



EPSILON Sky R7



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High efficiency reversible heat pumps,
chillers and condensing units

6÷45 kW

BlueBox 
by Swegon

EPSILON Sky

5 VERSIONS FOR EVERY APPLICATIONS



**INDOOR
ENVIRONMENTAL
QUALITY**
coupled with AHU
SWEGON GOLD

▼
**Reversible
heat pump/
condensing unit
with inverter
compressor**



**RESIDENTIAL
HEATING,
COOLING AND
DHW
PRODUCTION**

▼
**Reversible
heat pump
with inverter /
fixed speed
compressor**



**LIGHT
COMMERCIAL
HEATING
AND
COOLING**

▼
**Reversible
heat pump
with inverter /
fixed speed
compressor**



IT COOLING
coupled with
COOLBLADE BTd Sky
and
DATATECH BTd Sky

▼
**Condensing
unit
with
inverter
compressor**

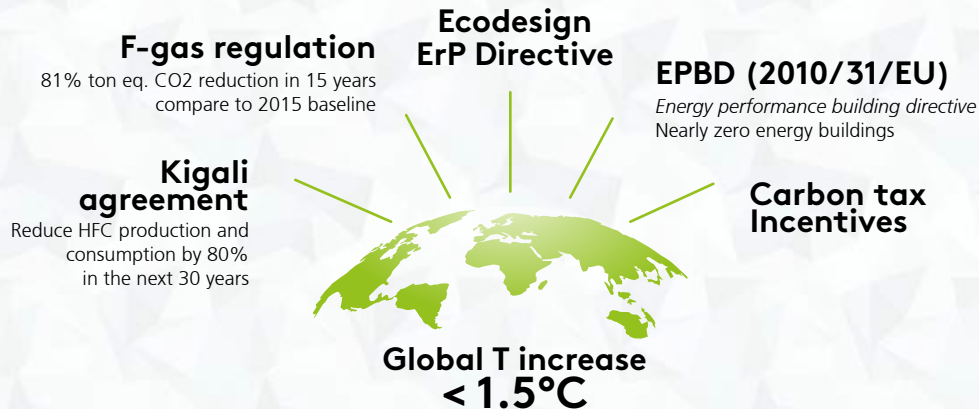


**PROCESS
AND
TECHNOLOGICAL
APPLICATIONS
COOLING**

▼
**Chiller
with
inverter
compressor**

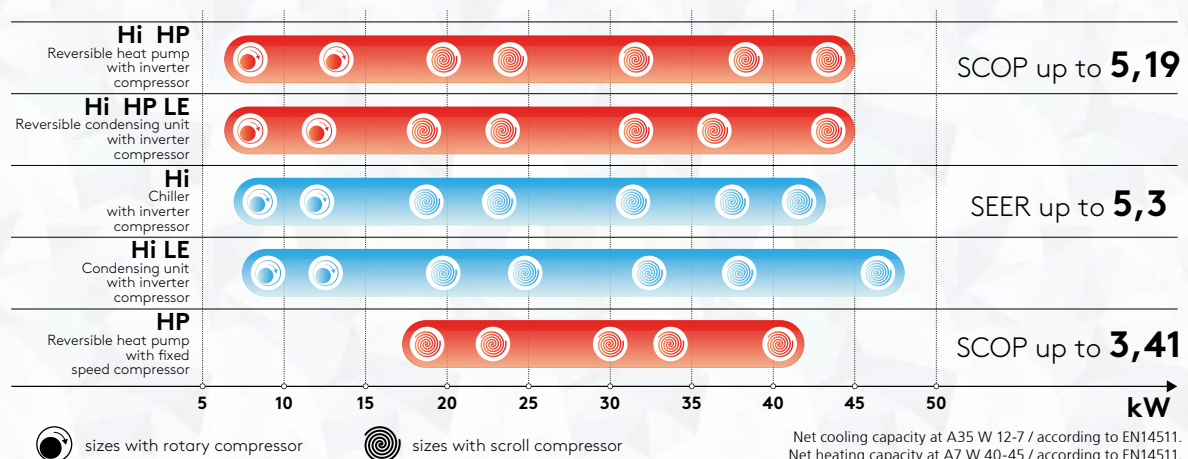


CLIMATE CHANGE FIGHT



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

CAPACITY/EFFICIENCY



OPERATING LIMITS

▼ Leaving water temperature up to

60°C

at -2°C outside air temperature

space heating and
domestic hot water
production



comfort
cooling
and process
applications

Chilled water production ▼

-10÷20°C



DETAILS making the DESIGN

HEAT PUMP OPTIMIZATION

All heat pump versions are equipped with coils with hydrophilic coating and use a special control logic for electronic expansion valve to reduce and shorten defrosting cycles.

EFFICIENCY

FULL INVERTER VERSION AVAILABLE

- Compressors driven by inverter (Hi version)
- EC Fans (Optional)
- Inverter driven pump (Optional)

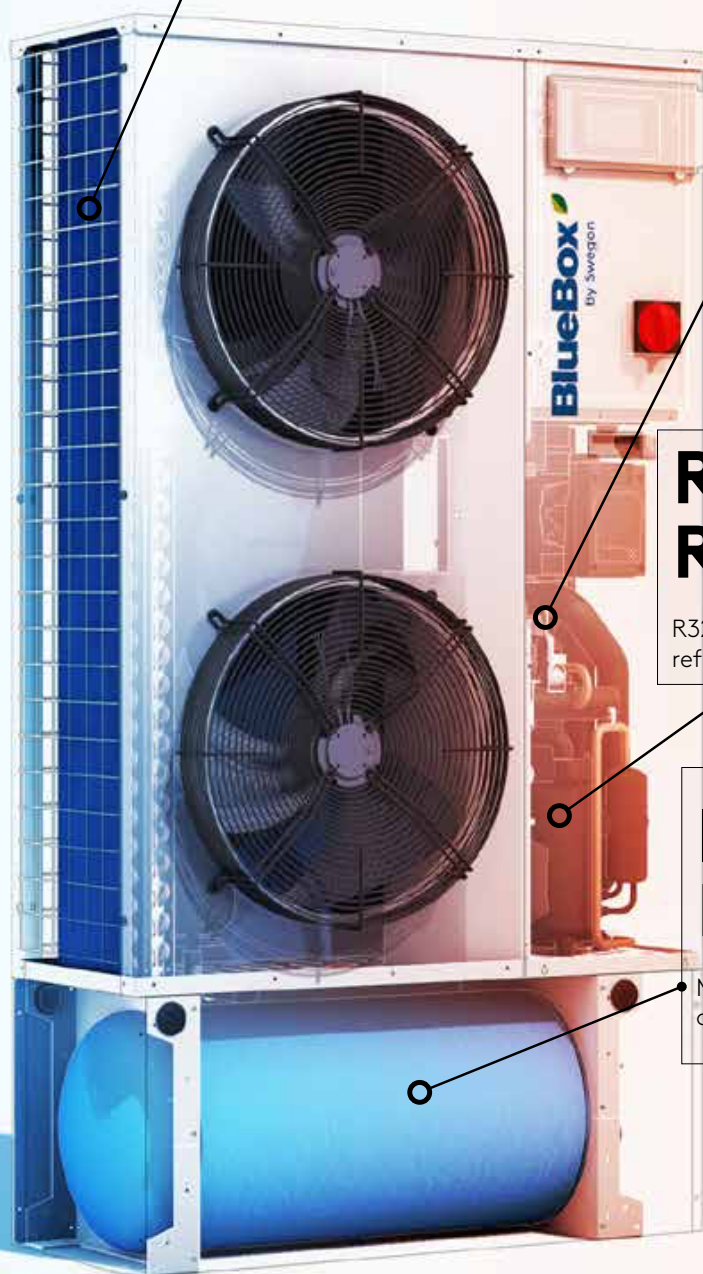
In addition to the advantage of higher efficiency, the use of inverter allows the unit to adapt its capacity to the heating/cooling load maximizing energy savings.

R32 REFRIGERANT

R32 charge is reduced at minimum thanks to refrigerant circuit design optimization.

INSTALLATION FLEXIBILITY

Multiple hydraulic kits (with standard or oversized pump and with or without tank)



BLUE ● ● ● ● ● ● ● ● THINK

Monitoring, performance reports, full management.

Blue Box control platform allows a total access to the machine from any device, in complete autonomy.

Touch interface for unit **configuration and monitoring**



• **MULTILOGIC**

Ready for cascade system, no need of external hardware

• **SMART GRID**

Ready to be connected to smart grid system



• **web server**



Easy access, management, data recording from web portal



• **FLOWZER**

Inverter-driven pumps control management for different system layouts

SYSTEM INTEGRATION

SMART Link+ FOR WATER COILS

Modulation of water temperature according to real time load to reduce energy consumption up to 15%

SMART Link DX FOR REFRIGERANT COILS

Optimization of system working mode to keep safe and efficient conditions while guaranteeing good indoor climate

GOLD air handling unit



EPSILON Sky heat pump/condensing unit



Feel good **inside**



Swegon 

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