



The American VENTUS modular air handling units are units with, wide and universal applications, characterised by the possibility of individual configuration tailored to the needs and preferences of the customer.

The units are selected using the ClimaCAD OnLine software.

Capacity: from 800 CFM to 38 000 CFM

Energy recovery: up to 92% recovery efficiency

Placing: floor-mounted units

Архангельск (8182)63-90-72  
 Астана (7172)727-132  
 Астрахань (8512)99-46-04  
 Барнаул (3852)73-04-60  
 Белгород (4722)40-23-64  
 Брянск (4832)59-03-52  
 Владивосток (423)249-28-31  
 Волгоград (844)278-03-48  
 Вологда (8172)26-41-59  
 Воронеж (473)204-51-73  
 Екатеринбург (343)384-55-89  
 Иваново (4932)77-34-06

Ижевск (3412)26-03-58  
 Иркутск (395)279-98-46  
 Казань (843)206-01-48  
 Калининград (4012)72-03-81  
 Калуга (4842)92-23-67  
 Кемерово (3842)65-04-62  
 Киров (8332)68-02-04  
 Краснодар (861)203-40-90  
 Красноярск (391)204-63-61  
 Курск (4712)77-13-04  
 Липецк (4742)52-20-81  
 Киргизия (996)312-96-26-47

Магнитогорск (3519)55-03-13  
 Москва (495)268-04-70  
 Мурманск (8152)59-64-93  
 Набережные Челны (8552)20-53-41  
 Нижний Новгород (831)429-08-12  
 Новокузнецк (3843)20-46-81  
 Новосибирск (383)227-86-73  
 Омск (3812)21-46-40  
 Орел (4862)44-53-42  
 Оренбург (3532)37-68-04  
 Пенза (8412)22-31-16  
 Казахстан (772)734-952-31

Пермь (342)205-81-47  
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 Рязань (4912)46-61-64  
 Самара (846)206-03-16  
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 Уфа (347)229-48-12  
 Хабаровск (4212)92-98-04  
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 Ярославль (4852)69-52-93

<https://ventus.nt-rt.ru/> || [vsn@nt-rt.ru](mailto:vsn@nt-rt.ru)

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## AVS

from 800 CFM

to 38 000 CFM



in total capacity

- Kind of unit: modular AHU's
- Capacity – from 800 CFM to 38 000 CFM
- Energy efficiency: energy recovery system: cross-flow plate, energy

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## AVS LITE

from 800 CFM

to 4 000 CFM



in total capacity

- Kind of unit: modular AHU's
  - Capacity – from 800 CFM to 4 000 CFM
  - Energy efficiency: energy recovery system: cross-flow plate,
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## AVS VERTICAL

from 800 CFM  
to 4 000 CFM



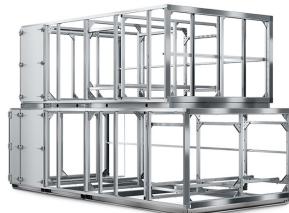
in total capacity

- Kind of unit: modular AHU's Capacity – from 800
- CFM to 4 000 CFM Placing: floor mounted unit

## DESIGN

The VENTUS air handling units are made of baked polyurethane panels covered with AluZinc sheets (AZ 150). In addition, the structures are reinforced by aluminum structural pillars, a steel cage of the fan section, as well as steel base frames.

The American VENTUS air handling units have an extensive sealing system. These devices are equipped with sealing fins which ensure labyrinthine seals, and thermal inserts that guarantee the breaking of all thermal bridges.



## ENERGY EFFICIENCY

The American VENTUS AVS AHUs can be equipped with various key components: heat wheels, cross-flow plates, glycol heat exchangers, heating coils, and cooling coils.



## CONTROLS

For management of our American VENTUS air handling units we recommend our control application based on BACnet connection, supporting all advanced control functions and variable ways of external communication including integration with Building Management Systems.



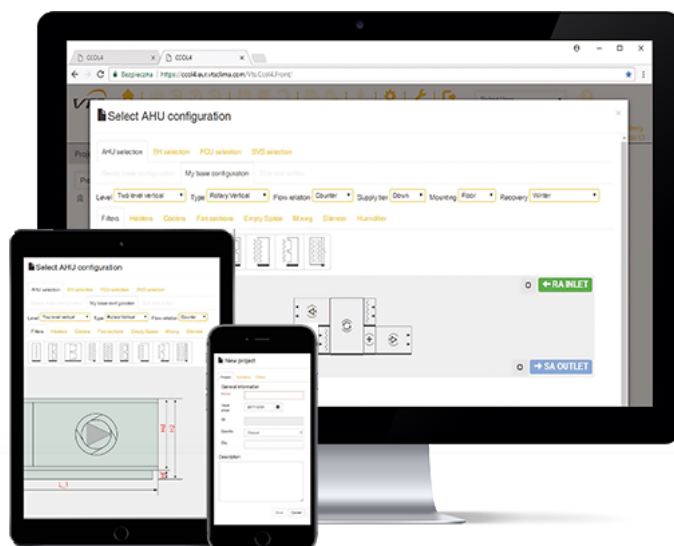
## ROOFTOP APPLICATION

The American VENTUS air handling units are adapted to rooftop applications. Devices are equipped, among others in: roof and curb ready rails.



## Selection software

ClimaCAD OnLine 4 (CCOL4) is the authorial VTS selection software.



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