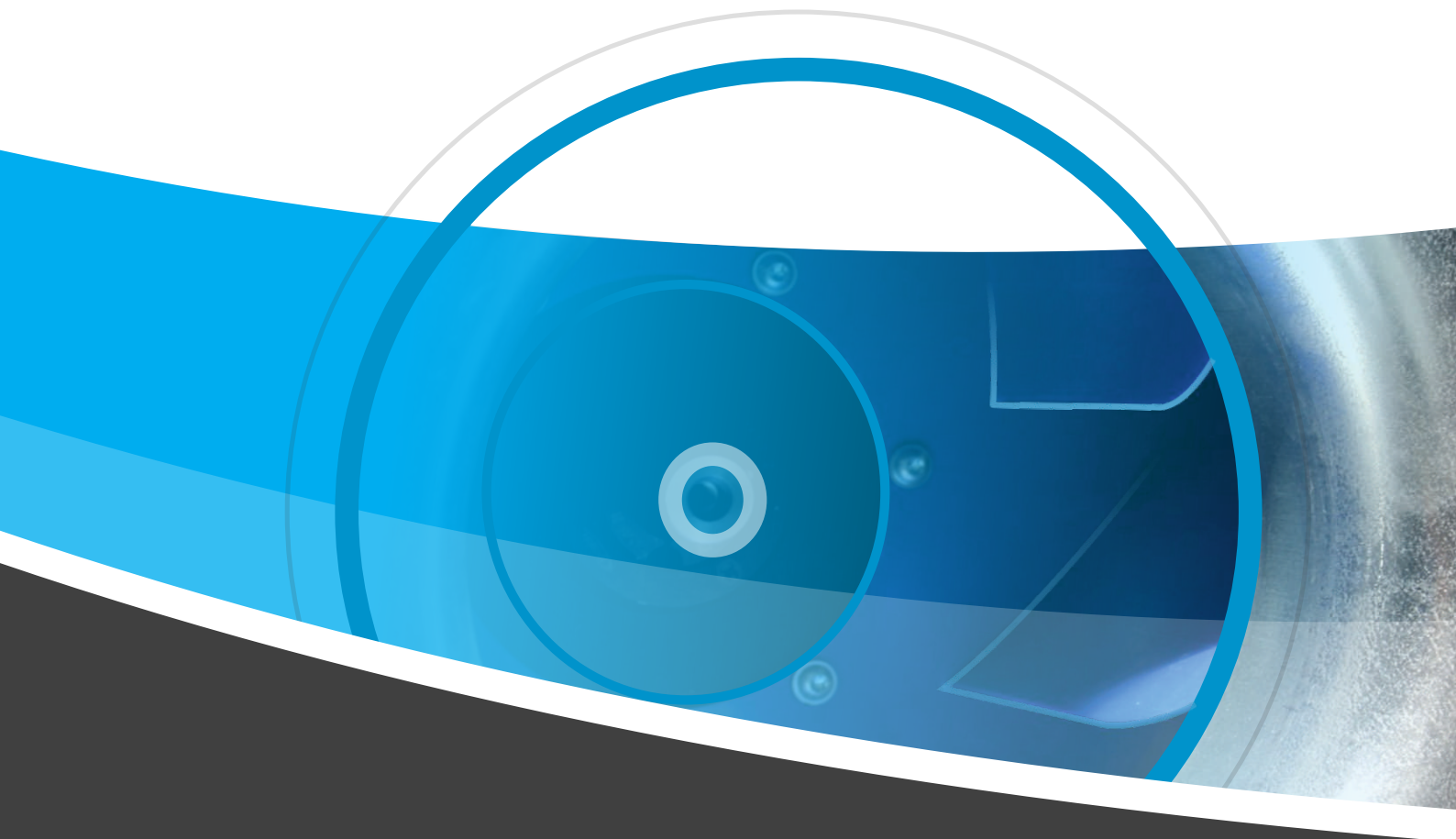


Air handling units

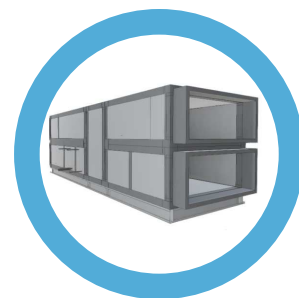
Product portfolio



 VentiAir

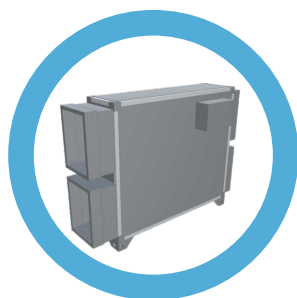
S-TYPE, W-TYPE - standard assembly units

- ♦ S-TYPE – air conditioning assembly unit for rooms with a requirement for reduced construction height or installation on the roof
- ♦ preferred design in combination with rotary exchanger units - the exchanger does not deviate from the profile of the unit
- ♦ chamber cross-sectional ratio 1: 2 (HxW), the resulting cross-section of the bi-directional unit is a square
- ♦ in this type, two or three fans are preferably placed in parallel in one chamber
- ♦ W-TYPE - assembled air handling unit with a square cross-section of chambers, vertical or horizontal design
- ♦ 25 size ranges, any device configuration according to project requirements, air output of the unit from 1 000 m³/h
- ♦ stable frame design, basic frame height 100mm — taller or adjustable legs on request
- ♦ plug-fan fans with frequency converters or energy-saving EC motors
- ♦ PUR panel or mineral wool — 25mm, 45mm, 50mm, 60mm, profiles with elimination of thermal bridges



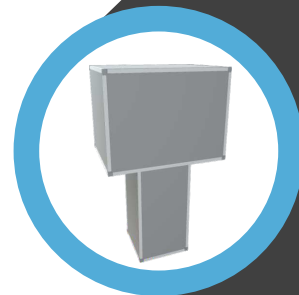
P-TYPE K, R - compact units

- ♦ compact air conditioning unit with heat recovery
- ♦ counter-flow high efficiency recovery exchanger or rotary heat exchanger
- ♦ minimal dimensions, **under-ceiling, floor and vertical design**
- ♦ **variant for outdoor operation**
- ♦ for ventilation of offices, shops, schools, restaurants, etc.
- ♦ integrated by-pass damper, mixing damper as option
- ♦ air flow rate range from 300 m³/h to 5 500 m³/h
- ♦ integrated control system - MODBUS RTU, Ethernet - control via Internet
- ♦ possibility of heating (internal) and cooling (external)



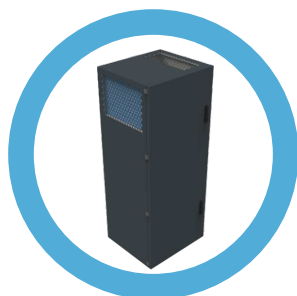
R-TYPE - compact roof units

- ♦ compact air handling unit with heat recovery for installation directly into the roof
- ♦ economical EC motors
- ♦ recovery exchanger with high efficiency - plate and rotary
- ♦ for ventilation, especially of industrial, production and storage halls
- ♦ integrated control system - MODBUS RTU, Ethernet - control via Internet
- ♦ possibility of heating and cooling (water / electric / direct evaporation)
- ♦ choice from three unit sizes with nominal flow rates of 5 000 m³/h, 6 500 m³/h and 8 000 m³/h



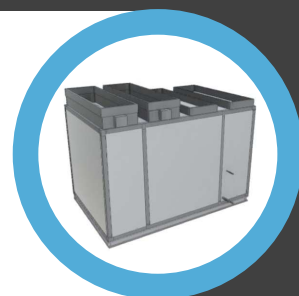
T-TYPE - compact school units

- ♦ compact air handling unit with heat recovery in three sizes
- ♦ meets the high requirements for low noise - only 35 dB
- ♦ floor and suspended versions
- ♦ easy to install to school classes
- ♦ **security against unauthorized entry into the unit and its control**
- ♦ possibility to connect to the superordinate system
- ♦ integrated by-pass damper
- ♦ integrated control system



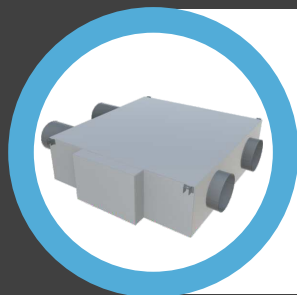
K-TYPE K, R - compact units with chimney connection system

- ♦ compact air conditioning unit with heat recovery with connection on top
- ♦ economical EC motors
- ♦ counter-flow heat recovery exchanger with high efficiency or rotary exchanger with the possibility of moisture transfer
- ♦ for ventilation of offices, shops, restaurants, etc.
- ♦ integrated control system - MODBUS RTU, Ethernet - control via Internet
- ♦ filtration class standard F7 / M5 - other variants possible
- ♦ possibility of heating and cooling (water / electric / direct evaporation)
- ♦ 5 unit sizes for use in every project - for air flow rates from 500 m³/h to 9 500 m³/h



REKU-TYPE - small compact units

- ♦ small compact air conditioning unit with heat recovery for flow rates from 100 m³/h to 1 000 m³/h - 6 sizes
- ♦ economical EC motors
- ♦ counter-flow heat recovery exchanger with high efficiency
- ♦ **chimney, suspended and vertical design**
- ♦ designed for indoor use
- ♦ integrated control system - MODBUS RTU, Ethernet - control via Internet
- ♦ possibility of heating and cooling (water / electric / direct evaporation)



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