

Comfosystems
Zehnder ComfoBox Apart
The energy centre for a perfect climate

zehnder

always
around you

Heating

Cooling

Fresh Air

Clean Air



Facts and figures: The Zehnder ComfoBox Apart in detail.

The Zehnder ComfoBox Apart is the result of years of development, optimisation and perfectionism. The results are clear to see - in terms of both aesthetic qualities and engineering.

Zehnder ComfoBox Apart

- 625 x 559 x 1561 mm, 125 kg
- Zehnder ComfoAir350 ventilation device
- Brine-water heat pump
- Expansion tanks 12/8 litres
- Connections for heating/brine loop and hot water
- Includes regulation and control unit
- 400 litres hot water storage tank and 2 kW heating flange (option of 500 litres with/without additional solar register)
- Optional passive cooling



Zehnder ComfoAir 350

- Air output: up to 350 m³/h (200 Pa)
- Heat recovery of up to 90%
- Two energy-efficient ventilators
- Integrated filters for supply and extract air
- Integrated summer bypass
- Power consumption: ~ 0.23 W/(m³/h)



Brine-water heat pump

- Heating power (BO/W35):
2.5 kW / 3.5 kW
- El. power consumption (BO/W35):
0.64 kW / 0.87 kW
- Coefficient of Performance (COP)
(BO/W35): 3.8 / 4.1
- Operating voltage: 230 V / 400 V
- Max. current draw: 10 A / 5 A
- Refrigerant: R134a 1.20 kg / 1.25 kg
- Energy class A pumps

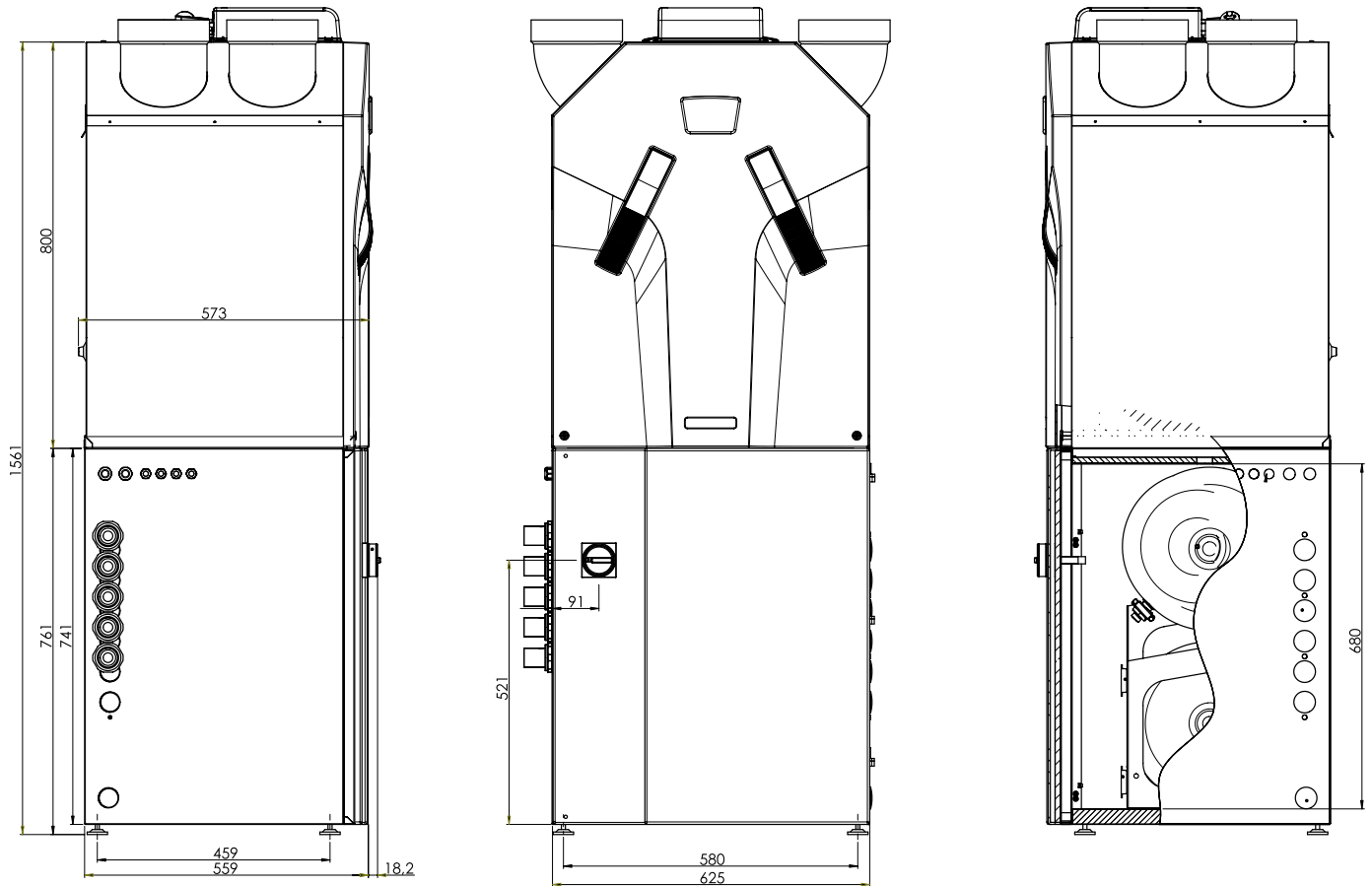


Easy to service and install

Simple installation and servicing thanks to its modular structure. All components are clearly configured and accessible from the front. Provided in 2 modules.



Dimensional drawing



Benefits

- Compact energy centre with heating, water heating and ventilation functions
- Optional passive cooling, referred to as "FreeCooling", for a pleasant indoor climate during the warmer months
- All main hydraulic components included such as pumps, changeover valves, safety devices, expansion vessels, etc.
- With heating powers of 2.5 kW or 3.5 kW to choose from, particularly suitable for low-energy and passive houses, or also for individual apartments
- High seasonal performance factor due to the use of brine or groundwater as an energy source
- High air output with 350 m³/h at 200 Pa external pressure
- Enthalpy heat exchanger for effective heat and moisture recovery
- Technical service and commissioning by own service technicians

Designation	Article number
ComfoBox Apart 2.5 kW single phase	990 105 052
ComfoBox Apart 3.5 kW 3-phase	990 105 003

