





Why Vento?

Duct units Vento are constructed to help to implement comprehensive but simple air handling devices at the same time. Only Vento offers You **10** advantages:

Variability and compactness of products possibility to create even complex devices

- Air inlet and exhaust
- Heating and cooling
- Heat recovery and mixing
- Control

2 Placing options – saves space and costs

- Can be installed in any position
- Separate components can be installed to the duct
- Installation by suspending under the ceiling in service rooms of buildings eliminates need of machine room
- Using existing supplies distribution lowers installation costs

Optional material typessatisfy every requirement

- . . .
- Atested fan for environment with explosion risk

All products can be made of stainless metal-sheets

Coloured finish at request

4 Convenient for use in demanding operations

- Regarding operation, maintenance and control the devices are comparable with air-handling units
- Proper installation satisfies even demanding requirements for comfort (for example. noise)
- Ideal for reconstructions and spatially complicated buildings
- Noise insulated fans

5 Excellent price – cheapest air handling and air conditioning system

- Low price of separate components
- Standard design of roof fans made of aluminium
- Complex delivery from one supplier lowers purchase costs

6 Exceptional speed and quality of deliveries - in time and with quarantee

Fast complex deliveries from stockhouse

7 Very easy installation

- fast and cheap installation

- Low weight of device
- Simple connection of components
- Easy handling without handling devices
- Possibility of additional PE insulation

8 High quality

- operation without any problems

- Used only proofed materials and componens
- Long service life (fans: 40 000 hours of operation)
- Easy change of filters
- Low operation costs (output power control, low input power)
- Up to 5 years of guarantee

Excellent adjustablility optimizes coziness of air-conditioned rooms

- 5 stage fan speed control voltage controller, frequency inverter (WebClima or VCB control unit)
- Perfectly controlable heating and cooling
- Complex control and regulation systems
- Simple implementation of the equipment with automatic control

10 Selection of parts and project processing

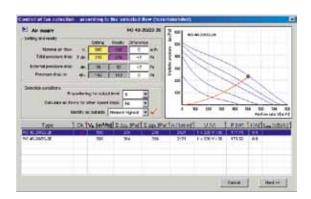
software AeroCAD with elements of virtual reality

- Optimal placing of device to the room of installation
- Calculation of all output parameters power outputs, pressures, temperatures, noises, pressure losses and gains of separate components, relative and specific humidity, density, enthalpy, real and mass air flow rate etc.
- Professional 2D, 3D pictures for import to CAD systems
- Individual processing of quotations
- Comprehensive graphically processed calculations
- Automatic projection of control saves costs on project of measuring and control

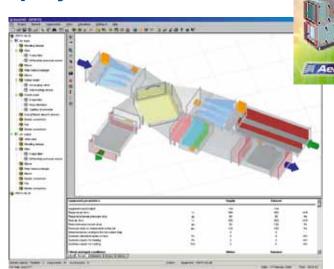


Perfect and comprehensive project

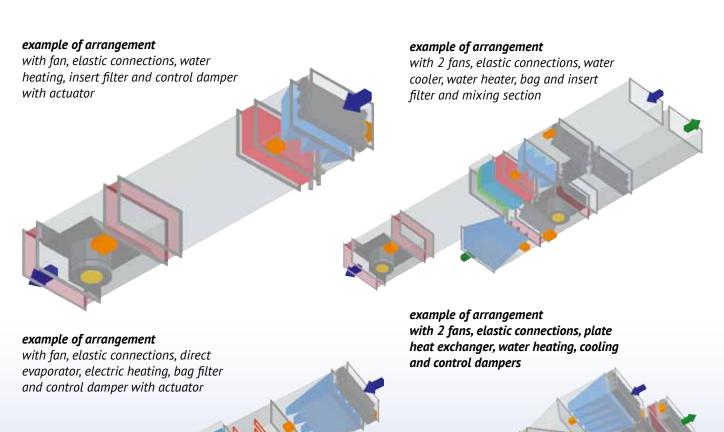
Unique comprehensive graphical projecting and calculation program **AeroCAD** is at your disposal when projecting Vento units.



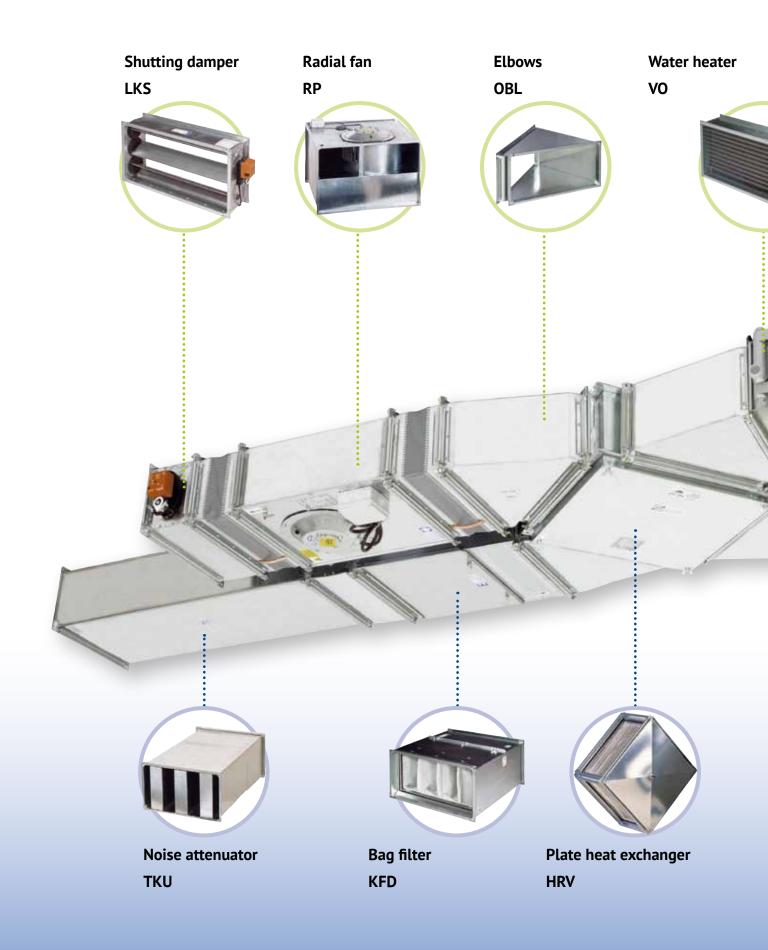
Calculation of fan parameters



Projected device















motors can be easily cleaned



explosion proof fan types



radial spiral fans





easily changeable filters



mixing sections with continuous mixing control



el. heaters with built-in switching elements (SSR)





roof fans for air outlet



motors are wired to terminals which makes wiring easy



control and regulation are provided by linked systems with comprehensive protection elements





water heaters with automatic deaeration



coolers with built-in anti-freeze protection and condensate drain kit



high-performance drop eliminators

