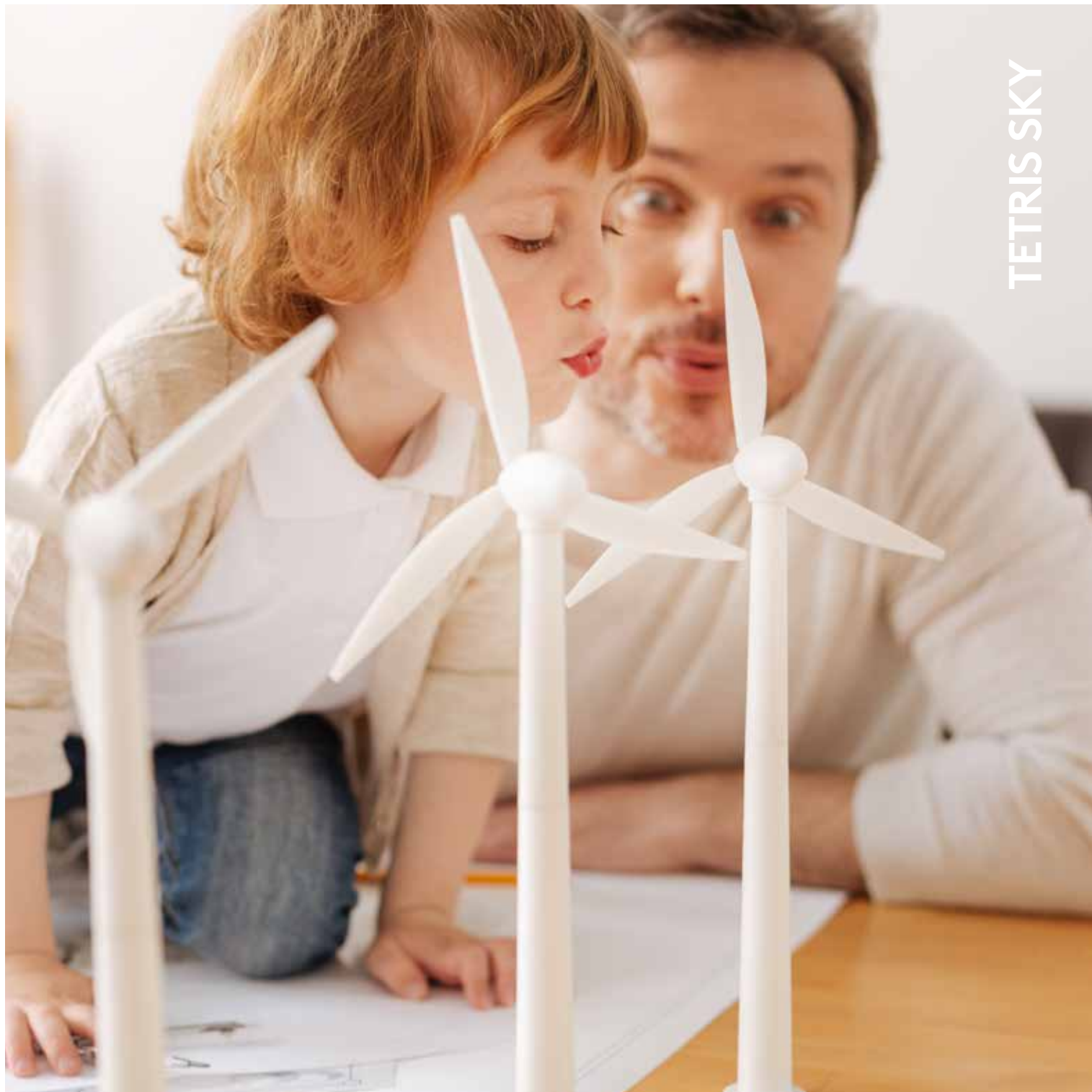


TETRIS SKY



TETRIS SKY

High efficiency air source
chiller and heat pump

180÷715 kW

BlueBox 
by Swegon

TETRIS SKY

TWO HALVES OF THE SAME SOUL

HEATING

- Higher performance than most efficient legacy unit in the industry with reduced footprint
- SCOP up to 4.28, SEER up to 5,60
- Leaving water temperature up to 58°C

HIGH EFFICIENCY
+
R32 REFRIGERANT



**HIGH SUSTAINABILITY
WITH REDUCED TEWI**

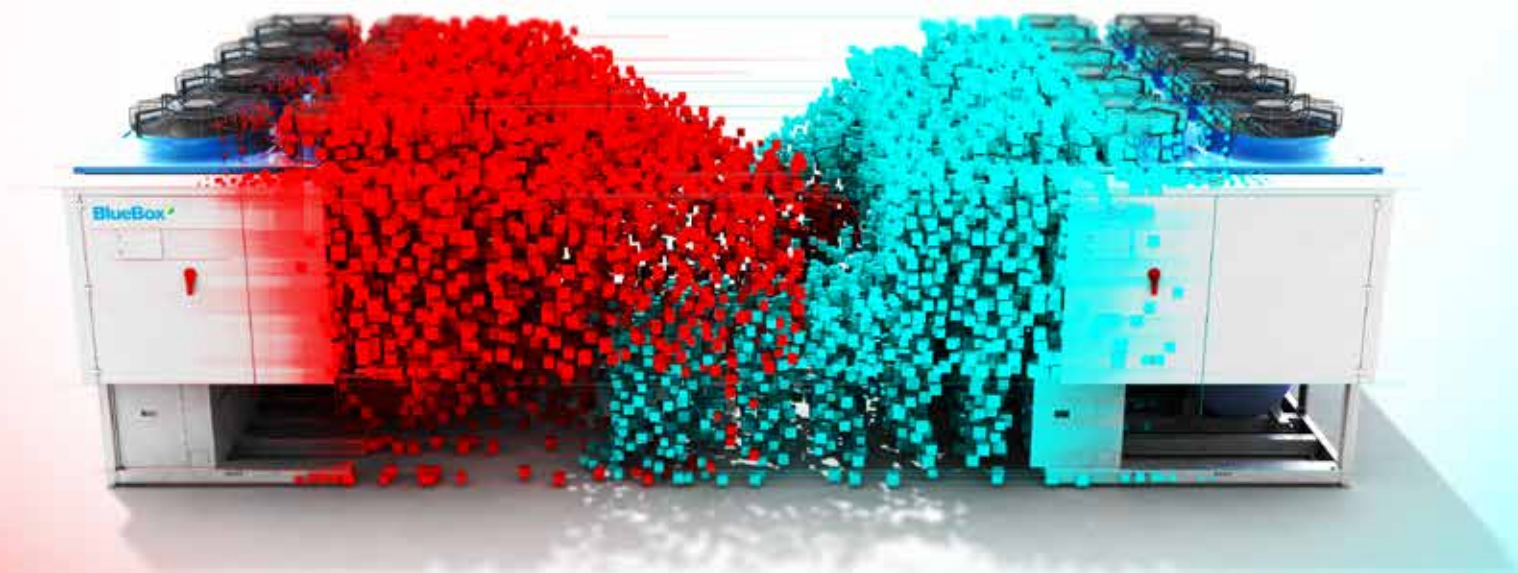
COOLING

- +8% seasonal efficiency compared to previous generation of scroll compressors chiller
- Very compact Frame, av. 50 kW/m²
- Extended working limits (down to -20, up to 52°C OAT)

GREAT PERFORMANCES
+
REDUCED FOOTPRINT



**IDEAL FOR THE
RENOVATION WAVE**



Ecodesign compliant

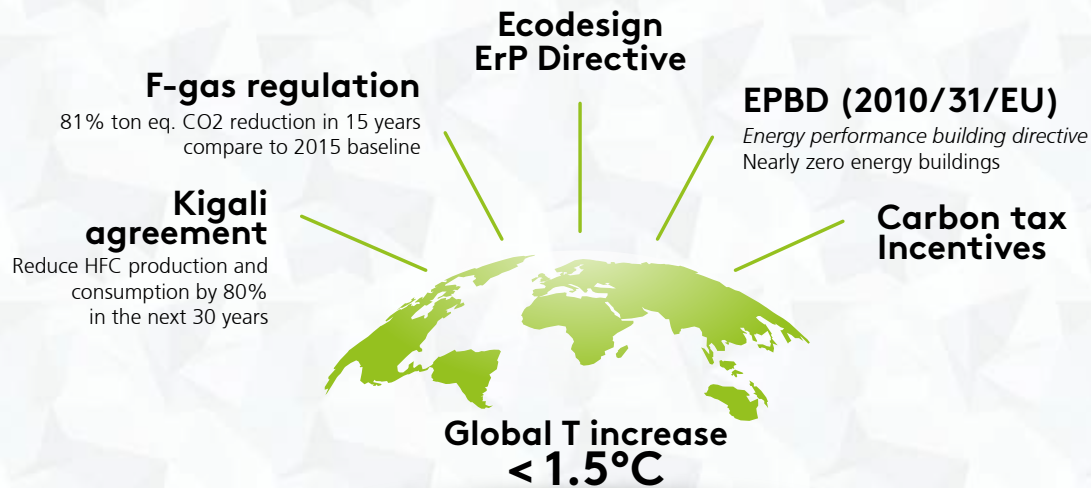


Low GWP below 700



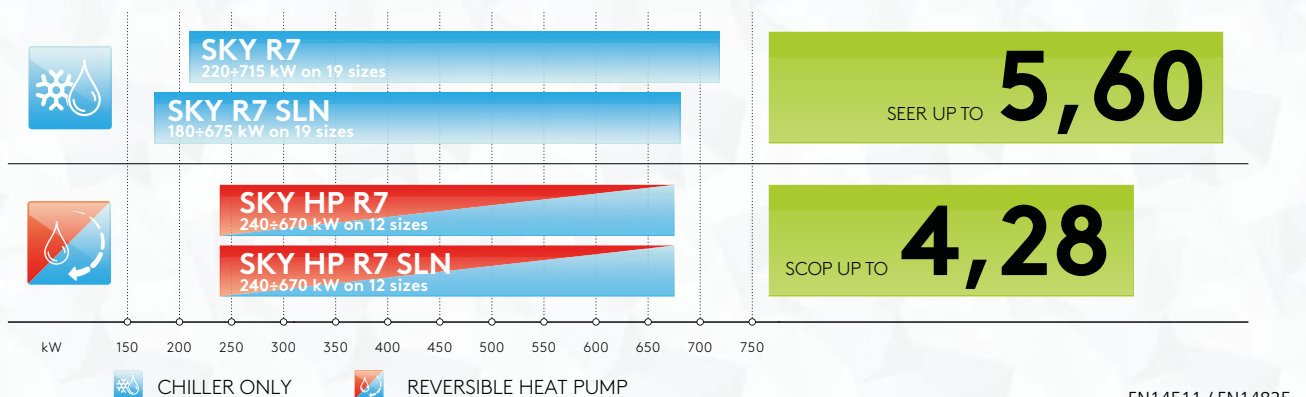
Advanced control

CLIMATE CHANGE FIGHT



All Blue Box SKY unit generation are designed to fight the climate change

CAPACITY | EFFICIENCY



OPERATING LIMITS

HEATING

extended working envelope with R32 refrigerant

Outside air T° ▼

-15°C ◀ ▶ 35°C

Leaving water T° ▼

up to **58°C**

40°C at **-15°C** outside air T°

COOLING

ideal for any applications, both comfort and process

Outside air T° ▼

-20°C ◀ ▶ 52°C

Leaving water T° ▼

-8°C ◀ ▶ 20°C

COMMON FEATURES

NEW GENERATION OF HIGH EFFICIENCY FANS, NEW R32 COMPRESSORS, NEW FRAME DESIGN
TO LEAD HVAC INDUSTRY IN A NEW LOW CARBON FOOTPRINT ERA

New Fans

New fans for enhanced performances with low energy consumption and reduced noise emissions

Unbeatable efficiency at full and part load

▼ **-20% of absorbed power** by new technology fans

+8% efficiency thanks to **EC Fans** (option)

New Frame

Brand new Frame
and Coil Design
to achieve
highest performances
with
small footprint

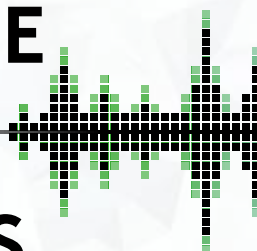


Compressors

New generation compressors optimized for R32 refrigerant, +4% full load efficiency
Optimized also at partial load and seasonal efficiency index

+8% of seasonal efficiency
with new technology compressors optimized for R32

MULTIPLE LOW NOISE OPTIONS



/LN up to -4 dB(A)
sound power level

/SLN up to -7 dB(A)
sound power level

HYDRAULIC MODULE

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

DOWNSIZED

► av. **1 bars**

STANDARD

► av. **1,5 bars**

LOW TEMPERATURE

► av. **1,5 bars / 40% MEG.**

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

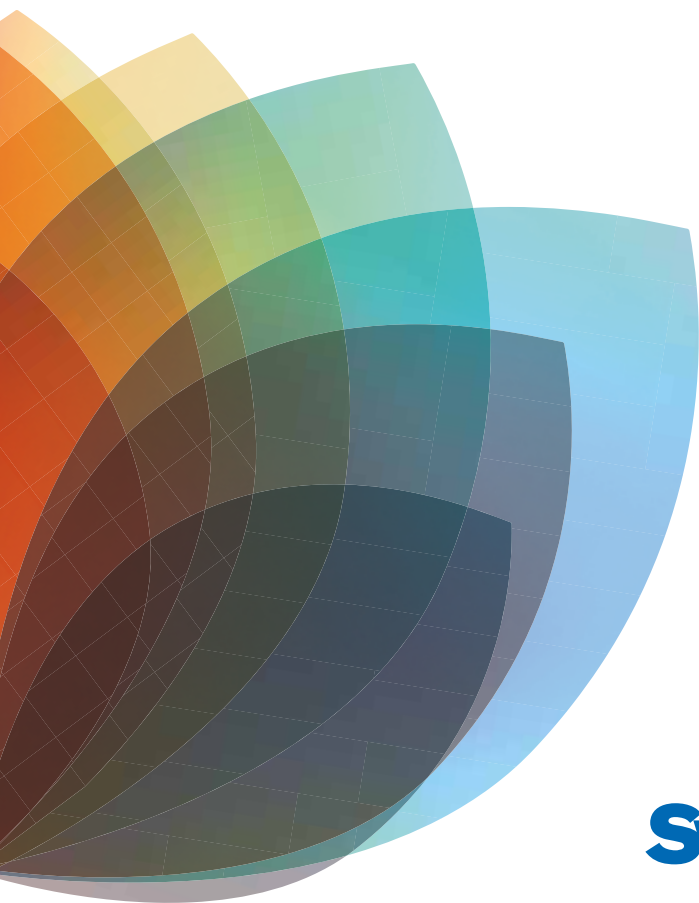
HYZER

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**



Swegon 

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