

TAU SKY Hi HP



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Reversible air source inverter heat pump for residential applications
6÷19 kW

BlueBox 
by Swegon

TAU SKY Hi HP

LET'S COOL THE PLANET

High efficiency
heat pump
for residential
applications

Environmentally
friendly
refrigerants:
R32 (GWP 675)

Very
low-noise
as standard

Full Inverter

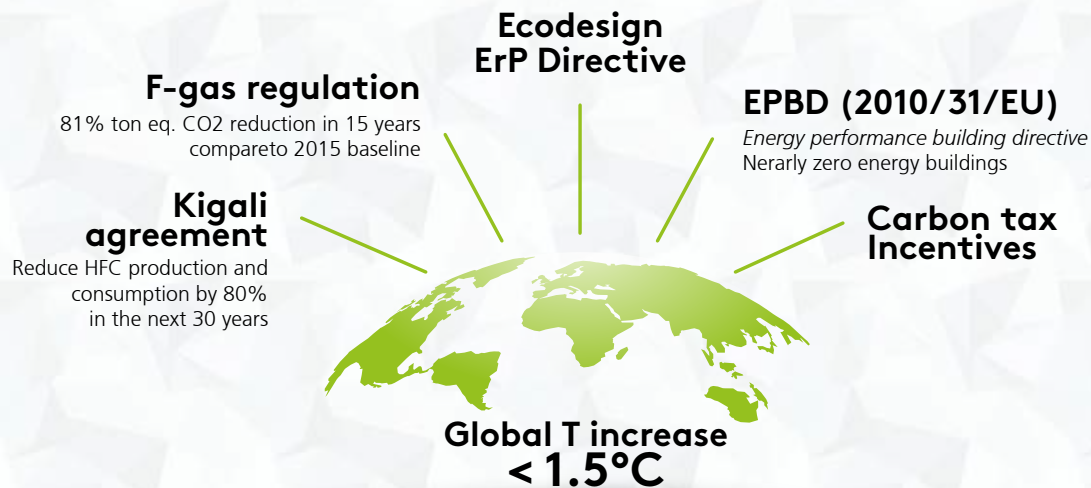
Advanced control
with integrated
Wi-fi connectivity.
Management of two
temperature levels
(opt)



General

Reversible air water inverter heat pump, with highest efficiency components and designed for the lowest sound level.

CLIMATE CHANGE FIGHT



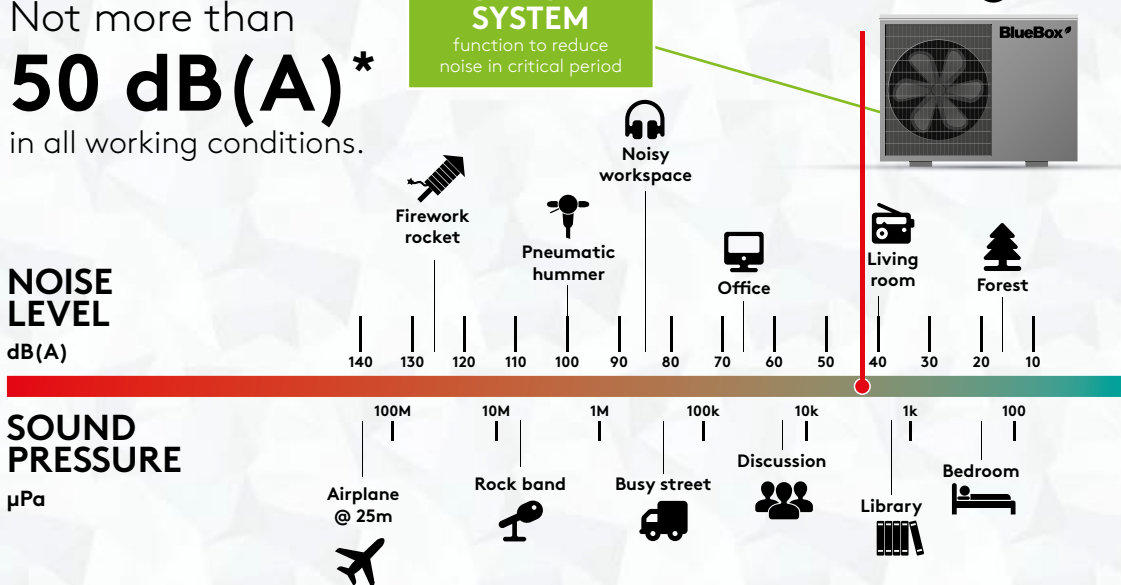
All Blue Box SKY unit generation are designed to fight the climate change

LOW NOISE

Not more than
50 dB(A)*
in all working conditions.

NIGHT SHIFT SYSTEM
function to reduce noise in critical period

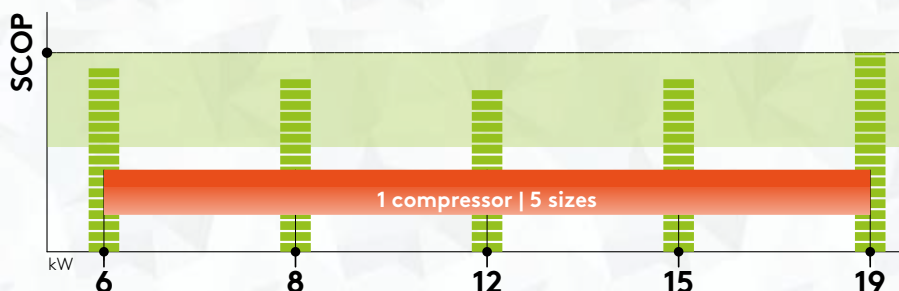
TAU SKY Hi HP @ 1m



CAPACITY RANGE EFFICIENCY

Up to **5.0**

A+++
CLASS



EN 14511
Heating 30 / 35°C; External Air 7°C
A+++ class limit: 4.45

INVERTER MEANS EFFICIENCY



► (BLDC) brushless driven by inverter

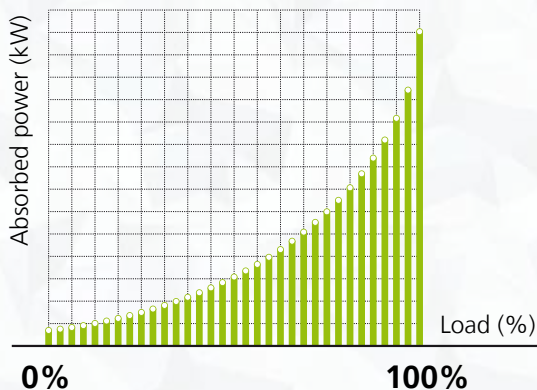


► DC pump on board



► DC Fans

In addition to the advantage of greater efficiency, the use of the inverter allows the unit to adapt its capacity to the effective heat load to satisfy.



DOMESTIC HOT WATER MANAGEMENT



The unit can also supply domestic hot water (option) by 3-way valve

TAU SKY Hi HP allows to cover the whole thermal load requirement of the system, ensuring the space heating/cooling and also the request of domestic hot water. Satisfying these needs by means of a single unit offers a simpler, cost-efficient solution.

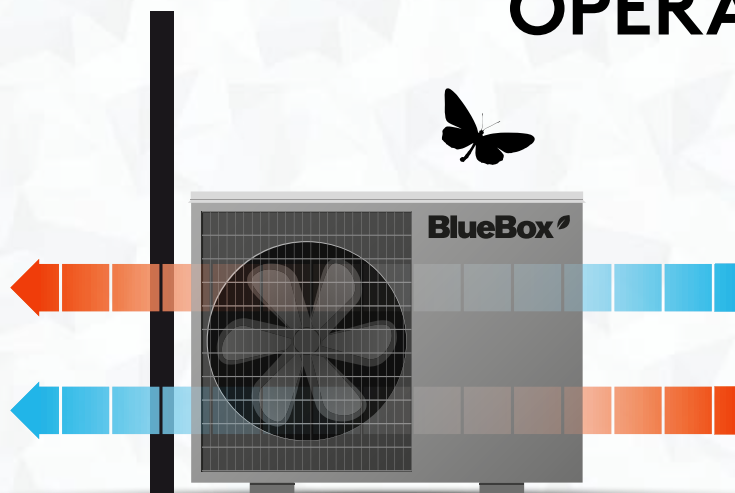
SMART DEFROST

REVERSIBLE HEAT PUMP VERSIONS

The defrost cycle can be a critical condition: TAU SKY Hi HP features the **Smart Defrost**, to avoid ice forming on the bottom part of exchanger: the function is efficiently activated according to air temperature - only when necessary.



OPERATING LIMITS



Able to work in wide range of different temperature profiles:

external Temperature
from - 25°C up to + 45°C

Hot Water
up to

-25°C

58°C

even

45°C

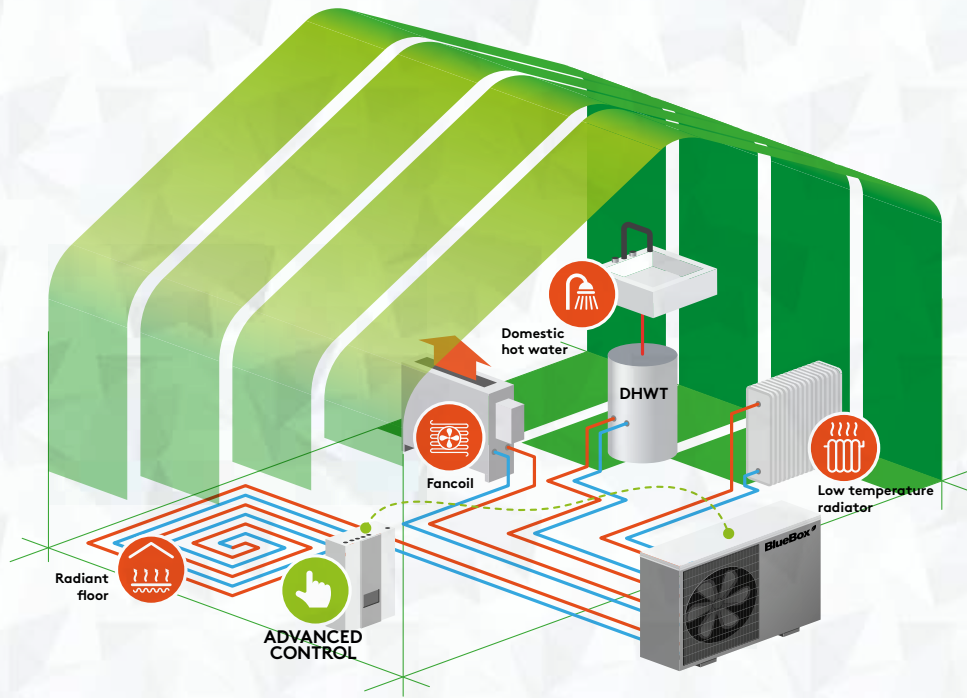
down to
-15°C

external temperature

CONTROL ► MAXIMUM FLEXIBILITY TO SUIT THE NEEDS OF LOAD AND INSTALLATION

MULTIZONE MANAGEMENT WITH CONTROL OF TWO TEMPERATURE LEVELS*

The control, managing a 3-way diverter valve and two 3-way valves, in addition to the management of domestic hot water is able to control the water supply up to 2 areas where there is a low temperature radiator system (RA), a fan coil system (FC) or a system with radiant floor (FH).



MANAGEMENT OF A HEATING/COOLING SECONDARY SYSTEM
(I.E. TRADITIONAL BOILER ETC.)

ANTI-LEGIONELLA CYCLE MANAGEMENT

TIME SLOTS PROGRAMMING

INTEGRATED WiFi*



Image refers to internal advanced control panel

MANAGEMENT OF INTEGRATIVE SYSTEM FOR THE PRODUCTION OF DOMESTIC HOT WATER

HISTORICAL ALARM RECORDING

EXTERNAL SOURCE MANAGEMENT* (ON/OFF)

VACATION MODE*

FLOATING SET POINT*



HEATING MODE

▲ external air temperature = ▼ set point water temperature

COOLING MODE

▼ external air temperature = ▲ set point water temperature

This function allows you to optimize efficiency on the one hand the unit, avoiding too much water hot when not needed, on the other hand it allows the unit to react effectively to changes in temperature outside air.

*Only with advanced control (option)

