



## PRODUCT PORTFOLIO



# VENTIAIR

## AIR CONDITIONING UNITS FROM CZECHIA

Our company is a leading Czech manufacturer of air conditioning units. One of the goals of our company is the complexity of delivery. That is why we have built a production company with a complete portfolio of units which, at the same time, remains flexible in solving individual customer requirements. Thanks to this, we manufacture and supply units to many, not only European, countries.

7

years on  
the market

10

countries where  
we operate

7 700

delivered air  
conditioning units

→ Get to know us at  
[www.ventiair.com](http://www.ventiair.com)



### 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 – 25 mm, 45 mm, 50 mm, 60 mm, 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)

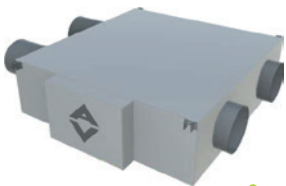




### K-TYPE K, R

#### 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 m<sup>3</sup>/h to 9 500 m<sup>3</sup>/h



### REKU-TYPE

#### SMALL COMPACT UNITS

- ◆ small compact air conditioning unit with heat recovery for flow rates to 1 000 m<sup>3</sup>/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)



### 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



### 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 m<sup>3</sup>/h, 6 500 m<sup>3</sup>/h and 8 000 m<sup>3</sup>/h

*We approach each order very carefully  
and always propose individual solutions  
tailored to the needs of the project.*



## Production area VentiAir s.r.o.

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