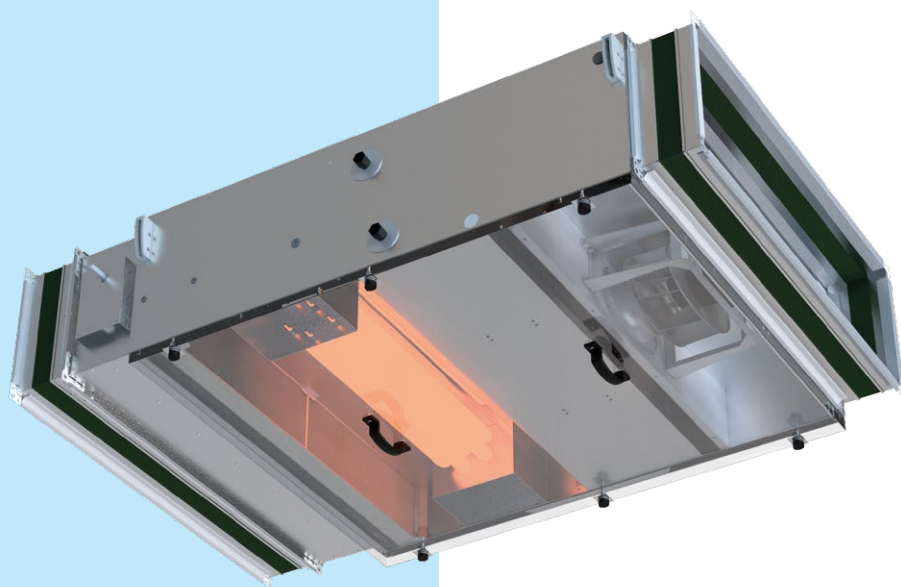




## UVU

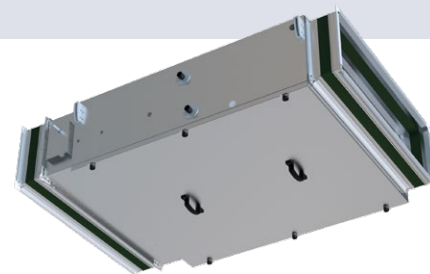
---

Unidirectional  
ventilation units

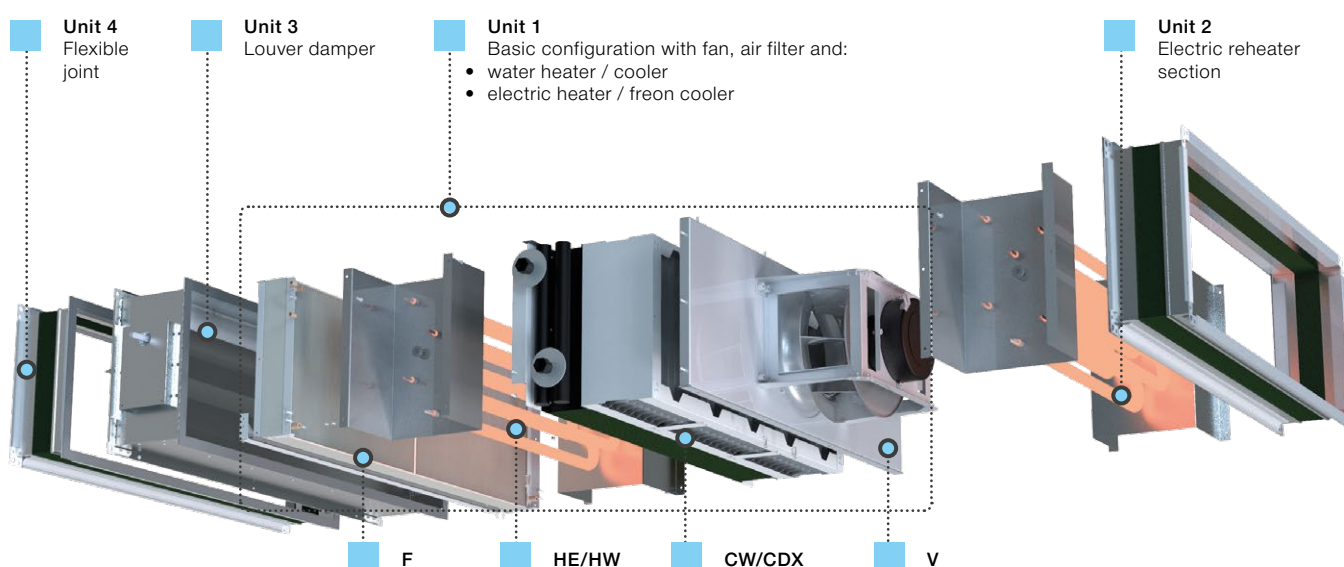


## UVU VENTILATION UNITS

The compact UVU unidirectional ventilation units with additional heating and cooling modules provide comfortable living conditions in any premises, such as logistics facilities or gyms. Easy installation directly into the duct and the ability to combine sections allows achieving the required air parameters within an optimised time frame.



### DESIGN



The panels of the casing are made of aluzinc (outer) and galvanized steel (inner), and are heat and sound insulated with 25 mm or 40 mm thick mineral wool depending on size. Maintenance is carried out from below through removable panels. Each unit size may comprise the following components to achieve the required air parameters:

- **V** – high-efficiency fan
- **F** – air filter class G4, F7
- **HW** – water heater
- **CW** – water cooler
- **CDX** – freon cooler
- **HE** – electric heater

### APPLICATION



Sports facilities



Warehouses



Catering facilities



Residential complexes

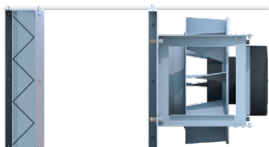


Industrial facilities



Garages and workshops

## CONFIGURATIONS AND FUNCTIONAL UNITS



### VF

Basic configuration



### VFHW/CW

Configuration with filter and reversible water heat exchanger (heating/cooling)



### VFHECW/CDX

Configuration with filter, electric heater and freon cooler

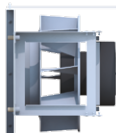
\*More configurations available in the selection program



### VFHE

Configuration with filter and electric heater

## BASIC CONFIGURATION



### V

#### Highly efficient fan

Fan with EC motor, smooth adjustment  
0...10 V



### F

#### Air filter

- G4 panel filter
- F7 panel filter

## ADDITIONAL OPTIONS. HEATING



### HW

#### Water heater

- two-row, standard version
- four-row, standard version



### HE

#### Electric heater\*

- three-phase, rated power 9 kW
- three-phase, rated power 18 kW
- three-phase, rated power 36 kW
- three-phase, rated power 48 kW
- three-phase, rated power 72 kW

\*The rated power can be increased by making the heater a separate section.

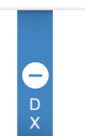
## ADDITIONAL OPTIONS. COOLING



### CW

#### Water cooler

- two-row, standard version
- four-row, standard version



### CDX

#### R32/R410A freon cooler

- two-row, standard version
- four-row, standard version

## CONFIGURATIONS AND PERFORMANCE

| Standard size | Configu-<br>ration | Air flow<br>[m³/h] |      | 1000 | 2000 | 3000 | 4000 | 5000 | 6000 | 7000 | 8000 | 9000 |
|---------------|--------------------|--------------------|------|------|------|------|------|------|------|------|------|------|
|               |                    | min.               | max. | m³/h |      |      |      |      |      |      |      |      |
| AV01 UVU 1000 | VF                 | 400                | 1000 | ■    | ■    | ■    |      |      |      |      |      |      |
| AV02 UVU 2000 |                    | 800                | 2500 |      | ■    | ■    | ■    | ■    |      |      |      |      |
| AV04 UVU 4000 |                    | 1600               | 4800 |      |      | ■    | ■    | ■    | ■    | ■    |      |      |
| AV06 UVU 6000 |                    | 2400               | 6400 |      |      |      | ■    | ■    | ■    | ■    | ■    |      |
| AV06 UVU 8000 |                    | 3200               | 8800 |      |      |      | ■    | ■    | ■    | ■    | ■    | ■    |

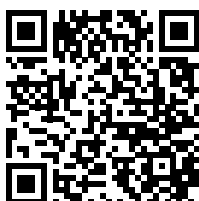
| Standard size | Configu-<br>ration | Air flow<br>[m³/h] |      | 1000 | 2000 | 3000 | 4000 | 5000 | 6000 | 7000 | 8000 | 9000 |
|---------------|--------------------|--------------------|------|------|------|------|------|------|------|------|------|------|
|               |                    | min.               | max. | m³/h |      |      |      |      |      |      |      |      |
| AV01 UVU 1000 | VFHW/<br>CW        | 400                | 870  | ■    | ■    |      |      |      |      |      |      |      |
| AV02 UVU 2000 |                    | 800                | 2150 |      | ■    | ■    | ■    |      |      |      |      |      |
| AV04 UVU 4000 |                    | 1600               | 4350 |      |      | ■    | ■    | ■    | ■    |      |      |      |
| AV06 UVU 6000 |                    | 2400               | 6100 |      |      |      | ■    | ■    | ■    | ■    | ■    |      |
| AV06 UVU 8000 |                    | 3200               | 8400 |      |      |      | ■    | ■    | ■    | ■    | ■    | ■    |

| Standard size | Configu-<br>ration | Air flow<br>[m³/h] |      | 1000 | 2000 | 3000 | 4000 | 5000 | 6000 | 7000 | 8000 | 9000 |
|---------------|--------------------|--------------------|------|------|------|------|------|------|------|------|------|------|
|               |                    | min.               | max. | m³/h |      |      |      |      |      |      |      |      |
| AV01 UVU 1000 | VFHECW/<br>CDX     | 400                | 900  | ■    | ■    |      |      |      |      |      |      |      |
| AV02 UVU 2000 |                    | 800                | 2300 |      | ■    | ■    | ■    |      |      |      |      |      |
| AV04 UVU 4000 |                    | 1600               | 4500 |      |      | ■    | ■    | ■    | ■    |      |      |      |
| AV06 UVU 6000 |                    | 2400               | 6200 |      |      |      | ■    | ■    | ■    | ■    | ■    |      |
| AV06 UVU 8000 |                    | 3200               | 8300 |      |      |      | ■    | ■    | ■    | ■    | ■    | ■    |

| Standard size | Configu-<br>ration | Air flow<br>[m³/h] |      | 1000 | 2000 | 3000 | 4000 | 5000 | 6000 | 7000 | 8000 | 9000 |
|---------------|--------------------|--------------------|------|------|------|------|------|------|------|------|------|------|
|               |                    | min.               | max. | m³/h |      |      |      |      |      |      |      |      |
| AV01 UVU 1000 | VFHE               | 400                | 1000 | ■    | ■    |      |      |      |      |      |      |      |
| AV02 UVU 2000 |                    | 800                | 2400 |      | ■    | ■    | ■    |      |      |      |      |      |
| AV04 UVU 4000 |                    | 1600               | 4700 |      |      | ■    | ■    | ■    | ■    |      |      |      |
| AV06 UVU 6000 |                    | 2400               | 6300 |      |      |      | ■    | ■    | ■    | ■    | ■    |      |
| AV06 UVU 8000 |                    | 3200               | 8700 |      |      |      | ■    | ■    | ■    | ■    | ■    | ■    |



The selection of units is available at  
[vents-selector.com/nrvu\\_uvu](https://vents-selector.com/nrvu_uvu)



The brochure information is for reference only.

VENTS reserves the rights to modify any of its products' features, designs, components and specifications at any time and without notice to maintain the development and quality of manufactured goods.

2024-10