

INDIGOTM

Highly efficient reversible air/water heat pump designed for demanding climate



General

INDIGO is a new reversible air/water heat pump suitable for demanding climate. INDIGO has very wide operating limits that allows it to work down to -23°C of external air temperature.

INDIGO achieves very high energy class level by the use of inverter controlled compressor, wide heat exchanger surface and electronic expansion valve.



Swegon participates in the ECC programme for Liquid Chilling Packages. Check ongoing validity of certificate online: www.eurovent-certification.com or using: www.certiflash.com

Capacity

- Size 14: Nominal capacity 8-12 kW heating, COP 4.45, 10-14 kW cooling, EER 4,25. Sound power level 69 dB(A).
- Size 18: Nominal capacity 10-15 kW heating, COP 4,30, 13-18 kW cooling, EER 4,10. Sound power level 71 dB(A).
- Operates in heating mode from ambient temperature +40°C to -23°C and in cooling mode from -10°C to +43°C.
- Can produce domestic hot water up to +60°C from ambient temperature -5°C.

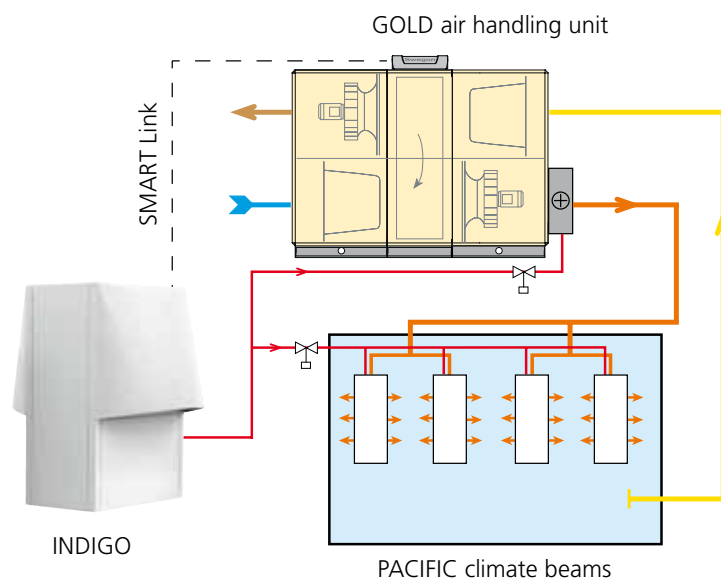
Application example

INDIGO can be applied in small commercial air condition applications together with GOLD air handling unit and climate beams, e.g. PACIFIC. INDIGO provides the GOLD's heating coil with warm water and can also provide the climate beams with warm water via the GOLD function All Year Comfort, that controls heating- and cooling circuits.

In summer time INDIGO can be used in reversible mode and produce chilled water.

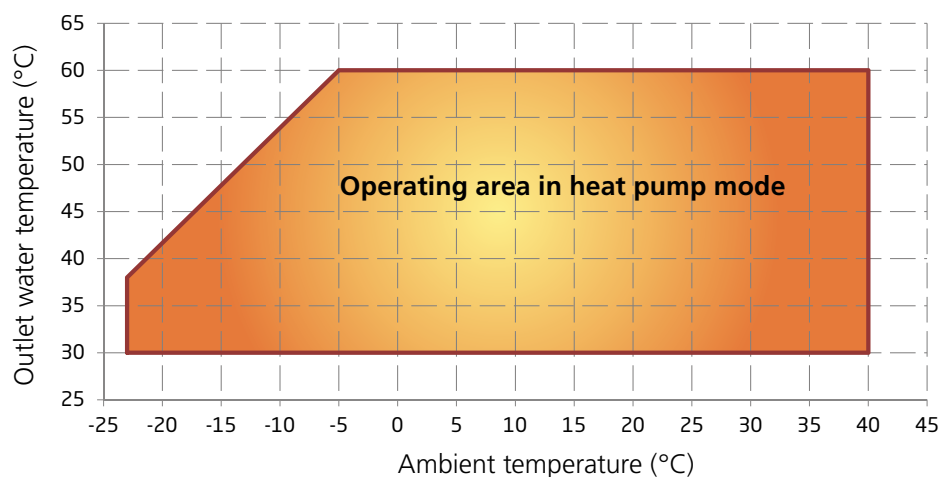
INDIGO is controlled by the GOLD control system via SMART Link.

INDIGO can also be used in residential buildings for heating systems with floor heating or radiators and also produce domestic hot water.



Wide operating range

INDIGO has a very wide operating range and can produce warm water down to an ambient temperature of -23°C. This means that additional heat is needed only in exceptional cases or not at all.



Short facts

Standard

- Refrigerant R410A
- Inverter controlled compressor
- Electronic expansion valve
- AC axial fan
- Snow covers (which also reduces sound)
- Bottom plate electrical heater
- SMART Link communication with GOLD

Optional

- EC axial fan
- RF version for discharge duct
- 3 way valve combined with management of domestic hot water



RF version for indoor installation and for discharge duct connection



Standard version with snow covers for outdoor installation