

Zehnder Atoll

Product brochure

always the best climate



always the best climate

Our mission is to provide a healthy indoor climate with top quality solutions. Living spaces are kept at a comfortable temperature by our radiators and heating & cooling ceilings whereas our ventilation solutions make sure that you can breathe fresh clean air 24/7.

zehnder



Trusted partner

We provide our customers with tailored services from planning to installation of excellent solutions for the best indoor climate since 1895.



Know what's next

Consistent focus on innovation has always been the motor for our business. We strive to provide intelligent solutions for ventilation, heating, and cooling.



Swiss quality and precision

Swiss quality and precision are reflected in all our products. Our design standards create timeless elegance in living spaces for yesterday, today, and tomorrow.



Know why, know how

It is our ongoing mission to share our expertise and know how with our customers by providing expert trainings. Our dedicated Zehnder academies bring indoor climate to life.



Dr. Hans-Peter Zehnder & Milva Inderbitzin-Zehnder

From family business to international company

From a small family-run mechanical workshop in Gränichen, Switzerland, Zehnder grew into a leading international corporation. The company roots are deeply intertwined with the entrepreneurial spirit of the Zehnder family. These are visible in Zehnder's corporate culture, the customer focus, respect, trust, curiosity, and openness.

Your global partner for indoor climate

4.000
employees

16
production
plants

more than
1.400
patents and
registered designs



Decorative radiators

Our decorative radiators do not only make a home feel cozy but have also eye-catching designs.



Comfortable indoor ventilation

Our ventilation systems ensure a healthy indoor climate but operate with high energy efficiency, boost wellbeing, and retain the property value.



Heating and cooling ceilings

Our heating and cooling ceiling systems are energy efficient and versatile to fit multiple environments.




Industrial air cleaning

Our clean air solutions are transforming working environments and improving the performance of businesses everywhere.

Zehnder Atoll

Electric operation

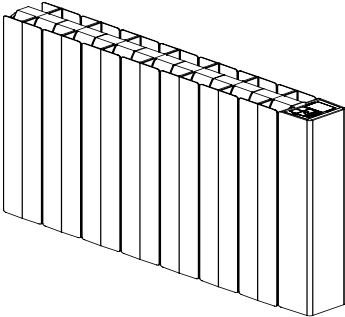


	Overview of models	Product description	Technical specifications	Installation points
Zehnder Atoll				
 <ul style="list-style-type: none">▪ Electric radiator▪ Aluminium elements▪ Intuitive control panel	5	6	7	8

Zehnder Atoll

Electric operation

Zehnder Atoll



Length ¹⁾ mm	Height mm
	575
397	TAXZ-050-039/CF
477	TAXZ-075-047/CF
637	TAXZ-100-063/CF
797	TAXZ-125-079/CF
957	TAXZ-150-095/CF
1277	TAXZ-200-127/CF

¹⁾ Total length incl. immersion heater

Zehnder Atoll

Electric operation



Product description

The Zehnder Atoll electric radiator is highly responsive and provides gentle and homogeneous heat without drying out the air or stirring up dust. The controls are discreetly placed at the top of the radiator. Compact design, crafted from lightweight aluminum and available in RAL 9010.

Technical specifications

- Aluminium elements, L = 80 mm
- Powder coating to DIN 55900
- Protection class IP34 (splash proof)
- Supply voltage: 230 V

Advantages

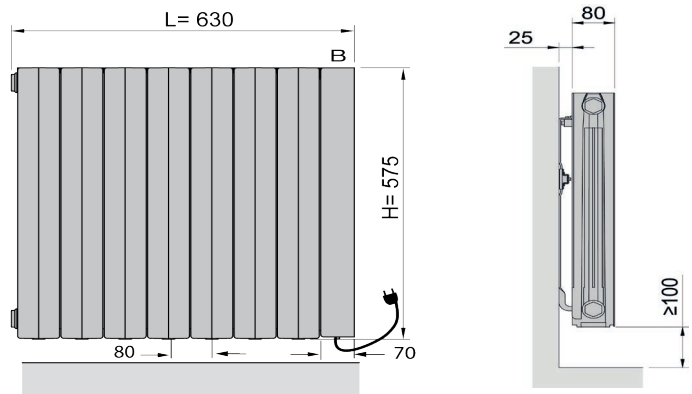
- High energy efficiency due to compliance with the European Ecodesign Directive saves energy costs
- Comfortable operation as needed by customisable daily and weekly programme
- Operation on demand with energy consumption indicator
- Simple operation due to three pre-defined heating programs
- Intuitive control panel makes operation simple
- Low energy consumption of only 0,5 W in stand-by mode for increased energy efficiency
- Energy-efficient heating through innovative "open window detection"
- H bracket with integral spirit level for easy installation

Standard scope of delivery:

- Powder coating to DIN 55900, RAL 9010
- With integrated electric heating element
- Connection cable without plug, appliance class II
- Spirit level for installation
- Radiator filled with heat transfer liquid
- Pilot cable integrated
- Mounting accessories
- Packaging

Zehnder Atoll

Electric operation



- H = Height
- L = Length including immersion heater
- T = Depth of radiator
- M = Weight
- B = Bracket

Dimensions in mm

Technical specifications per radiator					
Model	H mm	L ¹⁾ mm	T mm	M kg	Output Electric heating element Watt
TAXZ-050-039/CF	575	397	80	7,7	500
TAXZ-075-047/CF	575	477	80	9,7	750
TAXZ-100-063/CF	575	637	80	13,2	1000
TAXZ-125-079/CF	575	797	80	16,7	1250
TAXZ-150-095/CF	575	957	80	20,7	1500
TAXZ-200-127/CF	575	1277	80	27,7	2000

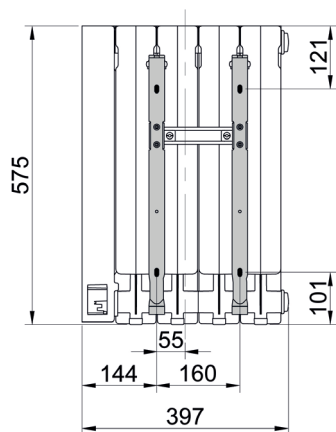
¹⁾ Total length incl. immersion heater

Zehnder Atoll

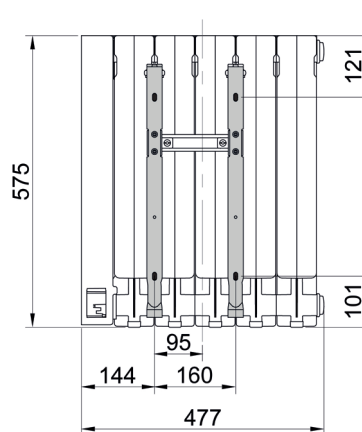
Electric operation

Dimensions for drill holes in H bracket

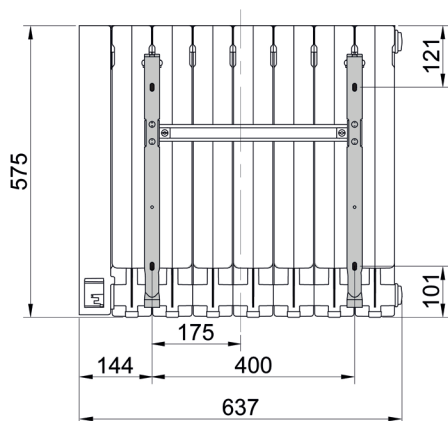
L = 397



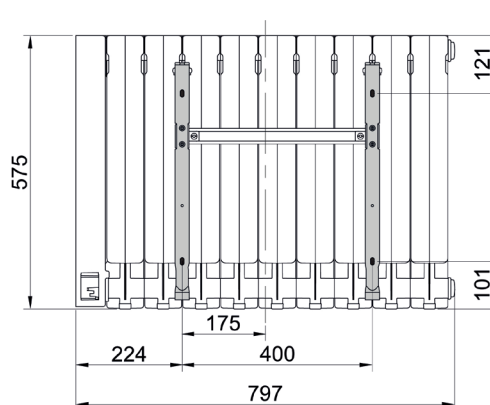
L = 477



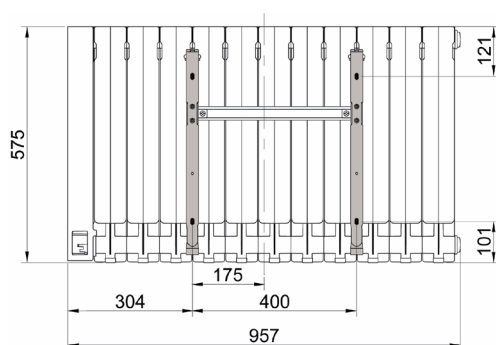
L = 637



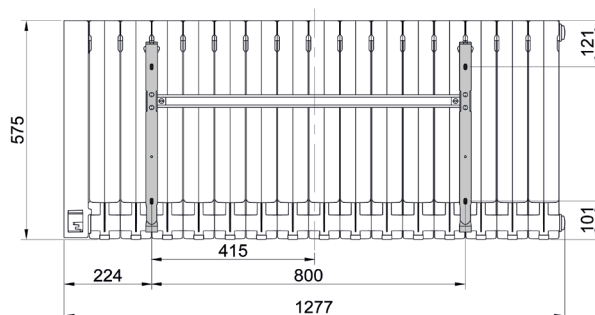
L = 797



L = 957



L = 1277



• = Position of drill holes, long hole in H bracket 16x8 mm
L = Length

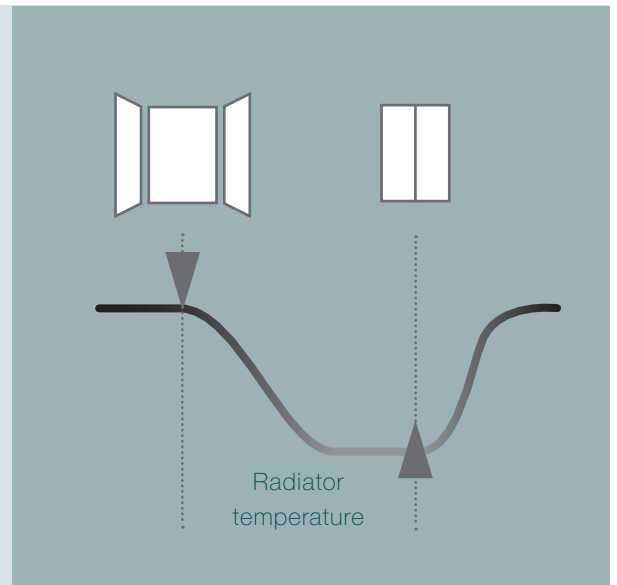
Dimensions in mm

Zehnder Atoll

Open window detection

The integral control unit recognises if a window has been opened for an extended period and switches the radiator off. Once the window is closed, the radiator returns to normal operation.

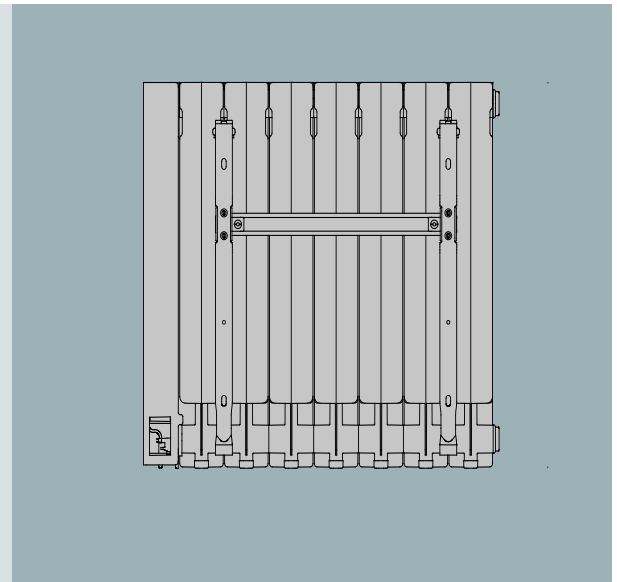
- External temperature sensor recognises temperature changes
- Integral thermostat reacts to sensor information
- Radiator automatically switches off if a window is open for an extended period
- Intelligent heating that saves energy and costs



H bracket

Practical installation: The H bracket with integral spirit level makes it easy to mount the radiator level on the wall.

- Integral spirit level guarantees precise, level installation
- Designed for practical installation
- Perfect appearance: Radiator mounts close to the wall, H bracket is painted the same colour as the radiator



Smart handling

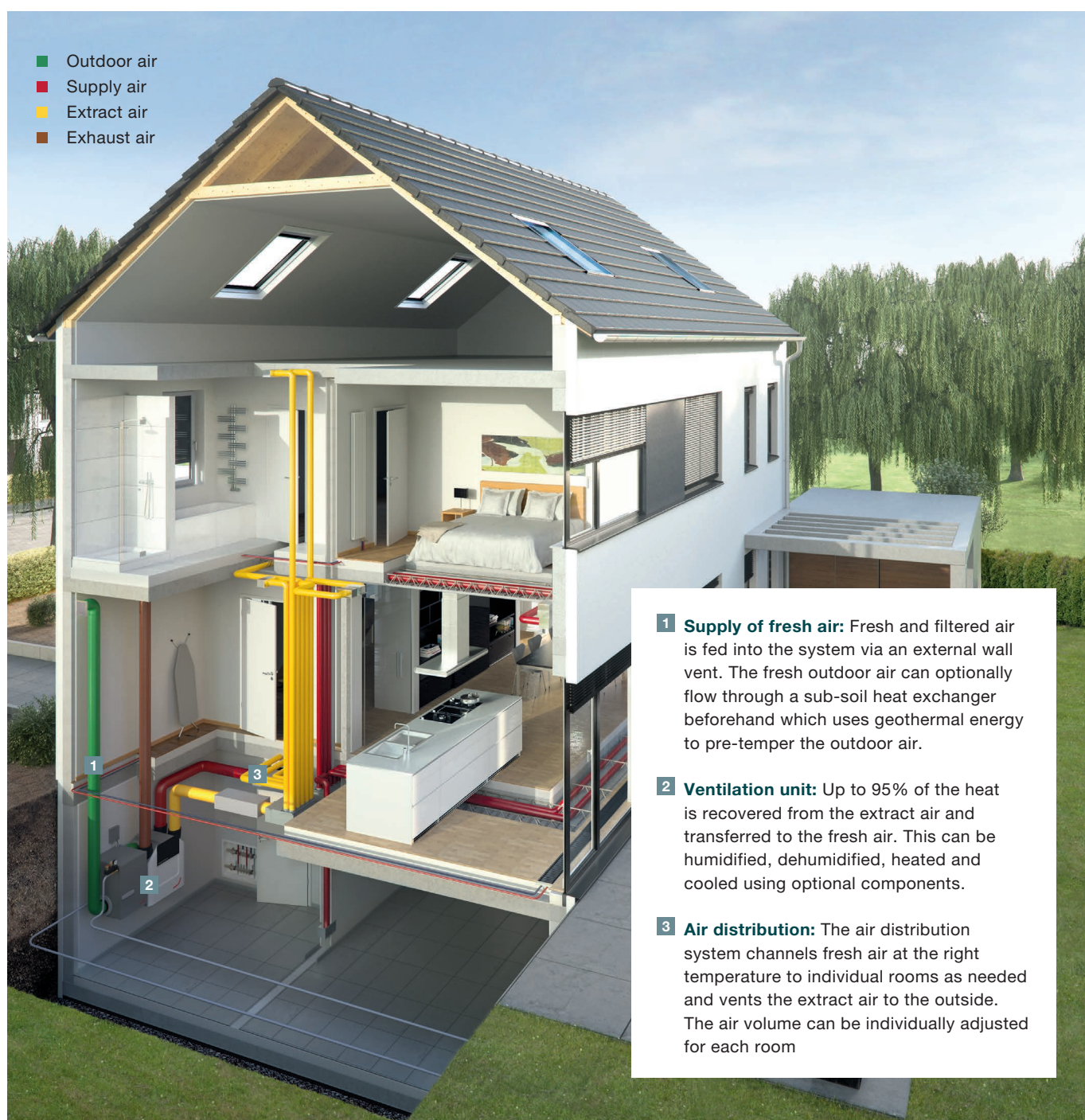
The control panel is designed as an integral part of the radiator: It is easy to operate using plus and minus keys and the temperature and energy consumption are easy to read.

- Comfortable operation as needed by customisable daily and weekly programme
- Three predefined heating programs
- Control panel can be locked for security
- Operation as needed with energy consumption indicator



Constant fresh air: hygienic, comfortable, healthy.

Easier, more efficient and more comfortable: ventilation systems from Zehnder achieve the legally required minimum air exchange, deliver lower heating costs and provide for a comfortable indoor climate all year round. Over 40 years' experience developing and producing form the basis for Zehnder complete systems. The individual components, intelligently designed to work together, are characterised by the highest level of functionality and durability.





Balanced ventilation unit Zehnder ComfoAir Q

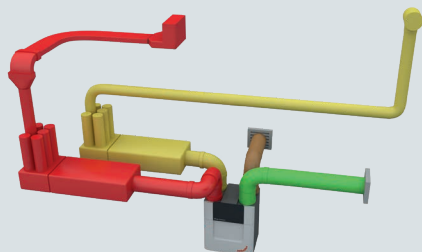


System expansion:
Zehnder ComfoClima 36 / ComfoFond-L Q

Ventilation unit Efficient and intelligent

The core of the ventilation system enables a high level of heat recovery, low energy consumption and very quiet operation. The control unit offers direct access to the most important functions. The menu-guided operation is simple and intuitive; a display provides information about the current status of the ventilation system. Zehnder ventilation units can also be integrated in a Building Management System (BMS).

System expansions, such as a sub-soil heat exchanger or an air tempering unit, can be added to the ventilation system as an option. A sub-soil heat exchanger enables additional pre-tempering of the supply air during both summer and winter – for even more comfort and even greater energy savings. With an air tempering unit, the supply air is actively tempered and dehumidified by means of a heat pump.



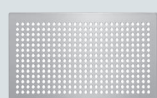
Zehnder ComfoTube flat 51 / ComfoTube



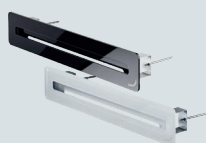
Zehnder ComfoTube Therm flat 51 /
ComfoTube Therm 90

Air distribution system Hygienic and clean

In addition to the ventilation unit, the air distribution system also plays an essential role in the optimum functionality of comfortable indoor ventilation: it influences ventilation performance, appearance, energy efficiency, hygiene and ease of maintenance. The unique variety of the Zehnder product portfolio offers solutions for every situation. The air distribution system is installed invisibly in the wall, ceiling or floor. Clinside, the smooth inner skin of the ventilation tubes, prevents the build-up of dust. Only minimal maintenance is necessary for optimal operation and the filter is replaced swiftly and smoothly. With the new pre-insulated air distribution system Zehnder ComfoFresh with Thermal Shield, Zehnder is taking the next step towards for improving indoor climate solutions: In addition to the transport of clean, fresh air, the new pre-insulated components also enable good-quality air into the living space at a pleasant temperature.



Zehnder Roma



Zehnder
ComfoGrid Linea



Zehnder ComfoValve
Luna E125



Zehnder ComfoValve
Luna S125

Designer grilles, valves and slot diffusers Perfect appearance

Design cover grilles, valves or slot diffusers in white, black or stainless steel look, whether in white, black or stainless steel look, discreetly conceal the outlets the outlets for supply and extract air in the living room. They provide a pleasant, and noiseless supply of fresh air without draughts.

