

# Air treatment and distribution

Recirculation, filtration and dehumidification  
for the comfort ecosystem.

More quality for  
the indoor **climate**.

More value for  
**well-being**.







## CERTIFICATO DI GARANZIA EUROTHERM EUROTHERM WARRANTY CERTIFICATE EUROTHERM-GARANTIEZERTIFIKAT

Eurotherm, per garantire la sicurezza e la tranquillità dei propri Clienti si è dotata delle necessarie coperture assicurative al fine di tutelarne l'interesse, affidandosi a ITAS Mutua. La garanzia prevede:

- Assicurazione della Responsabilità Civile del Produttore, **senza limite di tempo, su tutti i prodotti e per l'intera durata contrattuale assicurativa**, per difetti originari di produzione, assemblaggio e/o progettazione, istruzione, installazione, contro i danni involontariamente cagionati a Terzi.  
I massimali assicurati sono i seguenti:  
per sinistro **€ 10.000.000,00**
- Assicurazione della responsabilità Civile dell'Attività, contro Terzi e su tutti i lavori di installazione e installazione effettuate da personale specializzato Eurotherm.  
I massimali assicurati sono i seguenti:  
per sinistro, limite per persona e limite per danni a cose **€ 10.000.000,00**  
Copertura valida per segnalazione sinistro entro 24 mesi da messa in pressione con prova di impianto.

ITAS garantisce quindi contro i danni sopra descritti fino alla concorrenza dei massimali indicati nelle certificazioni assicurative allegate e nell'ambito delle rispettive condizioni contrattuali di assicurazione. La garanzia vale per l'intera durata.

To guarantee our Clients' safety and peacefulness, Eurotherm has entered into the proper insurance with ITAS Mutua in order to protect our clients' interest. The warranty includes:

- A product liability insurance, **without any temporal limitation, on all products and throughout the entire duration of the contract**, for flaws due to imperfect production, assembly and/or planning, instruction or packaging against damages accidentally caused to Third parties.  
The covered limit of liability are:  
per accident: **€ 10.000.000,00**
- A business liability insurance against Third parties and on all the maintenance and repair works fulfilled by Eurotherm expert staff.  
The covered limit of liability are:  
per accident, limit per person and limit per damage to goods: **€ 10.000.000,00**  
The coverage is valid whether the accident is alerted within 24 months from the pressure test or subsequent tightness test.

Hence, ITAS guarantees against the above-described damages within the limits laid down in the above insurance certifications and within the consequent insurance's terms and conditions. The guarantee is valid for the entire duration.

Um die Sicherheit und Zufriedenheit seiner Kunden zu garantieren, hat Eurotherm einen Versicherungsschutz mit ITAS Mutua abgeschlossen. Die Garantie umfasst wie folgt:

- Unbefristete Haftpflichtversicherung, für alle Produkte und für die gesamte Dauer des Versicherungsschlusses**, für Fabrikationsfehler, Montage- und/oder Konstruktionsfehler, Fehler in der Anleitung oder Verpackungsgangarten gegenüber Dritten.  
Die Obergrenzen sind wie folgt:  
**€ 10.000.000,00 pro Schadensfall**

- Haftpflichtversicherung gegenüber Dritte und für Wartungs- und Reparaturarbeiten, die von Spezialisten von Eurotherm durchgeführt werden.

## Lifetime Warranty

Eurotherm radiant systems are lifelong guaranteed by ITAS Assicurazioni. Eurotherm extends the guarantee to the entire lifetime of the radiant system against unintentional damage caused to third parties resulting from manufacturing, assembly and/or design defects.





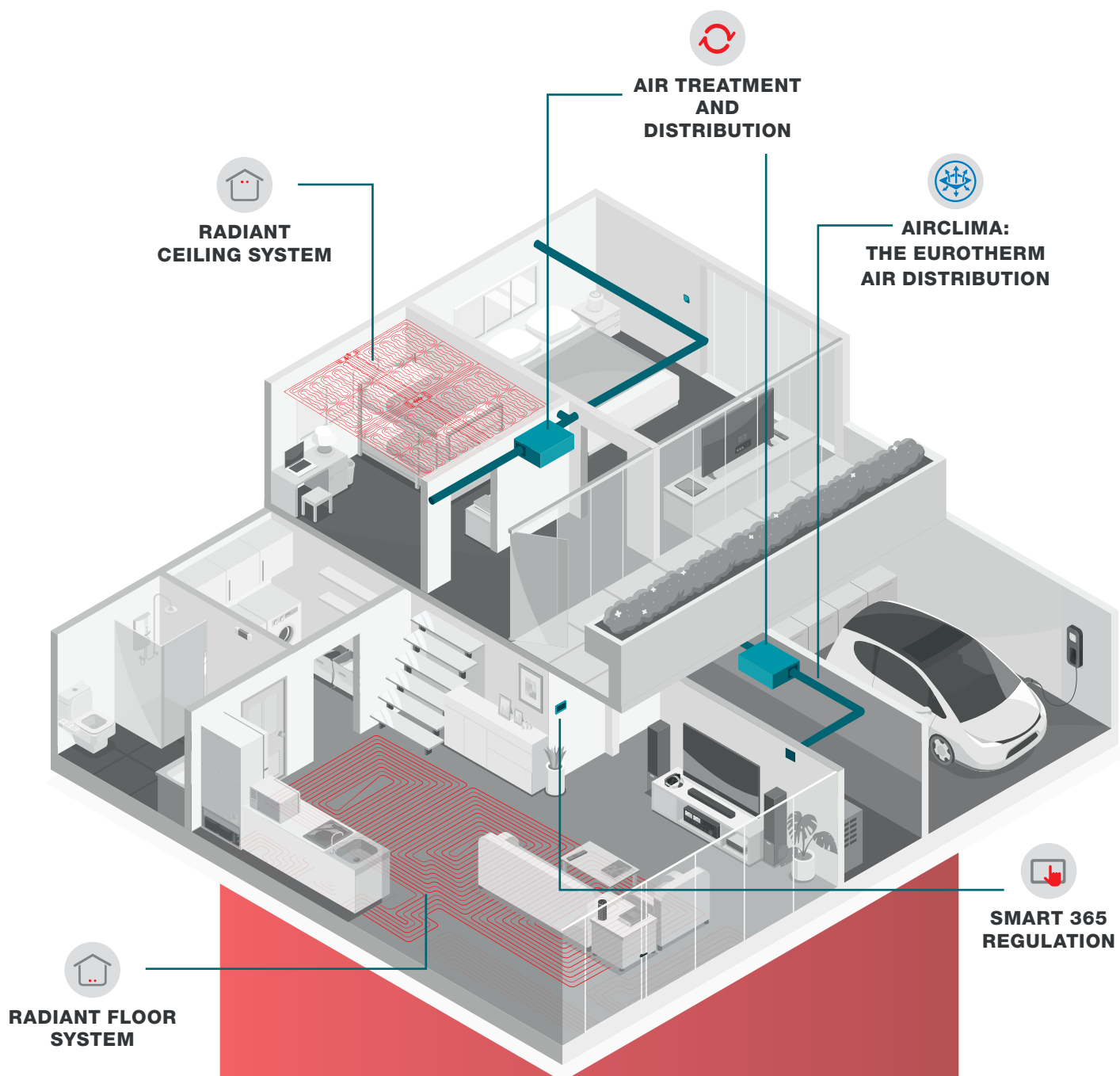
## Advanced air treatment and distribution solutions

Turning to Eurotherm is the ideal answer for those seeking a healthy and welcoming environment. Our air handling machines are designed to provide high levels of comfort and, in particular, to work in environments where radiant and air handling come together in the radiant smart experience. The use of Smart 365 regulation gathers the best from radiant systems and air handling units: algorithms developed and optimised over the years, in fact, allow the two parts of the system to work in synergy and offer our customers a unique experience.

Eurotherm air handling units offer different functionalities, ranging from mechanical ventilation for hygienic air exchange, summer dehumidification, integration in heating/cooling up to sanitisation. Our range includes machines of different types, with various sizes and modes of installation, both vertical and horizontal, so as to offer maximum flexibility in choosing the most suitable unit for the specific needs of each plant.

Starting in 2024, we will further expand our offering for the residential context. For machines that require an air distribution system, Eurotherm has a proposal that also includes ducting.







## Breathing clean air, fresh and dehumidified

We generally spend about **90 percent of our lives indoors** subject to various sources of pollution from our daily activities, building and furnishing materials, household cleaning products, paints and printer toners. There are also a number of **biological contaminants** such as mold, bacteria, and pollen that can have harmful effects on health. In addition, modern buildings that are increasingly airtight do not allow for adequate air exchange. Sometimes these pollutants, being odourless, are not perceived by people and therefore are difficult to detect.

For reasons of **healthfulness, comfort and maintenance of property value**, it is necessary to introduce a certain amount of outside air into the rooms where we live. Opening windows alone is often insufficient: on the one hand, because of the energy waste that would result when it is very hot or very cold outside; on the other hand, because it is possible that there are various sources of pollution outside the building due to vehicular traffic or industrial processes, or such a concentration of pollen that it is inadvisable to let air in directly through the windows. Finally, the amount of air entering through windows and its penetration into spaces is difficult to control and depends on varying local conditions, such as the speed and direction of the wind and the temperature difference between indoors and outdoors.



# What is the purpose of the Eurotherm air treatment units?

To ensure adequate indoor air exchange and thus the removal and dilution of contaminants, Eurotherm air treatment machines not only perform heat recovery between the exhausted air and the injected air, minimising energy losses, but also perform **efficient filtration**.

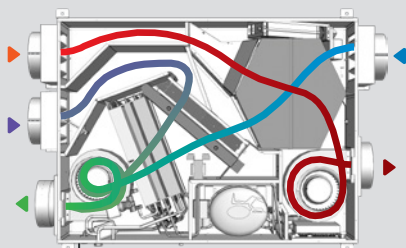
Not only that, Eurotherm air handling machines make it possible to maintain the relative humidity level within comfort parameters, especially in the summer period when mechanical ventilation alone is not sufficient.

Italy, and more generally the Mediterranean area, is in fact characterised by very hot and humid summers. The vapour produced by people inside their homes and their daily activities (such as cooking or washing dishes) must be disposed of by means of a suitable dehumidification system, found on Eurotherm air handling units. By adopting a Eurotherm air handling unit, it is possible to ensure excellent air exchange and to carry out real indoor air treatment (dehumidification and integration in cooling). The latter is extremely important and recommended especially in case you want to cool with a radiant system. Thus, seasonal operation of the machine can be distinguished.



## Summer operation

Flow of the operation of Deuclima-VMC 300 S in the mode **replacement + recirculation**.



**Filtered and healthy air**

**Heat recovery**

**Humidity control** in the room

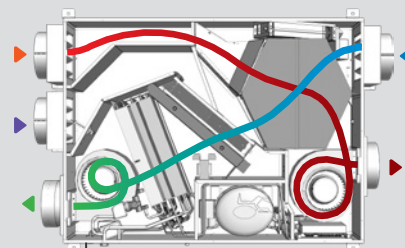
**Dehumidification** and integration

**Support** radiant system



## Winter operation

Flow of the operation of Deuclima-VMC 300 S in the mode **exchange only**.



**Filtered air and salubrious**

**Heat recovery**

**Prevents** the formation of **mold**

▶ Extracting dirty environments

◀ External air extraction

▶ Clean room extraction

▶ Expulsion of stale air

◀ Treated air intake

## Air quality according to UNI EN 16798-1

The air flow rates to be guaranteed inside buildings to ensure a healthy environment are indicated by the reference standard **UNI EN 16798-1**.

In contrast to UNI 10339, the **UNI EN 16798-1** standard proposes different methods of calculating the air flow rate for ventilation by declining the results according to the indoor air quality achievable. The standard also places great emphasis on the air flow rates to be guaranteed to dilute contaminants released by building materials even in the absence of occupants.

Our dedicated residential Deuclima-VMC range has been developed for residential in different sizes and with the possibility of modulating the ventilation flow rate to **best handle each installation and occupancy condition**.

For non-residential buildings, on the other hand, the units in the DCR line can meet the demand for higher ventilation flow rates.

The table below shows the values of renewal flow rates for the different categories of UNI EN 16798-1 in a residential context and a typical non-residential context, such as tertiary offices.

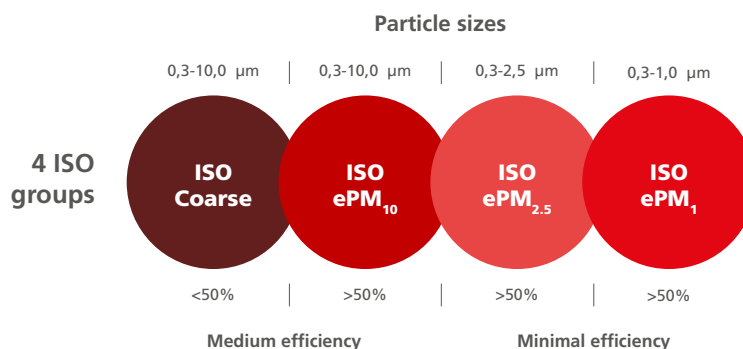
| Category | Residential |           | Offices  |           |
|----------|-------------|-----------|----------|-----------|
|          | L/s/pers    | m³/h/pers | L/s/pers | m³/h/pers |
| I        | 10          | 36        | 20       | 72        |
| II       | 7           | 25.2      | 14       | 50.4      |
| III      | 4           | 14.4      | 8        | 28.8      |
| IV       | -           | -         | 5.4      | 19.8      |



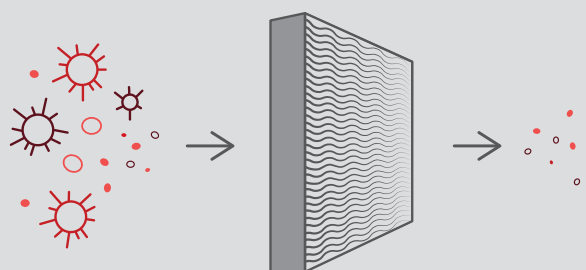
# Filtration

Eurotherm air handling systems ensure fresh, healthy air through the presence of on-board filters. Filters block and stop pollutants that are suspended in outdoor and indoor air. Indeed, their purpose is to protect people from exposure to pollutants but also to protect the air handling systems themselves, ensuring durable performance and machine efficiency. Since July 2018, a **new classification (UNI EN ISO 16890)** has been in effect, which defines the efficiency of filters according to the size of  $PM_{1}$ ,  $PM_{2.5}$  and  $PM_{10}$  particulate matter that is blocked. This new classification has the advantage of offering a single standard that is valid worldwide and enables comparison of filter performance with an unambiguous classification.

Eurotherm air handling machines are equipped with **ISO ePM<sub>10</sub> 50%** filters that correspond to M5 filters according to the outdated classification (EN 779).



Filtration of the most dangerous particles for human health, namely the finest  $PM_{1}$  and  $PM_{2.5}$ , is possible with a high-performance filter, ISO ePM<sub>1</sub> 55%. Depending on the air handling machine version, the filter can be contained in a specific filter box or housed directly inside the machine.



Want to find out how a filter wears out and how it traps particulate matter in the air? Scan the QR code with your smartphone and watch the video.

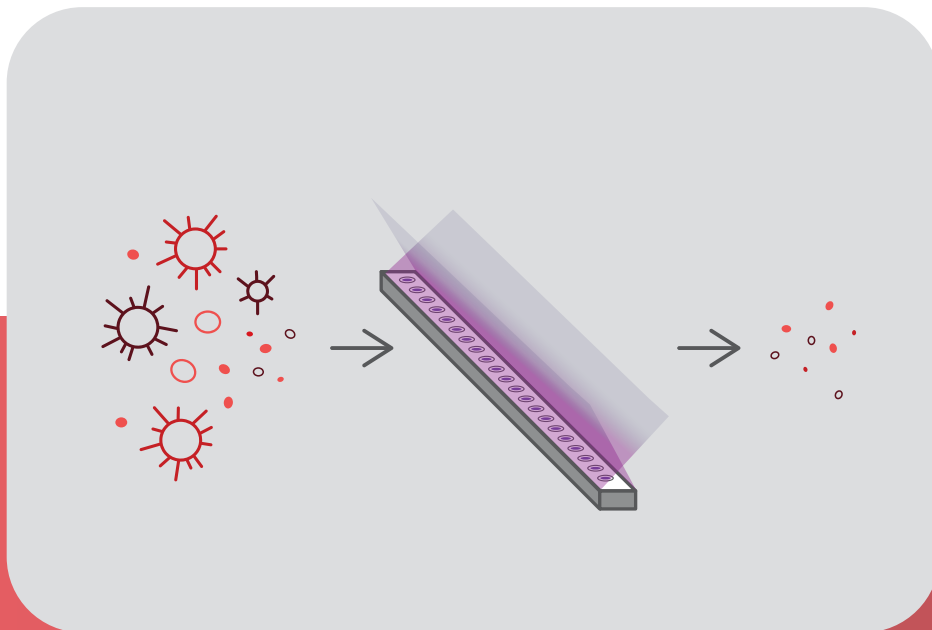
## Sanitisation

Sanitising indoor air involves reducing the presence of pathogens, such as viruses, fungi and bacteria, to help ensure the air is healthy and of a high quality.

Some Eurotherm ducted air handling units incorporate a UV LED lamp to achieve this. This lamp emits a **beam of ultraviolet light that irradiates the interior of the unit** and the airflow passing through it, effectively killing germs. Exposure to UV radiation induces oxidation-reduction reactions in microorganisms, compromising their molecular structure and rendering them inactive.

This prevents their proliferation. UV LED technology ensures low energy consumption and a long operating life, maintaining high performance over time. The lamp is automatically activated together with the fan during normal operation of the unit.

Through the SmartComfort 365 control system, users can also programme **customisable ventilation cycles** with sanitisation.





## In short: Why change filters?

### **Health and air quality**

Clean filters ensure healthier, dust- and impurity-free air. When filters become dirty, air passes through them with greater difficulty, or even escapes filtration altogether, thereby reducing the quality of the air you breathe.

### **Performance and comfort**

Clogged filters mean less fresh air and less dehumidification. Fans have to work harder, which increases noise and reduces comfort. If humidity rises too high, cooling may also be limited to prevent condensation.

### **Savings and system life**

Dirty filters consume more energy, putting strain on fans and compressors and reducing their useful life. A clean filter helps keep energy costs down and prevents breakdowns.

Clearly, changing filters regularly is not just a simple maintenance task, but a fundamental action to ensure the system functions properly, protect your health, and keep energy and repair costs down. It's a small gesture that makes a big difference, both now and in the long term.

## System maintenance and cleaning

Regular maintenance of air treatment systems ensures they function correctly, maintain a high level of indoor air quality and operate efficiently. The frequency of filter replacement depends on the degree of local pollution and the operating conditions of the air treatment units. The indicative time interval is 3–6 months.

The Eurotherm SmartComfort 365 control system provides updates on the remaining hours before filter replacement is required and signals when replacement is necessary via a dedicated alarm.

Would you like to ensure that the filters are replaced properly without having to worry about disposing of them? Would you like to ensure the correct functioning and maximum efficiency of your air handling unit? **Contact us to request specific services to meet these needs.**



## The smart regulation of the air treatment system

The radiant smart is an intelligent and complete system that consists of the integration of air treatment machines with a single regulation that manages the two systems in a smart way.

The Eurotherm air treatment machines are therefore prepared to be managed by means of the SmartComfort 365 regulation perfect integration with the machines, in the cooling function, it maintains the controlled humidity threshold functional to the proper operation of the radiant system and at the same time allows a proper exchange of air in the room.

With the SmartComfort 365 control, it is also possible to control, through programming:

- Machine speed (up to 3 levels)
- Room temperature (summer and winter integration)
- Outdoor air renewal (VMC) via weekly programming
- Activation of Sanitisation cycles



## Deuclima-VMC and VMC

| PRODUCT            | PAGE | RENEWAL WITH RECUPERAT. | FREE COOLING | SUMMER DEHUMIDIFICAT. | SUMMER INTEGRATION | WINTER INTEGRATION | INSTALLATION | DIMENSIONS       | WEIGHT | ENERGY CLASS | NOMINAL AIR FLOW RATE | AIR FLOW RATE RENEWAL | CONDENSED MOISTURE* | SENSIBLE POWER IN COLD* | SOUND POWER LEVEL | ELECTRICAL POWER MAXIMUM ABSORBED | ELECTRICAL POWER ABSORBED IN RENEWAL |
|--------------------|------|-------------------------|--------------|-----------------------|--------------------|--------------------|--------------|------------------|--------|--------------|-----------------------|-----------------------|---------------------|-------------------------|-------------------|-----------------------------------|--------------------------------------|
|                    |      |                         |              |                       |                    |                    |              | mm               | kg     |              | m³/h                  | m³/h                  | L/g                 | W                       | dB (A)            | W                                 | W                                    |
| DEUCLIMA-VMC 300 S | 14   |                         |              |                       |                    |                    | ceiling      | 1205 x 798 x 244 | 61     | A            | 300                   | 75-200                | 26                  | 620                     | 44                | 360                               | 88                                   |
| DEUCLIMA-VMC 300 V | 16   |                         |              |                       |                    |                    | wall         | 1392 x 700 x 343 | 71     | A            | 300                   | 100-250               | 36                  | 920                     | 44                | 590                               | 98                                   |
| DEUCLIMA-VMC 500 S | 18   |                         |              |                       |                    |                    | ceiling      | 1255 x 831 x 294 | 78     | A            | 500                   | 100-250               | 48                  | 1550                    | 49                | 490                               | 130                                  |
| DEUCLIMA-VMC 500 V | 20   |                         |              |                       |                    |                    | wall         | 1697 x 700 x 421 | 89     | A            | 500                   | 100-350               | 48                  | 1500                    | 46                | 590                               | 190                                  |
| VMC 170 SV PRO     | 26   |                         |              |                       |                    |                    | ceiling wall | 972 x 655 x 240  | 12     | A            | 170                   | 50-170                |                     |                         | 51                | 136                               | 58                                   |
| VMC 260 SV PRO     | 27   |                         |              |                       |                    |                    | ceiling wall | 972 x 655 x 300  | 17     | A            | 260                   | 100-260               |                     |                         | 55                | 172                               | 95                                   |

## DCR solutions for the tertiary sector

| PRODUCT  | PAGE | RENEWAL WITH RECUPERAT. | FREE COOLING | SUMMER DEHUMIDIFIC. | SUMMER INTEGRATION | WINTER INTEGRATION | INSTALLATION | DIMENSIONS        | WEIGHT | NOMINAL AIR FLOW RATE | AIR FLOW RATE RENEWAL | CONDENSED MOISTURE* | SENSIBLE POWER IN COLD* | ELECTRICAL POWER MAXIMUM ABSORBED | ELECTRICAL POWER ABSORBED IN RENEWAL |
|----------|------|-------------------------|--------------|---------------------|--------------------|--------------------|--------------|-------------------|--------|-----------------------|-----------------------|---------------------|-------------------------|-----------------------------------|--------------------------------------|
|          |      |                         |              |                     |                    |                    |              | mm                | kg     | m³/h                  | m³/h                  | L/g                 | W                       | dB (A)                            | W                                    |
| DCR 1000 | 22   |                         |              |                     |                    |                    | ceiling      | 1097 x 1414 x 351 | 146    | 1000                  | 500-1400              | 122                 | 3000                    | 54                                | 2500                                 |
| DCR 2000 | 24   |                         |              |                     |                    |                    | ceiling      | 1828 x 1443 x 482 | 225    | 2000                  | 1000-2400             | 261                 | 6500                    | 67                                | 4600                                 |

## Dehumidifiers and deuclimatiseurs

| PRODUCT                   | PAGE | SUMMER DEHUMIDIFIC. | SUMMER INTEGRATION | WINTER INTEGRATION | INSTALLATION | DIMENSIONS      | PESO | NOMINAL AIR FLOW RATE | CONDENSED MOISTURE* | SENSIBLE POWER IN COLD* | ELECTRICAL POWER MAXIMUM ABSORBED | ELECTRICAL POWER ABSORBED IN RENEWAL |
|---------------------------|------|---------------------|--------------------|--------------------|--------------|-----------------|------|-----------------------|---------------------|-------------------------|-----------------------------------|--------------------------------------|
|                           |      |                     |                    |                    |              | mm              | kg   | m³/h                  | L/g                 | W                       | dB (A)                            | W                                    |
| DEHUMIDIFIER 300 D        | 30   |                     |                    |                    | ceiling      | 665 x 535 x 233 | 39   | 300                   | 27                  |                         | 33                                | 460                                  |
| DEHUMIDIFIER 500 D        | 31   |                     |                    |                    | ceiling      | 844 x 607 x 294 | 55   | 500                   | 42                  |                         | 40                                | 750                                  |
| DEHUMIDIFIER 120 D-WALL   | 32   |                     |                    |                    | built-in     | 622 x 402 x 203 | 24   | 120                   | 9.4                 |                         | 33                                | 300                                  |
| DEHUMIDIFIER 240 D-WALL   | 33   |                     |                    |                    | built-in     | 733 x 715 x 208 | 43   | 240                   | 25                  |                         | 34                                | 460                                  |
| AIRCLIMA COMPACT          | 29   |                     |                    |                    | ceiling      | 688 x 526 x 195 | 26   | 150                   | 18                  | 470                     | 35                                | 250                                  |
| DEUCLIMATISER 300 DC      | 34   |                     |                    |                    | ceiling      | 665 x 535 x 233 | 47   | 300                   | 28                  | 940                     | 33                                | 460                                  |
| DEUCLIMATISER 500 DC      | 35   |                     |                    |                    | ceiling      | 844 x 607 x 294 | 57   | 500                   | 42                  | 1900                    | 40                                | 750                                  |
| DEUCLIMATISER 240 DC-WALL | 36   |                     |                    |                    | built-in     | 732 x 717 x 208 | 43   | 300                   | 24                  | 940                     | 34                                | 460                                  |



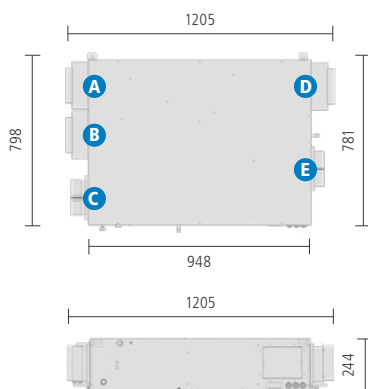
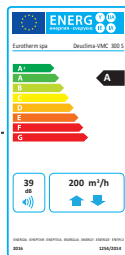
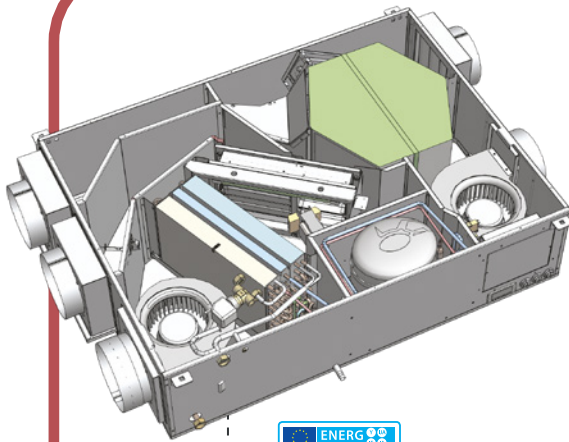
● air renewal

● free cooling

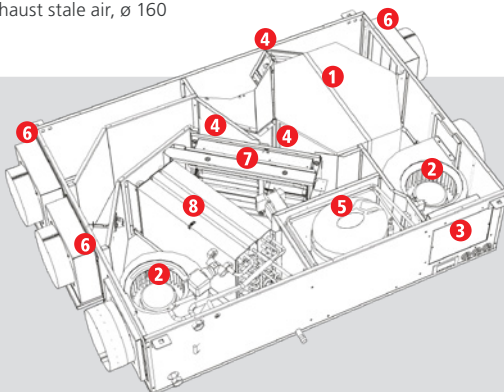
● dehumidification

● cooling

● heating



- A. Dirty room extraction,  $\varnothing$  160
- B. Clean room intake,  $\varnothing$  160
- C. Treated air intake,  $\varnothing$  160
- D. Outside air intake,  $\varnothing$  160
- E. Exhaust stale air,  $\varnothing$  160



- 1. Heat recovery
- 2. Fans
- 3. Electric box
- 4. Dampers
- 5. Compressor
- 6. Filters
- 7. UV lamp
- 8. Water coil, evaporator and condenser

## Deuclima-VMC 300 S

Art. 7410010103

- High-pressure, constant-flow EC fans and high-efficiency heat recovery unit. Energy class: A.
- Indoor air renewal and dehumidification. Possibility of winter or summer thermal integration.
- Unit capable of exchanging outdoor air and/or recirculating indoor air.
- 50% ePM<sub>10</sub> filters in intake, recirculation and extraction included. Sanitisation with UV lamp.

Five-way mechanical ventilation and air handling unit for indoor false ceiling applications capable of optimising comfort in rooms equipped with radiant systems. The unit can exchange air with the outside and/or recirculate indoor air to maximise the effectiveness of the following functions: renewal, dehumidification, integration in cooling or heating, and Sanitisation with automatic activation of "free heating/cooling" modes. The unit has a high-efficiency dual-flow recuperator, a motorised indoor damper system for airflow management, and two EC fans with high head and constant air flow rates. Dehumidification is via a dedicated refrigeration cycle with a high-efficiency compressor, a hydronic pre-treatment coil, and valves for water flow management. High surface area filters ePM<sub>10</sub> 50% allow for high levels of mechanical air filtration, and their installation is such that they can be easily inspected and removed for maintenance. The unit is equipped as standard with an ultraviolet germicidal lamp with high effectiveness against: mold, bacteria, germs and viruses. A CO<sub>2</sub> probe (optional) is available.



Apartments up to 110 m<sup>2</sup>

Condensation (recirculation) capacity: 26 L/g

Sensible power in cold: 620 W

Nominal treated air flow rate: 300 m<sup>3</sup>/h

Max 200 m<sup>3</sup>/h outside air



**SANITISING  
UV LAMP  
AS STANDARD**



**3 FILTERS  
ePM<sub>10</sub> 50%**

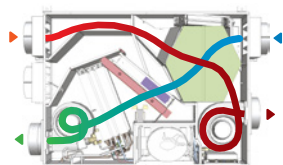


**AIRCLIMA AIR DISTRIBUTION  
EUROTHERM AVAILABLE**

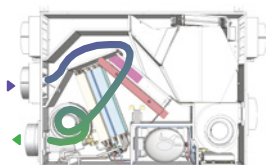
## Housing distribution and air flows of the system



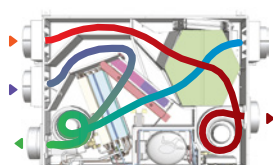
Air exchange flow



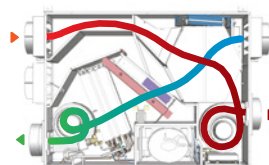
Recirculation flow and air treatment



Recirculation flow, exchange and air treatment



Flow free cooling



## Accessories and spare parts



### Siphon

Siphon for condensate drain\*

7910080907



### Probe

CO<sub>2</sub> probe

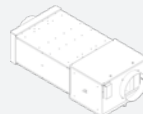
7910080906



### Filter box

ePM<sub>1</sub> 55% + UV lamp

7910080960



### Silencer

Silencer, filter box + UV lamp

7910080980

\* 2 siphons required



### Siphon

Built-in siphon for condensate drainage

7910081907



### Filter set

Spare filter set ePM<sub>1,0</sub> 50%

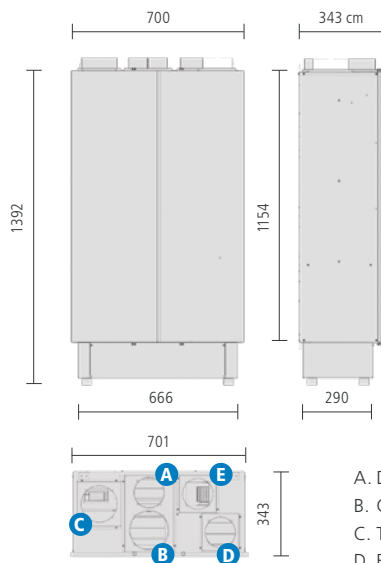
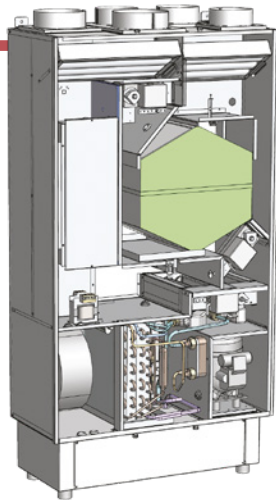
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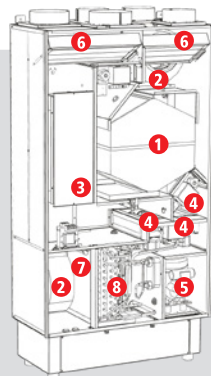
### Filter

Replacement filter box ePM<sub>1</sub> 55%

7910080929



- A. Dirty room extraction, ø 125
- B. Clean room intake, ø 160
- C. Treated air intake, ø 160
- D. Fresh air intake, ø 125
- E. Exhaust stale air, ø 125



- 1. Heat recovery
- 2. Fans
- 3. Electric box
- 4. Dampers
- 5. Compressor
- 6. Filters
- 7. UV lamp
- 8. Water coil, evaporator and condenser

## Deuclima-VMC 300 V

Art. 7510010101

- High-pressure, constant-flow EC fans and high-efficiency heat recovery unit. Energy class: A.
- Indoor air renewal and dehumidification. Possibility of winter or summer thermal integration.
- Unit capable of exchanging outdoor air and/or recirculating indoor air.
- 50% ePM<sub>10</sub> filters in intake, recirculation and extraction included. Sanitisation with UV lamp.

Five-way mechanical ventilation and air handling unit for indoor wall-mounted applications that can optimise comfort in rooms equipped with radiant systems. The unit can exchange air with the outside and/or recirculate indoor air to maximise the effectiveness of the following functions: renewal, dehumidification, integration in cooling or heating, and Sanitisation with automatic activation of "free heating/cooling" modes. The unit has a high-efficiency dual-flow recuperator, a motorised indoor damper system for airflow management, and two EC fans with high head and constant air flow rates. Dehumidification is via a dedicated refrigeration cycle with a high-efficiency compressor, a hydronic pre-treatment coil, and valves for water flow management. High surface area filters ePM<sub>10</sub> 50% allow for high levels of mechanical air filtration, and their installation is such that they can be easily inspected and removed for maintenance. The unit is equipped as standard with an ultraviolet germicidal lamp with high effectiveness against: mold, bacteria, germs and viruses. A CO<sub>2</sub> probe (optional) is available.



Apartments up to 110 m²

Condensation (recirculation) capacity: 36 L/g

Sensible power in cold: 920 W

Nominal treated air flow rate: 300 m³/h

Max 250 m³/h outside air



**SANITISING**  
UV LAMP  
AS STANDARD



**3 FILTERS**  
ePM<sub>10</sub> 50%



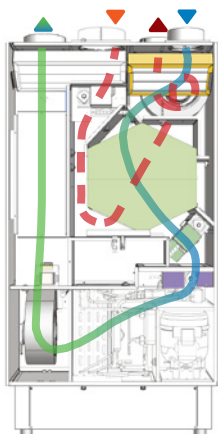
**AIRCLIMA AIR DISTRIBUTION**  
EUROTHERM AVAILABLE



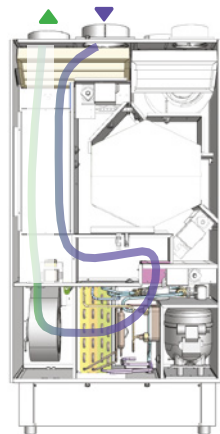
## Housing distribution and air flows of the system



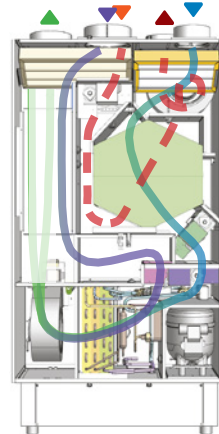
Replacement flow of air



Recirculation flow and air treatment



Recirculation flow, exchange and air treatment



Flow free cooling



## Accessories and spare parts



### Siphon

Siphon for condensate drainage

7910080907



### Probe

CO<sub>2</sub> probe

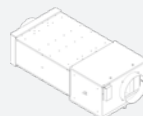
7910080906



### Filter box

ePM<sub>1</sub> 55% + UV lamp

7910080960



### Silencer

Silencer, filter box + UV lamp

7910080980



### Filter set

Spare filter set ePM<sub>10</sub> 50%

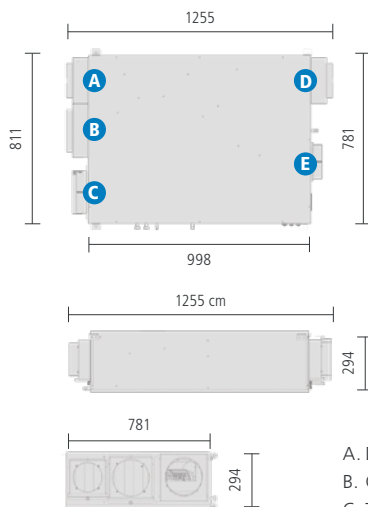
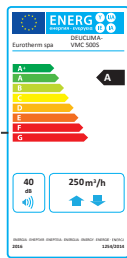
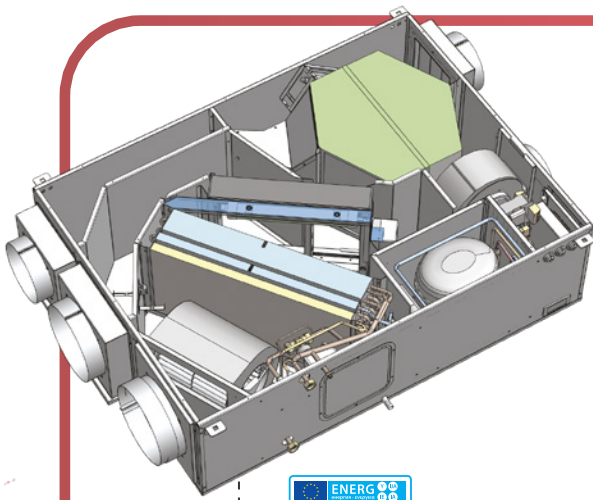
7910081935



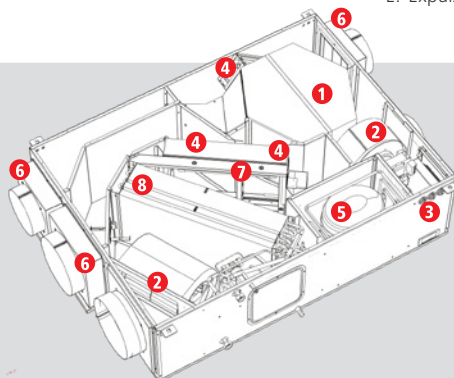
### Filter

Replacement filter box ePM<sub>1</sub> 55%

7910080929



- A. Dirty room extraction,  $\varnothing$  160
- B. Clean room extraction,  $\varnothing$  200
- C. Treated air intake,  $\varnothing$  200
- D. External air extraction,  $\varnothing$  160
- E. Expulsion of stale air,  $\varnothing$  160



- 1. Heat recovery
- 2. Fans
- 3. Electric box
- 4. Dampers
- 5. Compressor
- 6. Filters
- 7. UV lamp
- 8. Water coil, evaporator and condenser

## Deuclima-VMC 500 S

Art. 7410010105

- High-pressure, constant-flow EC fans and high-efficiency heat recovery unit. Energy class: A.
- Indoor air renewal and dehumidification. Possibility of winter or summer thermal integration.
- Unit capable of exchanging outdoor air and/or recirculating indoor air.
- 50% ePM<sub>10</sub> filters in intake, recirculation and extraction included. Sanitisation with UV lamp.

Five-way mechanical ventilation and air handling unit for indoor false ceiling applications capable of optimising comfort in rooms equipped with radiant systems. The unit can exchange air with the outside and/or recirculate indoor air to maximise the effectiveness of the following functions: renewal, dehumidification, integration in cooling or heating, and Sanitisation with automatic activation of "free heating/cooling" modes. The unit has a high-efficiency dual-flow recuperator, a motorised indoor damper system for airflow management, and two EC fans with high head and constant air flow rates. Dehumidification is via a dedicated refrigeration cycle with a high-efficiency compressor, a hydronic pre-treatment coil, and valves for water flow management. High surface area filters ePM<sub>10</sub> 50% enable high levels of mechanical air filtration, and their installation is such that they can be easily inspected and extracted for maintenance. The unit is equipped as standard with an ultraviolet germicidal lamp with high effectiveness against: mold, bacteria, germs and viruses. A CO<sub>2</sub> probe (optional) is available.



Apartments up to 190 m²

Condensation (recirculation) capacity: 48 L/g

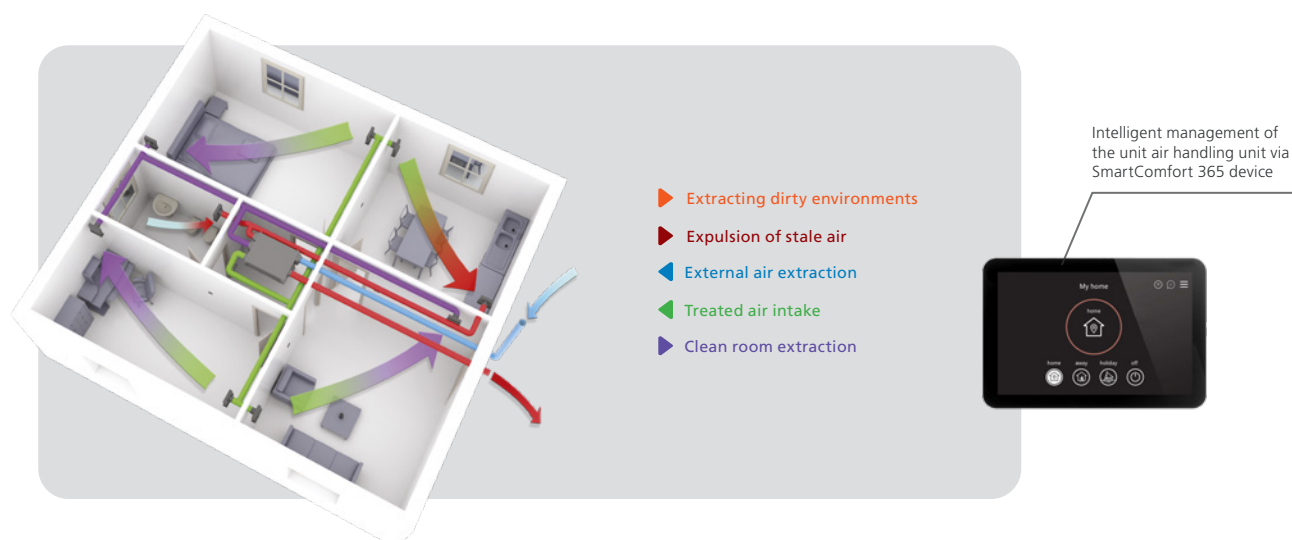
Sensible power in cold: 1550 W

Nominal treated air flow rate: 500 m³/h

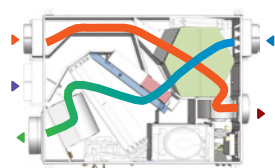
Max 250 m³/h outside air



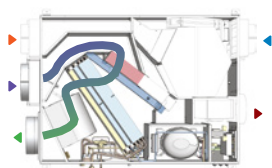
## Housing distribution and air flows of the system



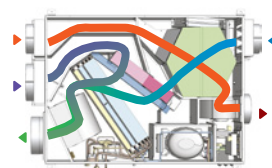
Air exchange flow



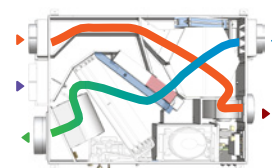
Recirculation flow and air treatment



Recirculation flow, exchange and air treatment



Flow free cooling



## Accessories and spare parts



### Siphon

Siphon for condensate drain\*

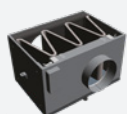
7910080907



### Probe

CO<sub>2</sub> probe

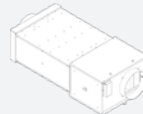
7910080906



### Filter box

ePM<sub>1</sub> 55% + UV lamp

7910080970



### Silencer

Silencer, filter box + UV lamp

7910080980

\* 2 siphons required



### Siphon

Built-in siphon for condensate drainage

7910081907



### Filter set

Spare filter set ePM<sub>10</sub> 50%

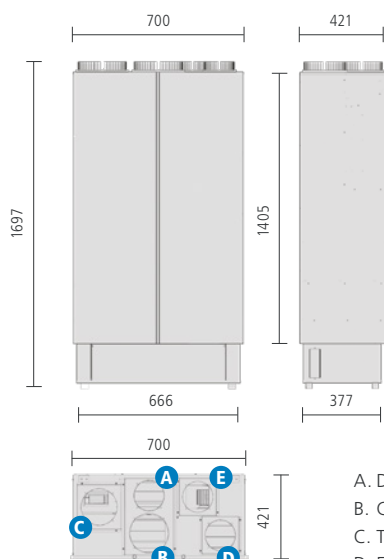
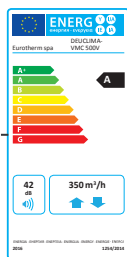
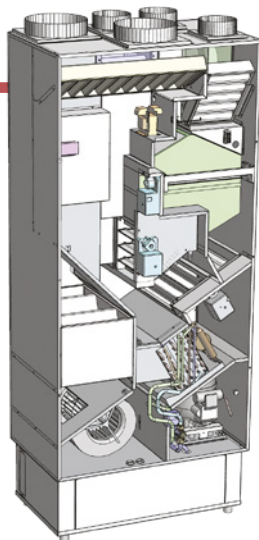
7910081939



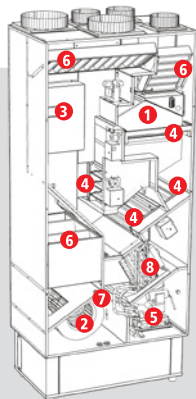
### Filter

Replacement filter box ePM<sub>1</sub> 55%

7910080929



- A. Dirty room extraction,  $\varnothing$  125
- B. Clean room extraction,  $\varnothing$  200
- C. Treated air intake,  $\varnothing$  200
- D. External air extraction,  $\varnothing$  160
- E. Expulsion of stale air,  $\varnothing$  160



- 1. Heat recovery
- 2. Fans
- 3. Electric box
- 4. Dampers
- 5. Compressor

- 6. Filters
- 7. UV lamp
- 8. Water coil, evaporator and condenser

## Deuclima-VMC 500 V

Art. 7510010102

- High-pressure, constant-flow EC fans and high-efficiency heat recovery unit. Energy class: A.
- Indoor air renewal and dehumidification. Possibility of winter or summer thermal integration.
- Unit capable of exchanging outdoor air and/or recirculating indoor air.
- 50% ePM<sub>10</sub> filters in intake, recirculation and extraction included. Sanitisation with UV lamp

Five-way mechanical ventilation and air handling unit for indoor wall-mounted applications that can optimise comfort in rooms equipped with radiant systems. The unit can exchange air with the outside and/or recirculate indoor air to maximise the effectiveness of the following functions: renewal, dehumidification, integration in cooling or heating, and Sanitisation with automatic activation of "free heating/cooling" modes. The unit has a high-efficiency dual-flow recuperator, a motorised indoor damper system for airflow management, and two EC fans with high head and constant air flow rates. Dehumidification is via a dedicated refrigeration cycle with a high-efficiency compressor, a hydronic pre-treatment coil, and valves for water flow management. High surface area filters ePM<sub>10</sub> 50% enable high levels of mechanical air filtration, and their installation is such that they can be easily inspected and extracted for maintenance. The unit is equipped as standard with an ultraviolet germicidal lamp with high effectiveness against: mold, bacteria, germs and viruses. A CO<sub>2</sub> probe (optional) is available.



Apartments up to 190 m<sup>2</sup>

Condensation (recirculation) capacity: 48 L/g

Sensible power in cold: 1500 W

Max 300 m<sup>3</sup>/h outside air

Nominal treated air flow rate: 500 m<sup>3</sup>/h



**SANITISING**  
UV LAMP  
AS STANDARD



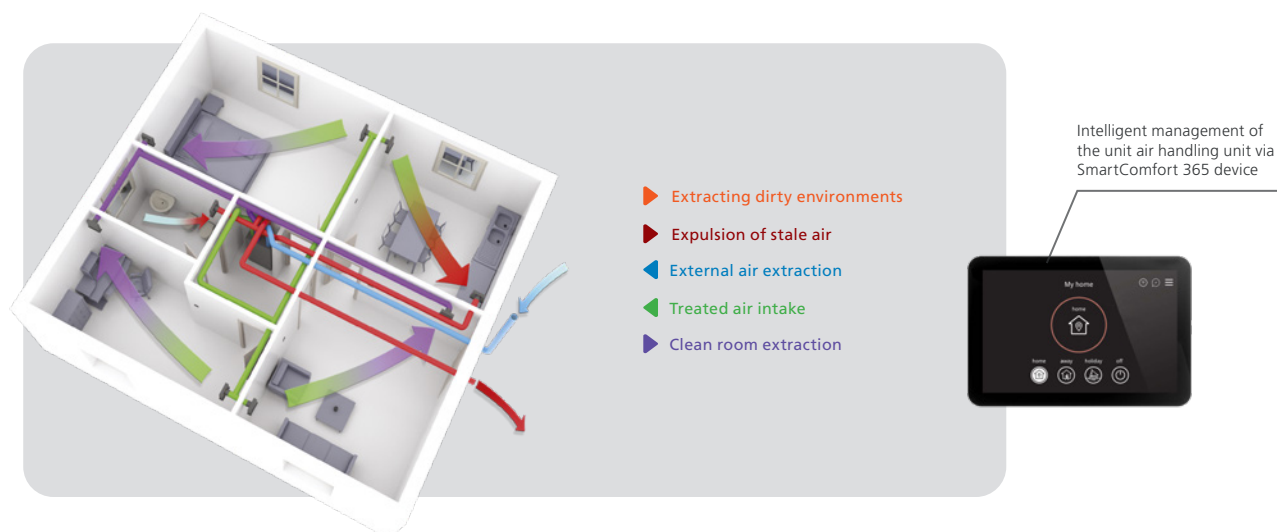
**3 FILTERS**  
ePM<sub>10</sub> 50%



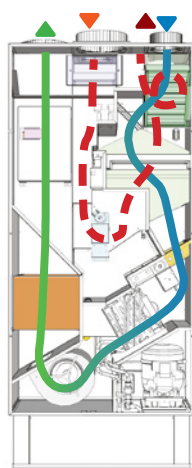
**AIRCLIMA AIR DISTRIBUTION**  
EUROTHERM AVAILABLE



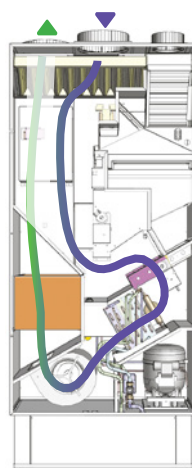
## Housing distribution and air flows of the system



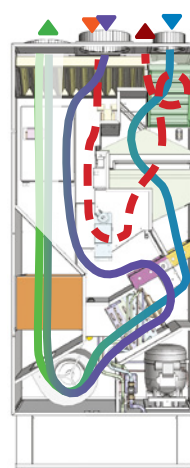
Replacement flow of air



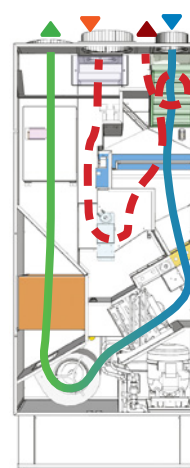
Recirculation flow and air treatment



Recirculation flow, exchange and air treatment



Flow free cooling



## Accessories and spare parts



### Siphon

Siphon for condensate drain\*

7910080907



### Siphon

Built-in siphon for condensate drainage

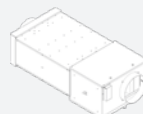
7910081907



### Probe

CO<sub>2</sub> probe

7910080906



### Silencer

Silencer, filter box + UV lamp

7910080980



### Filter set

Spare filter set ePM<sub>10</sub> 50%

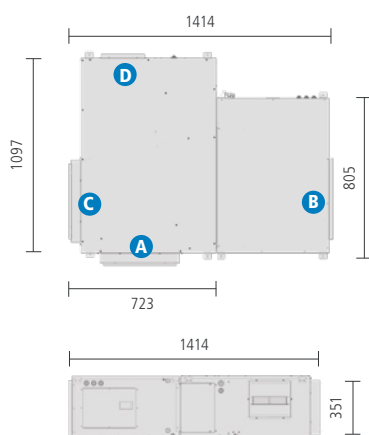
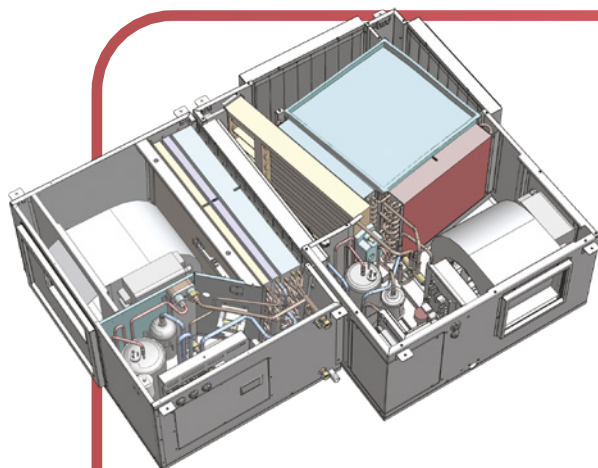
7910081922



### Filter

Replacement filter box ePM<sub>1</sub> 55%

7910080929



- A. Clean room extraction  
 B. Treated air intake  
 C. External air extraction  
 D. Expulsion of stale air

## DCR 1000

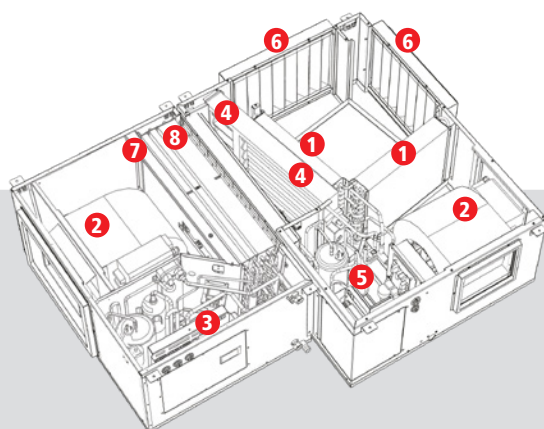
Art. 7110011001

- Passive heat recovery unit and active heat pump heat recovery unit for high performance.
- Indoor air renewal and dehumidification. Possibility of winter or summer thermal integration.
- Unit capable of exchanging outdoor air and/or recirculating indoor air.
- 50%ePM<sub>10</sub> filters in outdoor and indoor air intake included. Sanitisation by UV lamp.

Mechanical ventilation and air handling unit for indoor false ceiling applications capable of optimising comfort in tertiary environments equipped with radiant systems. The unit consists of the combination of a heat pump recuperator module (REC) and a dehumidification module (DC) that in combination manage the following modes of operation: renewal, dehumidification, integration in cooling or heating, and Sanitisation with automatic activation of "free heating / cooling" modes. The unit is able to exchange air with the outside and/or recirculate indoor air thanks to a system of motorised internal dampers and two EC fans with high head and constant flow rate.

The presence of a passive cross-flow recuperator and an active heat pump recuperator allows for excellent heat recovery performance.

Dehumidification is via a dedicated refrigeration cycle with a high-efficiency compressor, a hydronic pre-treatment coil, and valves for water flow management. High surface area filters ePM<sub>10</sub> 50% enable high levels of mechanical air filtration, and their installation is such that they can be easily inspected and extracted for maintenance. The unit comes standard with an ultraviolet germicidal lamp with high effectiveness against: mold, bacteria, germs and viruses.



- |                  |                 |   |
|------------------|-----------------|---|
| 1. Heat recovery | 3. Electric box | 6. Filters                              |
| 2. Fans          | 4. Dampers      | 7. UV lamp                              |
|                  | 5. Compressor   | 8. Water coil, evaporator and condenser |



Nominal air flow rate: 1.000 m<sup>3</sup>/h

External air flow rate: 500-1.400 m<sup>3</sup>/h

Condensation (recirculation) capacity: 122 L/g

Water inlet range: 12 °C – 18 °C

Sensible power in cold: 3.000 W

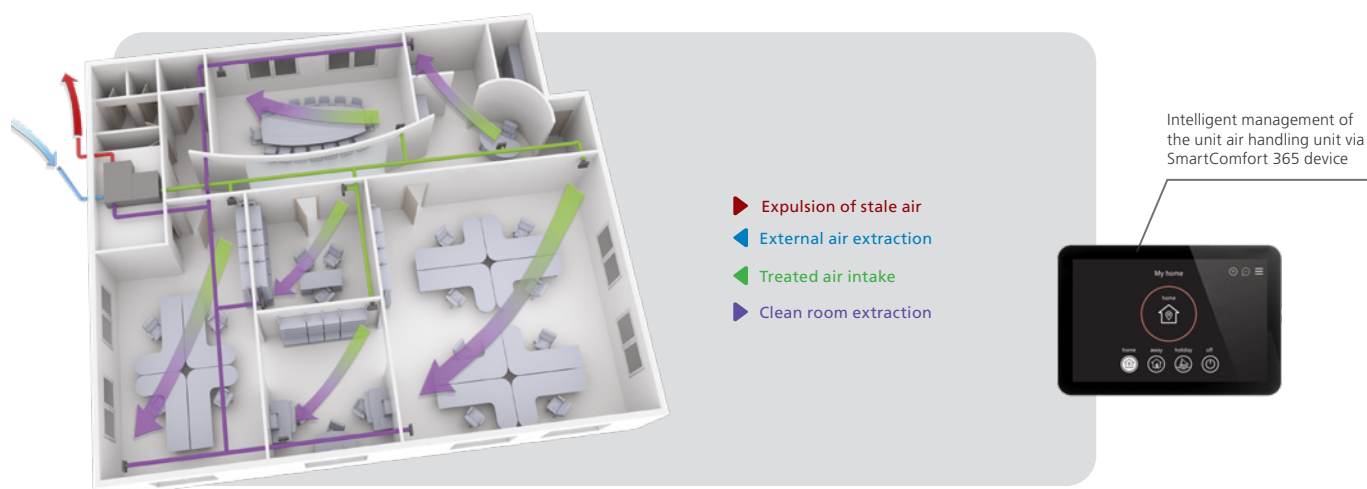


**SANITISING  
UV LAMP  
AS STANDARD**

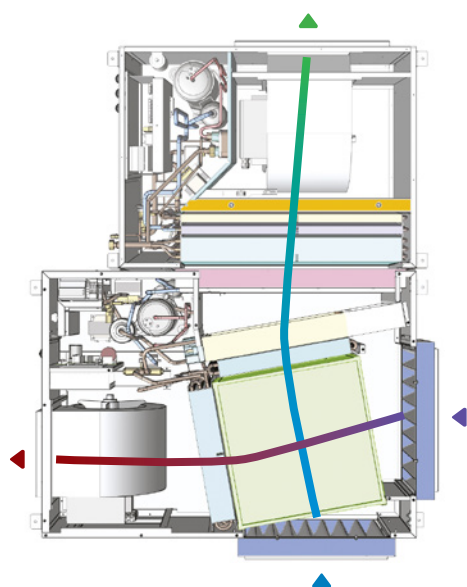


**2 FILTERS  
ePM<sub>10</sub> 50%**

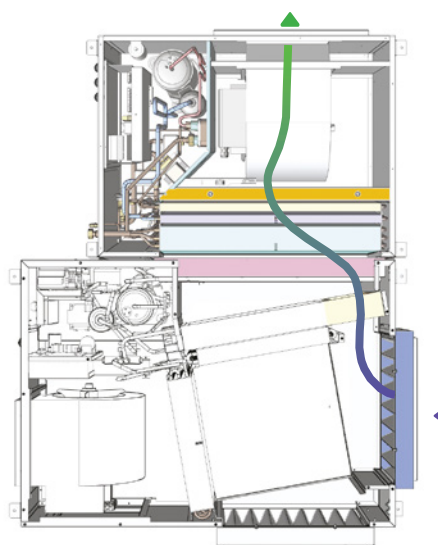
## Housing distribution and air flows of the system



Recirculation flow, exchange and air treatment



Recirculation flow and air treatment



## Accessories and spare parts



### Siphon

Siphon for condensate drain\*

7910080907



### Silencer

Silencer

7910090901

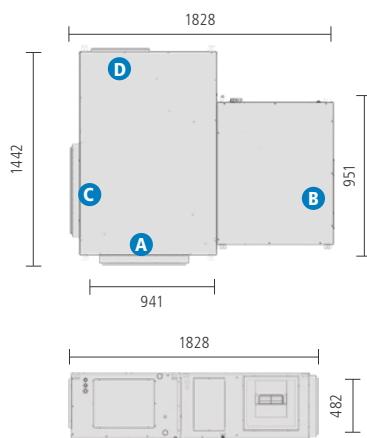
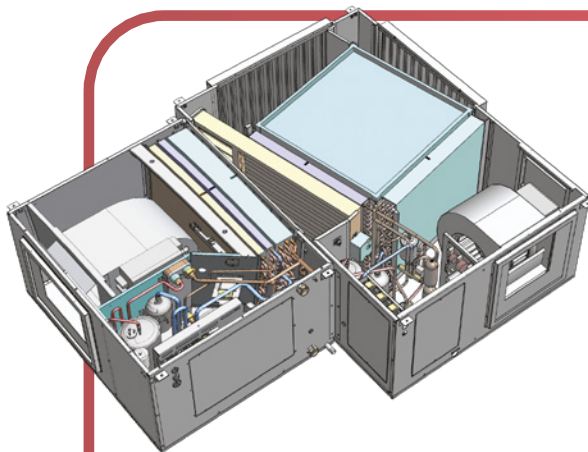


### Filter set

Spare filter set ePM<sub>10</sub> 50%

7910081931

\* 2 siphons required



- A. Clean room extraction  
B. Treated air intake  
C. External air extraction  
D. Expulsion of stale air

## DCR 2000

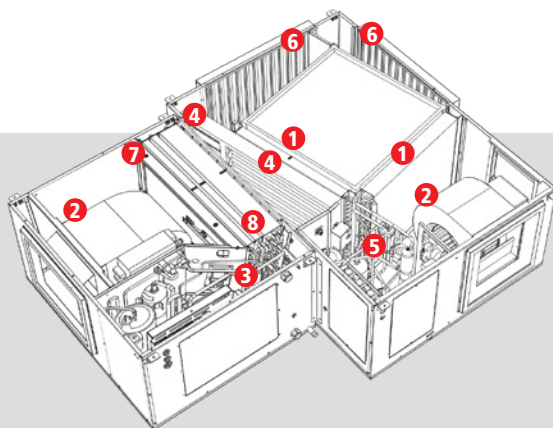
Art. 7110011002

- Passive heat recovery unit and active heat pump heat recovery unit for high performance.
- Indoor air renewal and dehumidification. Possibility of winter or summer thermal integration.
- Unit capable of exchanging outdoor air and/or recirculating indoor air.
- 50% ePM<sub>10</sub> filters in outdoor and indoor air intake included. Sanitisation by UV lamp.

Mechanical ventilation and air handling unit for indoor false ceiling applications capable of optimising comfort in tertiary environments equipped with radiant systems. The unit consists of the combination of a heat pump recuperator module (REC) and a dehumidification module (DC) that in combination manage the following modes of operation: renewal, dehumidification, integration in cooling or heating, and Sanitisation with automatic activation of "free heating / cooling" modes. The unit is able to exchange air with the outside and/or recirculate indoor air thanks to a system of motorised internal dampers and two EC fans with high head and constant flow rate.

The presence of a passive cross-flow recuperator and an active heat pump recuperator allows for excellent heat recovery performance.

Dehumidification is via a dedicated refrigeration cycle with a high-efficiency compressor, a hydronic pre-treatment coil, and valves for water flow management. High surface area filters ePM<sub>10</sub> 50% enable high levels of mechanical air filtration, and their installation is such that they can be easily inspected and extracted for maintenance. The unit comes standard with an ultraviolet germicidal lamp with high effectiveness against: mold, bacteria, germs and viruses.



- |                  |                 |   |
|------------------|-----------------|---|
| 1. Heat recovery | 3. Electric box | 6. Filters                              |
| 2. Fans          | 4. Dampers      | 7. UV lamp                              |
|                  | 5. Compressor   | 8. Water coil, evaporator and condenser |



Nominal air flow rate: 2.000 m<sup>3</sup>/h

External air flow rate: 1000-2.400 m<sup>3</sup>/h

Condensation (recirculation) capacity: 261 L/g

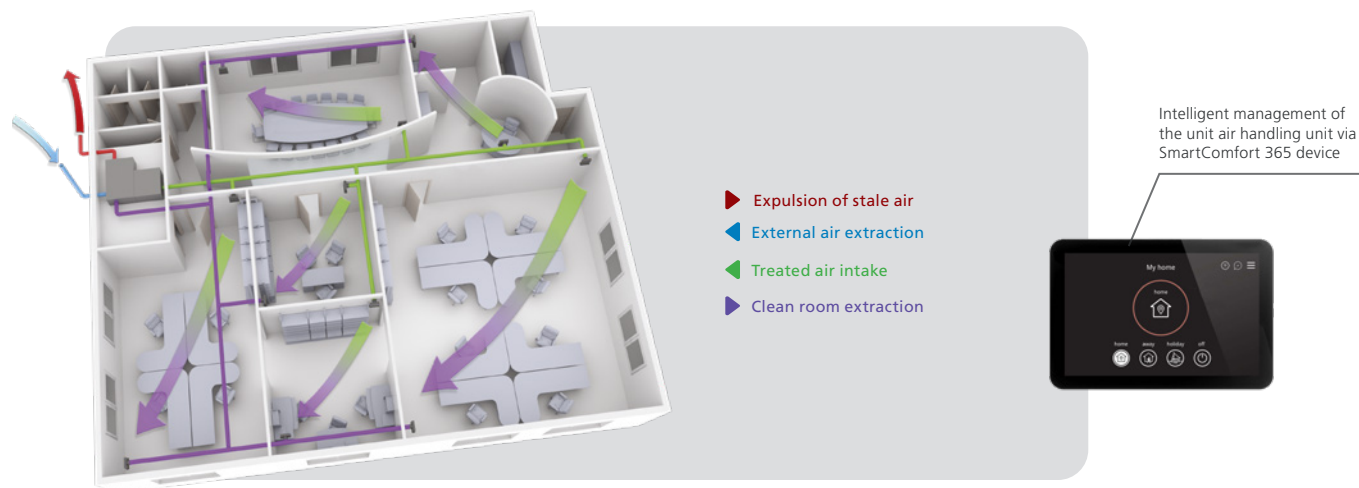
Water inlet range: 12 °C – 18 °C

Sensible power in cold: 6.500 W

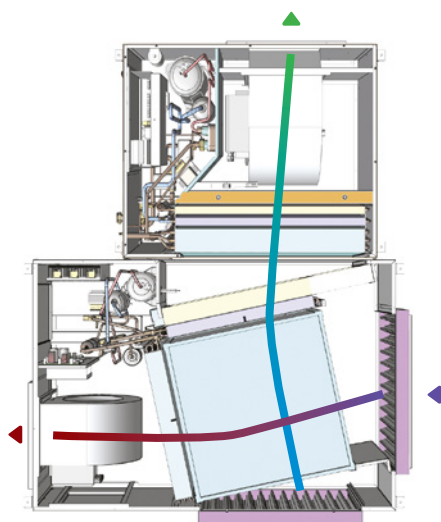




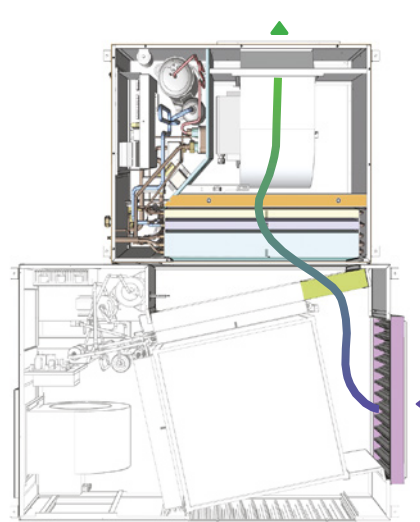
## Housing distribution and air flows of the system



Recirculation flow, exchange and air treatment



Recirculation flow and air treatment



## Accessories and spare parts



### Siphon

Siphon for condensate drain\*

7910080907



### Silencer

Silencer

7910090902

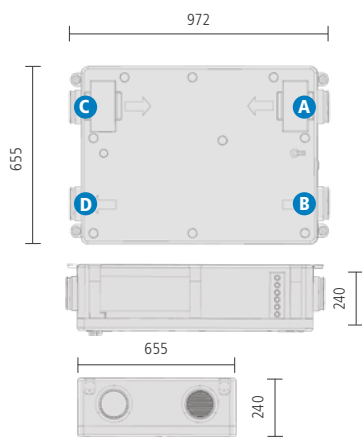
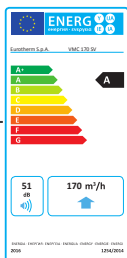
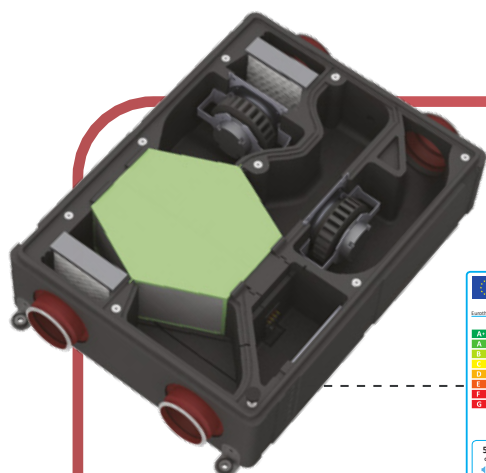


### Filter set

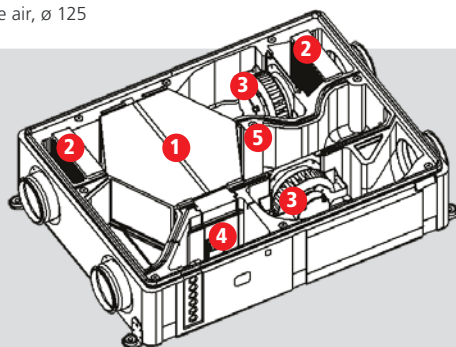
Spare filter set ePM<sub>10</sub> 50%

7910081932

\* 2 siphons required



- A. Dirty room extraction,  $\varnothing$  125
- B. Treated air intake,  $\varnothing$  125
- C. External air extraction,  $\varnothing$  125
- D. Expulsion of stale air,  $\varnothing$  125



- 1. Heat recovery
- 2. Filter
- 3. Fan
- 4. Electronic board
- 5. Bypass servo control

## VMC 170 SV PRO

Art. 7510010503

- Can be connected to SmartComfort 365 control or operated independently via PCUS display.
- Low power consumption and very high efficiency heat recovery. Energy class: A.
- Unit can be installed both vertically and horizontally.
- PCUS control system with included display for speed management and programmed ignition.
- Remarkably light and compact unit due to compact polypropylene casing.

Ductable air renewal unit for residential wall- or ceiling-mounted applications characterised by very high heat recovery efficiency, low power consumption and high aerodynamic performance. The expanded polypropylene casing ensures remarkable light weight and is shaped to optimise the aerodynamics of the air circuits inside the unit so as to minimise rustling and pressure drop. The ePM<sub>10</sub> 50% filters provide excellent air filtration and can be easily removed through dedicated flaps.

The unit is energy class A according to Reg. 1254/2014 and is capable of renewal with an outdoor air flow rate of up to 170 m³/h. 70% ePM<sub>1</sub> filters are available (optional).



Dimensions: 972 x 655 x 240 mm  
 External air flow rate: 50-170 m³/h  
 Apartments up to 120 m²  
 PCUS control system with LCD display  
 (connectable to SmartComfort 365 control)



2 FILTERS  
ePM<sub>10</sub> 50%



2 FILTERS (optional)  
ePM<sub>1</sub> 70%



AIRCLIMA AIR DISTRIBUTION  
EUROTHERM AVAILABLE

## Accessories and spare parts



### Siphon

Siphon for condensate drainage

7910080907



### Siphon

Built-in siphon for condensate drainage

7910081907



### Filter set

Filter replacement set ePM<sub>10</sub> 50%

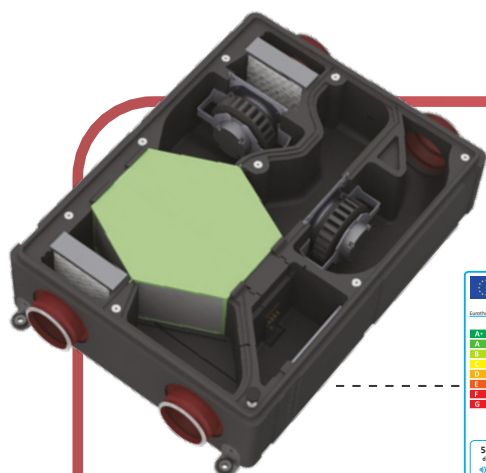
7910080305



### Filter

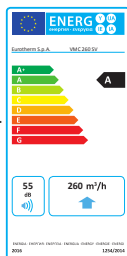
Filter replacement optional ePM<sub>1</sub> 70%

7910080303

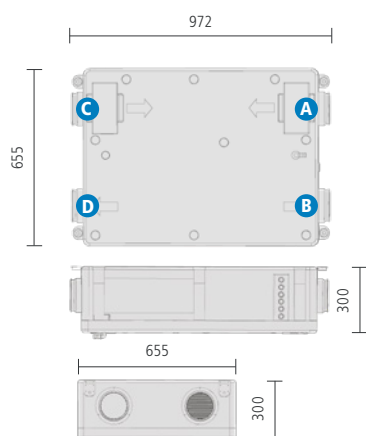


## VMC 260 SV PRO

Art. 7510010504

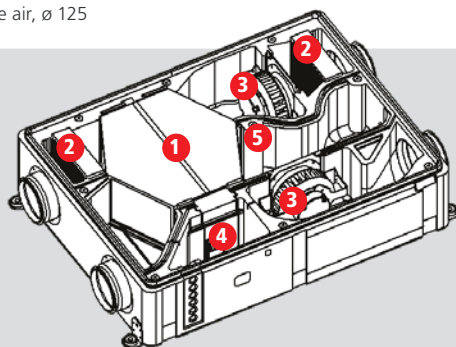


- Can be connected to SmartComfort 365 control or operated independently via PCUS display.
- Low power consumption and very high efficiency heat recovery. Energy class: A.
- Unit can be installed both vertically and horizontally.
- PCUS control system with included display for speed management and programmed ignition.
- Remarkably light and compact unit due to compact polypropylene housing.



- A. Dirty room extraction,  $\varnothing$  125  
 B. Treated air intake,  $\varnothing$  125  
 C. External air extraction,  $\varnothing$  125  
 D. Expulsion of stale air,  $\varnothing$  125

Ductable air renewal unit for residential wall- or ceiling-mounted applications characterised by very high heat recovery efficiency, low power consumption and high aerodynamic performance. The expanded polypropylene casing ensures remarkable light weight and is shaped to optimise the aerodynamics of the air circuits inside the unit so as to minimise rustling and pressure drop. The ePM<sub>10</sub> 50% filters provide excellent air filtration and can be easily removed through dedicated flaps. The unit is energy class A according to Reg. 1254/2014 and is capable of renewal with an outdoor air flow rate of up to 260 m³/h. 70% ePM<sub>1</sub> filters are available (optional).



1. Heat recovery  
 2. Filter  
 3. Fan  
 4. Electronic board  
 5. Bypass servo control



Dimensions: 972 x 655 x 300 mm  
 External air flow rate: 100-260 m³/h  
 Apartments up to 200 m²  
 PCUS control system with LCD display  
 (connectable to SmartComfort 365 control)

2 FILTERS  
 ePM<sub>10</sub> 50%

2 FILTERS (optional)  
 ePM<sub>1</sub> 70%

AIRCLIMA AIR DISTRIBUTION  
 EUROTERM AVAILABLE

## Accessories and spare parts



### Siphon

Siphon for condensate drainage

7910080907



### Siphon

Built-in siphon for condensate drainage

7910081907



### Filter set

Filter replacement set ePM<sub>10</sub> 50%

7910080306



### Filter

Filter replacement optional ePM<sub>1</sub> 70%

7910080304

# AirClima Compact

## The new dimension of air

AirClima Compact is a ceiling-mounted air handling unit for indoor applications that can optimise comfort in rooms equipped with radiant systems.

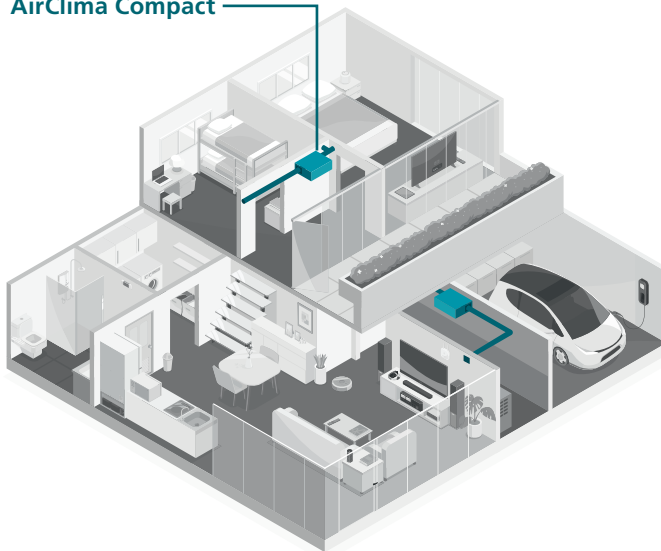
AirClima Compact was developed to be **incredibly compact and flexible**: its small size and thickness of less than 20 cm make it the right unit for **small apartments** and in any situation where space is a critical issue, such as in renovations. The innovative logic of modularity also makes it possible to **manage different floors or zones** of larger apartments separately, thus facilitating more timely control of different parts of the home.



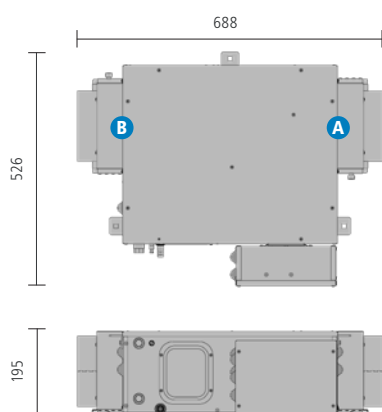
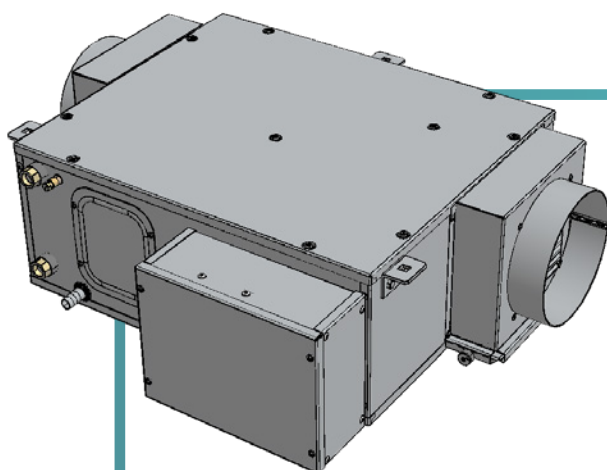
Eurotherm SmartComfort 365 and SmartOne 365 controllers can be connected to the unit to directly manage dehumidification, cooling integration, heating integration and sanitisation.

AirClima Compact enables purification of supply air thanks to two stages of filtration ePM<sub>10</sub> 50% (with the possibility of installing an optional fine filter), and a UV lamp for Sanitisation included as standard.

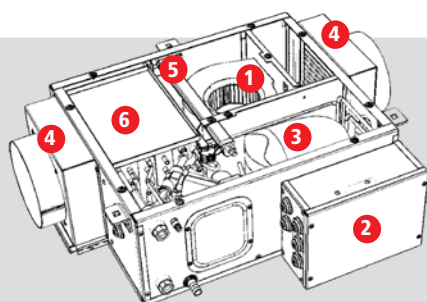
AirClima Compact







- A. Treated air intake,  $\varnothing$  160  
B. Clean room air intake,  $\varnothing$  160



1. Fan  
2. Electric box  
3. Compressor  
4. Filters  
5. UV lamp  
6. Water coil, evaporator and condenser



Nominal air flow rate: 150 m<sup>3</sup>/h

Condensation (recirculation) capacity: 18 L/g

Water inlet range: 12 °C – 18 °C

Sensible power in cold: 470 W



## Accessories and spare parts



### Siphon

Siphon for condensate drainage

7910080907



### Siphon

Built-in siphon for condensate drainage

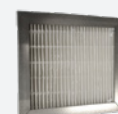
7910081907



### Filter

Replacement filter box ePM<sub>10</sub> 50%

7910090302



### Filter

Filter replacement optional ePM<sub>1</sub> 60%

7910090303

**NEW!**

## Dehumidifier 300 D

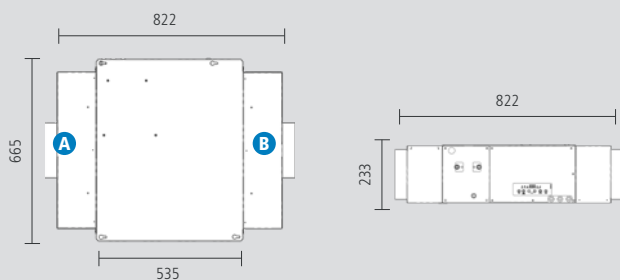
Art. 7110021093 **AVAILABLE SOON**

- Ceiling unit for summer dehumidification.
- New compact design for small spaces.
- Multi-speed EC fan and SmartComfort 365 management via Modbus RS 485.
- R290 refrigerant gas, sustainable and environmentally friendly.

The Dehumidifier 300 D is a refrigeration cycle unit designed for use with indoor false ceilings. During the summer, it dehumidifies the air and returns it to the room at a similar temperature to that at which it was extracted. The unit can also be operated in ventilation mode with sanitisation in both summer and winter. To ensure correct operation, the unit must be connected to a conditioned water circuit and a condensate drain system. The unit's main components are the refrigeration cycle, heat exchangers, and a fan that moves the airflow. The unit is equipped with an easy-to-maintain coarse filter and a low-consumption, long-life UV lamp. Thanks to optional accessories such as supply and return plenums, the unit integrates perfectly with the AirClima air distribution system. It is equipped with an integrated service display and is pre-set for advanced Eurotherm SmartComfort 365 control via Modbus or digital inputs.

- A. Treated air intake,  $\varnothing$  200\*  
B. Clean room air intake,  $\varnothing$  200\*

\*with accessory plenum



Dimensions: 535 x 665 x 233 mm

822 x 665 x 233 mm (incl. plenum)

Nominal air flow rate: 300 m<sup>3</sup>/h

Condensing capacity: 27 L/g

Water inlet range: 12 °C – 18 °C

Supply and return air plenums excluded



AIRCLIMA AIR DISTRIBUTION  
EUROTHERM AVAILABLE

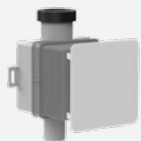
## Accessories and spare parts



### Siphon

Siphon for condensate drainage

7910080907



### Siphon

Built-in siphon for condensate drainage

7910081907



### Plenum

Plenum for 300 D

supply: 7510030105  
intake: 7510030204


**NEW!**

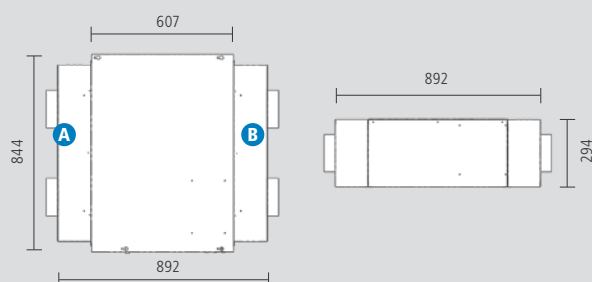
## Dehumidifier 500 D

 Art. 7110021004 **AVAILABLE SOON**

- Ceiling unit for summer dehumidification.
- New compact design for small spaces.
- Multi-speed EC fan and SmartComfort 365 management via Modbus RS 485.
- R290 refrigerant gas, sustainable and environmentally friendly.

The Dehumidifier 500 D is a refrigeration cycle unit designed for use with indoor false ceilings. During the summer, it dehumidifies the air and returns it to the room at a similar temperature to that at which it was extracted. The unit can also be operated in ventilation mode with sanitisation in both summer and winter. To operate correctly, the unit must be connected to a conditioned water circuit and a condensate drain system. The unit's main components are the refrigeration cycle, heat exchangers, and a fan that moves the airflow. The unit is equipped with an easy-to-maintain coarse filter and a low-consumption, long-life UV lamp. Thanks to optional accessories such as supply and return plenums, the unit integrates perfectly with the AirClima air distribution system. It is equipped with an integrated service display and is designed for advanced Eurotherm SmartComfort 365 control via Modbus or digital inputs.

- A. Treated air intake, 2x  $\varnothing$  160\*  
 B. Clean room air intake, 2x  $\varnothing$  160\*  
 \*with accessory plenum



Dimensions: 607 x 844 x 294 mm  
 892 x 844 x 294 mm (incl. plenum)  
 Nominal air flow rate: 500 m<sup>3</sup>/h  
 Condensing capacity: 42 L/g  
 Water inlet range: 12 °C – 18 °C  
 Supply and return air plenums excluded



AIRCLIMA AIR DISTRIBUTION  
 EUROTERM AVAILABLE

## Accessories and spare parts



### Siphon

Siphon for condensate drainage

7910080907



### Siphon

Built-in siphon for condensate drainage

7910081907



### Plenum

Plenum for 500 D

supply: 7510030106  
 intake: 7510030205



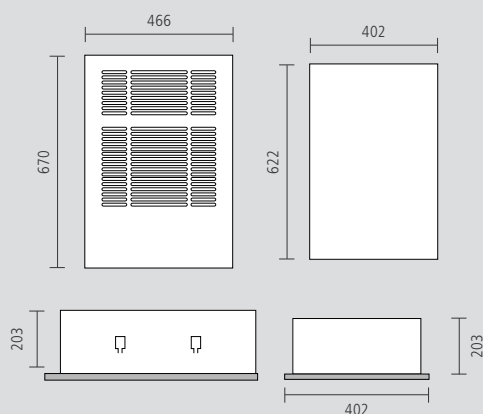
## Dehumidifier 120 D-WALL

Art. 7110021001

**NEW!**

- Built-in unit for summer dehumidification.
- Multi-speed EC fan and SmartComfort 365 management via Modbus RS 485.
- R290 refrigerant gas, sustainable and environmentally friendly.

The Dehumidifier 120 D-WALL is a vertical built-in refrigeration cycle unit. It is capable of performing isothermal dehumidification in summer, i.e. it dehumidifies the air and returns it to the environment at a similar temperature to that at which it was taken. Dehumidification occurs when humid air comes into contact with the cold surface of the heat exchanger, forming condensation droplets which are collected and evacuated through the dedicated drain. For correct operation, the unit must be connected to a conditioned water circuit and the condensate drain system. The unit's main components are the refrigeration cycle, heat exchangers, and a fan to circulate air. Accessories available include a galvanised steel frame for wall mounting and a diamond-patterned, lacquered wooden grille for installation on the unit closure. The unit is equipped with a filter installed on the wooden grille. It is also equipped with an integrated service display and is designed for advanced Eurotherm SmartComfort 365 control via Modbus or digital inputs.



Frame dimensions: 622 x 402 x 203 mm

Grille dimensions: 670 x 466 x 16 mm

Nominal air flow rate: 120 m<sup>3</sup>/h

Condensing capacity: 9.4 L/g

Water inlet range: 12 °C – 18 °C

Frame and grille excluded

## Accessories and spare parts



### Grille

Lacquered wood grille

7910010101



### Frame

Lacquered wall frame

7910010201



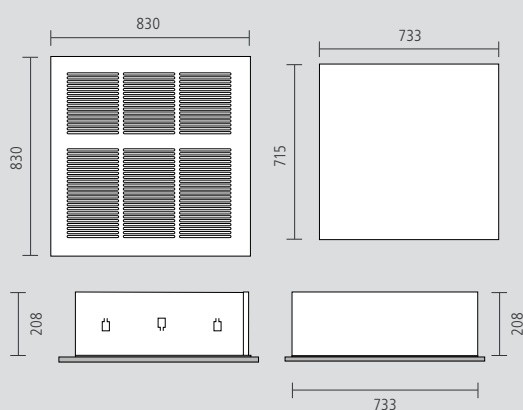
## Dehumidifier 240 D-WALL

Art. 7110021002

**NEW!**

- Built-in unit for summer dehumidification.
- Multi-speed EC fan and SmartComfort 365 management via Modbus RS 485.
- R290 refrigerant gas, sustainable and environmentally friendly.

The Dehumidifier 240 D-WALL is a vertical, built-in refrigeration cycle unit. It is capable of performing isothermal dehumidification in summer, i.e. it dehumidifies the air and returns it to the environment at a similar temperature to that at which it was taken. Dehumidification occurs when humid air comes into contact with the cold surface of the heat exchanger, forming condensation droplets which are collected and evacuated through the dedicated drain. For correct operation, the unit must be connected to a conditioned water circuit and the condensate drain system. The unit's main components are the refrigeration cycle, heat exchangers, and a fan to circulate air. Accessories available include a galvanised steel frame for wall mounting and a diamond-patterned, lacquered wooden grille for installation on the unit closure. The unit is equipped with a filter installed on the wooden grille. It is also equipped with an integrated service display and is designed for advanced Eurotherm SmartComfort 365 control via Modbus or digital inputs.



Frame dimensions: 733 x 715 x 208 mm

Grille dimensions: 830 x 830 x 18 mm

Nominal air flow rate: 240 m<sup>3</sup>/h

Condensing capacity: 25 L/g

Water inlet range: 12 °C – 18 °C

Frame and grille excluded

## Accessories and spare parts



### Siphon

Siphon for condensate drainage

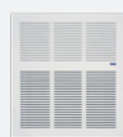
7910080907



### Siphon

Built-in siphon for condensate drainage

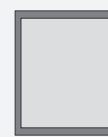
7910081907



### Grille

Lacquered wood grille

7910030101



### Frame

Lacquered wall frame

7910030201





## Deuclimatiser 300 DC

Art. 7110021102 **AVAILABLE SOON**

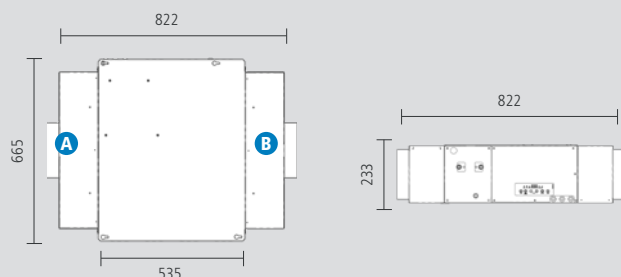
**NEW!**

- Ceiling unit for summer dehumidification. Option of summer or winter heating integration.
- New compact design for small spaces.
- Multi-speed EC fan and SmartComfort 365 management via Modbus RS 485.
- R290 refrigerant gas, sustainable and environmentally friendly.

The Deuclimatiser 300 DC is a refrigeration cycle unit designed for use with indoor false ceilings. During the summer, it dehumidifies the air and returns it to the room at a similar temperature to that at which it was extracted. Depending on the season, the unit can be activated in summer or winter integration modes, providing a noticeable contribution of heat and heating or cooling the rooms to which it is connected. Finally, the unit can be operated in ventilation mode with sanitisation all year round. It needs to be connected to a conditioned water circuit and a condensate drain

system. Its main components are the refrigeration cycle, heat exchangers, and a fan for airflow. The unit is equipped with an easy-to-maintain coarse filter and a low-consumption, long-life UV lamp. Thanks to optional accessories such as supply and return plenums, the unit integrates perfectly with the AirClima air distribution system. It is equipped with an integrated service display and is designed for advanced Eurotherm SmartComfort 365 control via Modbus or digital inputs.

- A. Treated air intake,  $\varnothing$  200\*  
B. Clean room air intake,  $\varnothing$  200\*  
\*with accessory plenum



Dimensions: 535 x 665 x 233 mm  
822 x 665 x 233 mm (incl. plenum)  
Nominal air flow rate: 300 m<sup>3</sup>/h  
Condensing capacity: 28 L/g  
Water inlet range: 12 °C – 18 °C  
Sensible power in cold: 940 W  
Supply and return air plenums excluded



## Accessories and spare parts



### Siphon

Siphon for condensate drainage

7910080907



### Siphon

Built-in siphon for condensate drainage

7910081907



### Plenum

Plenum for 300 DC

supply: 7510030105  
intake: 7510030204


**NEW!**

## Deuclimatiser 500 DC

 Art. 7110021103 **AVAILABLE SOON**

- Ceiling unit for summer dehumidification. Option of summer or winter heating air integration.
- New compact design for small spaces.
- Multi-speed EC fan and SmartComfort 365 management via Modbus RS 485.
- R290 refrigerant gas, sustainable and environmentally friendly.

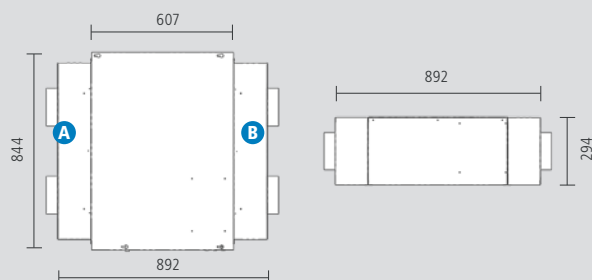
The Deuclimatiser 500 DC is a refrigerant cycle unit designed for use with indoor false ceilings. During the summer, it dehumidifies the air and returns it to the room at a similar temperature to that at which it was extracted. Depending on the season, the unit can be activated in cooling or heating air integration modes, providing a significant contribution to heating or cooling the rooms to which it is connected. Finally, the unit can be operated in ventilation mode with sanitisation all year round. It needs to be connected to a conditioned water circuit and a condensate drain system. Its main components are the refrigerant cycle, heat

exchangers, and a fan for airflow. The unit is equipped with an easy-to-maintain coarse filter and a low-consumption, long-life UV lamp. Thanks to optional accessories such as supply and air inlet plenums, the unit integrates perfectly with the AirClima air distribution system. It is equipped with an integrated service display and is designed for advanced Eurotherm SmartComfort 365 control via Modbus or digital inputs.

 A. Treated air intake, 2x  $\varnothing$  160\*

 B. Clean room air intake, 2x  $\varnothing$  160\*

\*with accessory plenum



Dimensions: 607 x 844 x 294 mm

892 x 844 x 294 mm (incl. plenum)

 Nominal air flow rate: 500 m<sup>3</sup>/h

Condensing capacity: 42 L/g

Water inlet range: 12 °C – 18 °C

Sensible power in cold: 1900 W

Supply and return air plenums excluded


 AIRCLIMA AIR DISTRIBUTION  
EUROTHERM AVAILABLE

## Accessories and spare parts



### Siphon

Siphon for condensate drainage

7910080907



### Siphon

Built-in siphon for condensate drainage

7910081907



### Plenum

Plenum for 500 DC

 supply: 7510030106  
intake: 7510030205



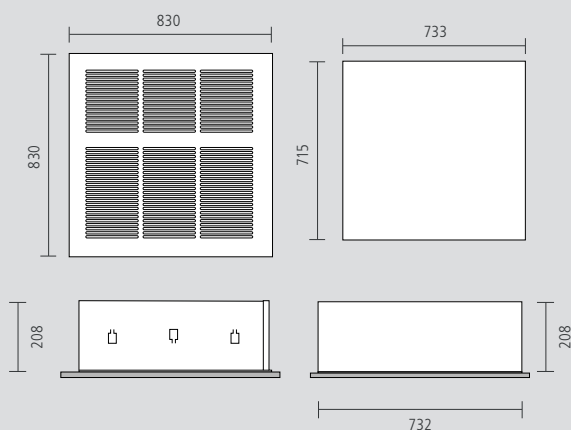
## Deuclimatiser 240 DC-WALL

Art. 7110021101 **AVAILABLE SOON**

**NEW!**

- Built-in unit for indoor air dehumidification. Option of summer or winter thermal integration.
- Multi-speed EC fan and SmartComfort 365 management via Modbus RS 485.
- R290 refrigerant gas, sustainable and environmentally friendly.

This deuclimatiser uses a refrigeration cycle to perform isothermal dehumidification in summer and provide significant integration. Its operation is based on the physical principle that air cools and releases moisture in the form of condensation droplets when it comes into contact with a cold surface. In practice, a refrigeration machine keeps a finned coil (a heat exchanger called an evaporator) cold. Air is passed through this coil, cooling and dehumidifying it. It then passes through a hot heat exchanger (condenser) and the post-cooling coil before returning to the room at approximately its initial temperature (isothermal dehumidification). Alongside the heat exchangers specific to the refrigeration cycle (the evaporator and the condenser), the system incorporates a hermetic compressor, pre- and post-cooling coils, a low-speed fan for optimal quietness and an air-water exchanger.



Frame dimensions: 733 x 715 x 208 mm

Grille dimensions: 830 x 830 x 18 mm

Nominal air flow rate: 240 m<sup>3</sup>/h

Condensing capacity: 25 L/g

Water inlet range: 14 °C – 18 °C

Sensible power in cold: 940 W

Frame and grille excluded

## Accessories and spare parts



### Siphon

Siphon for condensate drainage

7910080907



### Siphon

Built-in siphon for condensate drainage

7910081907



### Grille

Lacquered wood grille mod. 240

7910110102



### Frame

Wall-mounted frame mod. 240

7910030201



## AirClima: the air distribution by Eurotherm


Eurotherm recognises the importance of providing its customers with a comfortable and healthy environment through simple, intuitive and, above all, comprehensive solutions.

For the residential setting, Eurotherm has developed a line of products designed to transfer air from ducted units. What we wanted?

A high quality product range that was flexible to different project requirements and easy to explain and install. With Eurotherm, you can count on innovative and reliable solutions for air distribution within your home. We are committed to providing supportive service to our Customers through professional advice on products and their applications. With Eurotherm, transform your home into a comfortable and healthy environment where every breath is a pleasure.

The following table presents the Eurotherm machine range, including details of installation, air flow rate and functionality. The availability of a Eurotherm air distribution offer is also indicated, complementing that for the air handling unit.

## Residential units

| ART.       | PRODUCT                   | PAGE | INSTALLATION   | AIR FLOW RATE<br>m³/h | FEATURES |              |                         |                    |                    | <br>AIR DISTRIBUTION<br>AIRCLIMA<br>EUROTHERM |
|------------|---------------------------|------|----------------|-----------------------|----------|--------------|-------------------------|--------------------|--------------------|--|
|            |                           |      |                |                       | Renewal  | Free cooling | Summer dehumidification | Summer integration | Winter integration |  |
| 7410010103 | DEUCLIMA-VMC 300 S        | 14   | Ceiling        | 300                   | ●        | ●            | ●                       | ●                  | ●                  | AVAILABLE  |
| 7510010101 | DEUCLIMA-VMC 300 V        | 16   | Wall           | 300                   | ●        | ●            | ●                       | ●                  | ●                  | AVAILABLE  |
| 7410010105 | DEUCLIMA-VMC 500 S        | 18   | Ceiling        | 500                   | ●        | ●            | ●                       | ●                  | ●                  | AVAILABLE  |
| 7510010102 | DEUCLIMA-VMC 500 V        | 20   | Wall           | 500                   | ●        | ●            | ●                       | ●                  | ●                  | AVAILABLE  |
| 7110030001 | AIRCLIMA COMPACT          | 29   | Ceiling        | 150                   |          |              | ●                       | ●                  | ●                  | AVAILABLE  |
| 7510010503 | VMC 170 SV PRO            | 26   | Ceiling / Wall | 170                   | ●        | ●            |                         |                    |                    | AVAILABLE  |
| 7510010504 | VMC 260 SV PRO            | 27   | Ceiling / Wall | 260                   | ●        | ●            |                         |                    |                    | AVAILABLE  |
| 7110021093 | DEHUMIDIFIER 300 D        | 30   | Ceiling        | 300                   |          |              | ●                       |                    |                    | AVAILABLE  |
| 7110021102 | DEUCLIMATISER 300 DC      | 34   | Ceiling        | 300                   |          |              | ●                       | ●                  | ●                  | AVAILABLE  |
| 7110021004 | DEHUMIDIFIER 500 D        | 31   | Ceiling        | 500                   |          |              | ●                       |                    |                    | AVAILABLE  |
| 7110021103 | DEUCLIMATISER 500 DC      | 35   | Ceiling        | 500                   |          |              | ●                       | ●                  | ●                  | AVAILABLE  |
| 7110021001 | DEHUMIDIFIER 120 D-WALL   | 32   | built-in       | 120                   |          |              | ●                       |                    |                    | NOT NECESSARY  |
| 7110021002 | DEHUMIDIFIER 240 D-WALL   | 33   | built-in       | 240                   |          |              | ●                       |                    |                    | NOT NECESSARY  |
| 7110021101 | DEUCLIMATISER 240 DC-WALL | 36   | built-in       | 240                   |          |              | ●                       | ●                  | ●                  | NOT NECESSARY  |

## Units for the tertiary sector

|            |                        |    |         |      |   |   |   |   |   |               |
|------------|------------------------|----|---------|------|---|---|---|---|---|---------------|
| 7110011001 | DEUCLIMATISER DCR 1000 | 22 | Ceiling | 1000 | ● | ● | ● | ● | ● | NOT NECESSARY |
| 7110011002 | DEUCLIMATISER DCR 2000 | 24 | Ceiling | 2000 | ● | ● | ● | ● | ● | NOT NECESSARY |

● air renewal

● free cooling

● dehumidification

● cooling

● heating



# Ducted air handling units for residential

In the design, the air distribution network and the size of the components vary according to the type of unit. In the following, an overview of the main types of Eurotherm units and the connections that need to be considered in the design is presented.

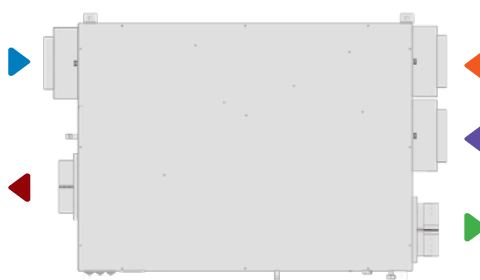
## Deuclima VMC – Five-way ducted units

These machines combine air exchange with summer and winter Dehumidification and sensitive heating air integration.

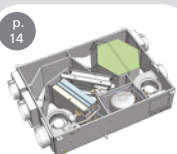
They allow the extraction and subsequent expulsion of air from kitchens and bathrooms and the supply of fresh, treated air into living rooms, studies or bedrooms. In addition, if required, indoor air can be recirculated from the living room, study or bedrooms via a room-by-room extraction (recommended) or via centralised recirculation.

For example, when designing the ducts for a DEUCLIMA VMC 300 S unit and an apartment of approx. 100 m<sup>2</sup> you can consider::

- Supply air to the interior: 300 m /h3
- Circulated air from inside: 300 m /h3
- Indoor return air:150 m/h3
- Air inlet from outside:150 m/h3
- Exhaust air to the outside:150 m/h3

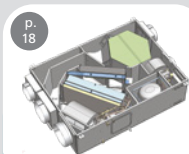


Extracting dirty environments    Expulsion of stale air    External air extraction    Treated air intake    Clean room extraction



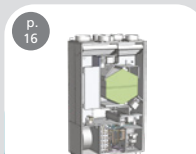
**Deuclima-VMC  
300 S**

7410010103



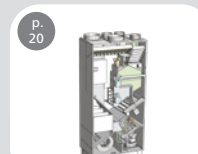
**Deuclima VMC  
500 S**

7410010105



**Deuclima VMC  
300 V**

7510010101



**Deuclima VMC  
500 V**

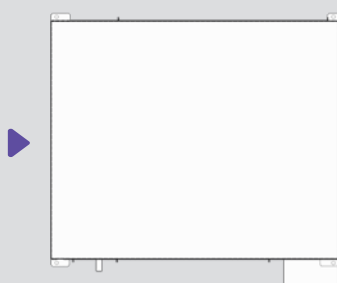
7510010102

## Dehumidifiers and dehumidifiers – Two-way ducted units

These machines recirculate indoor air and feed it back into the rooms after it has been treated (dehumidified and/or conditioned). There is a single flow of air, and in fact these units are equipped with a single fan. It is important to remember that these units should never be connected in either recirculation or supply to dirty rooms, such as bathrooms.

For example, when designing the ducts for a Deuclimatiser 582 DCC unit and an apartment of approx. 100 m<sup>2</sup> it will be possible to consider:

- Supply air to the interior: 280 m<sup>3</sup>/h
- Circulated air from inside: 280 m<sup>3</sup>/h



Clean room extraction

Treated air intake

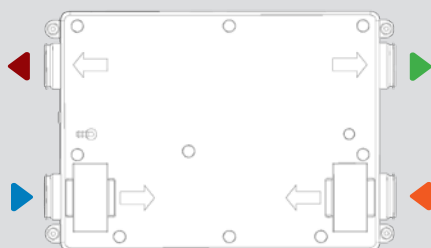


## Mechanical ventilation – Four-way ducted units

These machines perform air exchange and operate with two air flows with heat recovery. The air extracted from kitchens and bathrooms is exhausted, while the outside air is filtered and fed into the room, usually through diffusers placed in the living room, study or bedrooms.

For example, when designing the ducting for a VMC 170 SV PRO unit and a flat of approx. 100 m<sup>2</sup> you can consider:

- Supply air to the interior: 150 m<sup>3</sup>/h
- Extract air from the interior: 150 m<sup>3</sup>/h
- Air inlet from outside: 150 m<sup>3</sup>/h
- Exhaust air to the outside: 150 m<sup>3</sup>/h



Extracting dirty environments    Expulsion of stale air

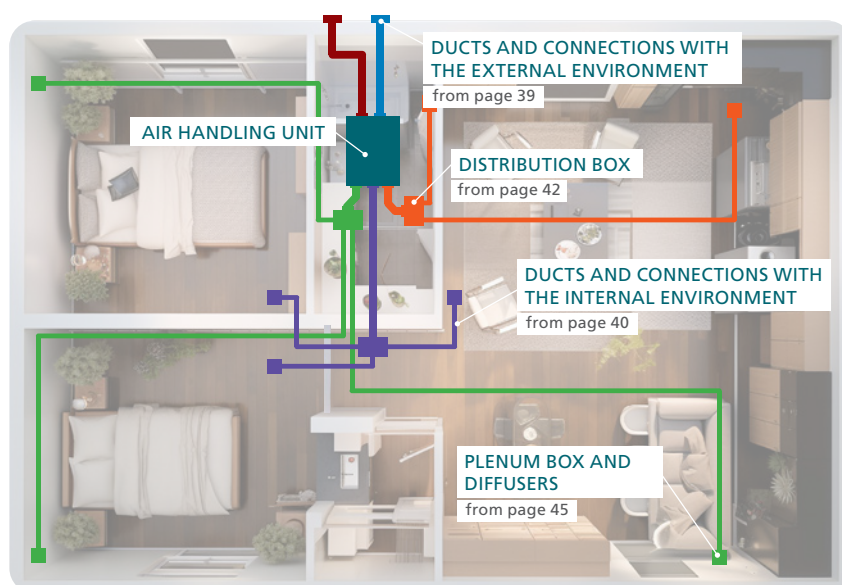
External air extraction    Treated air intake



# Eurotherm distribution network components

With the Airclima range, Eurotherm offers air distribution components developed and optimised for its line of air handling units and Radiant systems. The components can be subdivided into:

- **Ducts and connections of the unit to the outside**, required if the unit performs hygienic exchange
- **Ducts and connections of the unit to the indoor environment**
- **Distribution boxes**, connecting primary and secondary ducts
- **Plenum box and diffusers**, which are the terminals of the distribution network



## Ducts and connections of the unit to the external environment

These connections consist of ducts and grids through which the fresh air drawn in by the supply fan and the expelled air pushed out by the return fan pass separately. The ducts are thermally insulated to improve the energy efficiency of the system and to avoid surface condensation, and with their flexibility they can be easily adapted to available spaces. The components are available in different diameters, to be selected according to the unit's connection dimensions and design air flow rate.



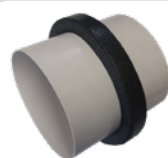
**Insulated air duct, 10 m**

D125 – 7710002125  
D160 – 7710002160



**External air grille**

D125 – 7710001125  
D160 – 7710001160



**Junction sleeve**

D125 – 7720006125  
D160 – 7720006160



**Hose clamps**

7720005000

## Ducts and connections of the unit with the internal environment

Air handling units are connected to the rooms to be treated via a network of ducts in through which air circulates. These are divided into two types: main ducts that connect the machine to the distribution boxes and secondary ducts that connect the distribution boxes to the treated rooms.

**For main ducts**, Eurotherm offers flexible ducts of different diameters (D125, D160 and D200) made of PVC reinforced with a harmonic steel spiral. These ducts are available with a range of accessories, e.g. flexible silencers that enable noise reduction and improved acoustic performance.

Junction and branch sleeves, on the other hand, are useful components for extending or splitting ducts, and allow distribution lines to be designed with maximum flexibility. Hose clamps are indispensable for connecting flexible duct sections to the connections of machines, distribution boxes and accessories.



**Flexible PVC duct, 10 m**

D125 – 7720004125  
D160 – 7720004160  
D200 – 7720004200



**Flexible silencer**

D125 – 7720003125  
D160 – 7720003160  
D200 – 7720003200



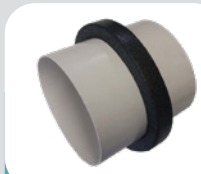
**Y-drift without reduction**

D125 – 7720007001  
D160 – 7720007002  
D200 – 7720007003



**Y-drift with reduction**

D160-125 – 7720007004  
D200-160 – 7720007005



**Junction sleeve**

D125 – 7720006125  
D160 – 7720006160  
D200 – 7720006200



**Hose clamps**

7720005000

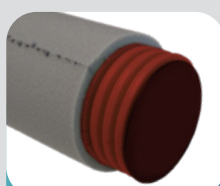
**For secondary ducts**, Eurotherm offers D90 diameter semi-rigid ducting, which is suitable for the air flow rates of Eurotherm units. For ease of construction and to ensure a quality installation, these ducts fit plug-and-play into the adapters provided in the distribution boxes and plenum boxes. The use of sealing gaskets (mandatory) and anti-slip rings (optional) ensures a tight and reliable installation.

The ducts are semi-rigid and as such are able to adapt to most routings without difficulty. Even if it is necessary to make particularly demanding bends, there will be no problem because Airdlima makes the 90° bend accessory available. The accessory range for the D90 semi-rigid duct is completed by Pipe-to-pipe sleeves, Flow rate regulators and end caps.



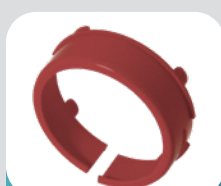
D90 duct, 50 m

7730008001



D90 insulated duct, 25 m

7730008002



Anti-slip rings, 10 pcs

7730008008



Seal gaskets, 10 pcs

7730008005



90° bend for duct D90

7730008004



End caps, 5 pcs

7730008007



Junction sleeve for D90 duct

7730008003



Soft-disc flow regulator, 5 pcs

7730008009



## Distribution boxes

Distribution boxes are components that connect a main duct of larger dimensions (e.g. D160) to several ducts of smaller dimensions. The boxes can be used:

- in a supply branch, i.e. the air from a main duct is divided into several D90 ducts
- in a return branch, i.e. the air from several D90 ducts is ducted into a main duct

Thanks to a successful design, Eurotherm is pleased to **offer its customers a line of distribution boxes that can be used in dozens of configurations** to ensure maximum flexibility for the most diverse design and installation requirements.

Eurotherm offers boxes in different sizes (small, medium and large), all with the same characteristics:



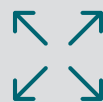
### Multi-attachment

The boxes can be connected to main ducts of various sizes by installing one of several available connection plates, each with a different diameter collar. The connection plates are supplied with a flat gasket and can be purchased separately from the box.



### Reversibility

The boxes allow the air distribution plate to be installed axially or laterally to the main duct, so that situations can be easily handled where a 90° bend is required. Performing this operation is simple and takes less than a minute.



### Extensibility

The boxes have side provisions that allow you to add D90 duct adapters and thus expand the air flow rate of the box. Even if the extension is not required, it will be possible to take advantage of these provisions to relocate the distribution plate adapters and simplify duct routing.

| DISTRIBUTION BOX | BOX SIZE<br>mm        | MAXIMUM FLOW RATE<br>m³/h |                | MAIN DUCT CONNECTION |      |      |         | D90 DUCT CONNECTIONS |                | GRILLE ACCESSORY | SILENCER ACCESSORY |
|------------------|-----------------------|---------------------------|----------------|----------------------|------|------|---------|----------------------|----------------|------------------|--------------------|
|                  |                       | STANDARD                  | WITH EXTENSION | D125                 | D160 | D200 | 2X D160 | STANDARD             | WITH EXTENSION |                  |                    |
| Small            | L 428 x L 220 x P 198 | 200                       | 300            | ●                    | ●    |      |         | 4x D90               | 6x D90         | ●                | ●                  |
| Medium           | L 445 x L 366 x P 221 | 400                       | 600            | ●                    | ●    | ●    | ●       | 8x D90               | 12x D90        |                  |                    |
| Large            | L 547 x L 366 x P 221 | 500                       | 700            | ●                    | ●    | ●    | ●       | 10x D90              | 14x D90        |                  |                    |

## Small distribution box

Box usable up to a flow rate of 200 m<sup>3</sup>/h, compatible with D125 or D160 ducting via replaceable front plates and silencer accessory purchased separately.

The box can be used alternatively with the 4x D90 distribution plate to channel air into the ducts or with the grille accessory. In this case, direct intake/return of air can be done via an inspectable magnetic grille supplied with a sheet metal telescope and filter septum. The unique design of the modular box allows both the grille accessory and the 4xD90 plate to be installed axially or to the side in relation to the position of the main duct. In addition, the connectivity of the box can be extended by using the side arrangements for up to 2 additional D90 connections (see D90 adapter, 2 pcs – 7730008006).



**Small distribution box**

7740009006



**Front attachment plate**

D125 – 7740009009  
D160 – 7740009010



**Distributor plate 4x D90**

7740009008



**Grille with telescopic frame**

7740009011



**Silencer for small box**

7740009007



**D90 adapter, 2 pcs**

7730008006

### Here are two examples:



Distribution box small with D160 connection, with accessory grille.

Small distribution box, art. 7740009006  
Front attachment plate D160, art. 7740009010  
Grille with telescopic frame, art. 7740009011



Small distribution box with D160 connection, silencer, 4x D90 plate and extension.

Small distribution box, art. 7740009006  
Front attachment plate D160, art. 7740009010  
Distribution plate 4x D90, art. 7740009008  
Silencer for small box, art. 7740009007  
Adapter D90 2 pcs, art. 7730008006 (x2)

## Medium distribution box

Box usable up to a flow rate of 400 m<sup>3</sup> /h, compatible with D125, D160, D200 or 2x D160 ducting via dedicated front plates. Connection to secondary ducts is managed by the distribution plate 8x D90 (included) with the possibility of extending the air flow rate by adding up to four D90 connections (see D90 adapter, 2 pcs – 7730008006). The connection to the D90 secondary ducts can be axial or lateral to the main duct.



**Medium distribution box**

7740009001



**Front attachment plate**

D125 – 7740009012  
D160 – 7740009004  
D200 – 7740009005  
2xD160 – 7740009003



**D90 adapter, 2 pcs**

7730008006

## Large distribution box

Box usable up to a flow rate of 500 m<sup>3</sup> /h, compatible with D125, D160, D200 and 2x D160 ducts via dedicated front plates. Connection to secondary ducts is managed by the 10x D90 distribution plate (included) with the possibility of extending the air flow rate by adding up to four D90 connections (see D90 adapter, 2 pcs – 7730008006). The connection to the D90 secondary ducts can be axial or lateral to the main duct.



**Large distribution box**

7740009002



**Front attachment plate**

D125 – 7740009012  
D160 – 7740009004  
D200 – 7740009005  
2xD160 – 7740009003



**D90 adapter, 2 pcs**

7730008006

## Plenum nozzle and room air diffusion

The point of contact between secondary ducts and the treated areas is made up of plenum boxes and diffusers, which can have different shapes and sizes to suit the design and aesthetic requirements of each situation. Eurotherm's experience has enabled four different models of plenum box to be identified: the round model, the rectangular model, the linear model, and finally the centralised recirculation model. Each nozzle plenum model will be compatible with one or more diffusers, as illustrated below.

**Round air outlet plenum model**, with inlet for 2x D90 ducts, available with basic round diffuser, in the design line (round or square) and in plasterboard (soon). The range includes the 30 cm extension accessories, the ring + filter kit for installation in the return air vents and the appropriate filter replacements (art. 7750010004).



Plenum box  
round with 2x  
D90 adapters

7750010001



Extension 30 cm  
for plenum  
round nozzle

7750010002



Basic round  
diffuser for  
round plenum  
box

7750010005



Design round  
diffuser for  
round diffuser  
plenum box

7750010006



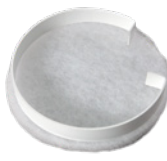
Design square  
diffuser for  
round diffuser  
plenum box

7750010007



Round  
plasterboard  
plenum box  
diffuser

7750010008  
see page 51



Ring + filter kit  
for round nozzle  
plenum

7750010003



Round  
plenum-nozzle  
filters, 10 pcs

7750010004



**Rectangular plenum box model**, with inlet for 2x D90 ducts, available with PVC louvre diffuser or flat aluminium diffuser. Also in this case, the range includes an extension, the mesh + filter kit and the appropriate filter replacement (art. 7760011008).



**Rectangular  
plenum box**

7760011002



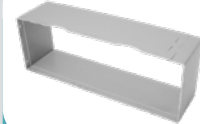
**Slotted diffuser  
for rectangular  
plenum box**

7760011010



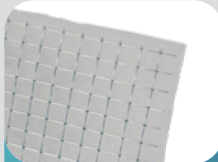
**Flat diffuser  
for rectangular  
plenum box**

7760011012



**Extension for  
rectangular  
plenum box**

7760011004



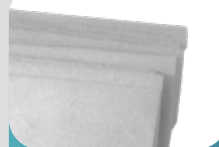
**Filter + mesh kit  
for rectangular  
plenum box**

7760011006



**Fixing kit for  
rectangular  
plenum box**

7760011013



**Filters for  
rectangular  
plenum box, 10  
pcs.**

7760011008

**Plenum box model for recirculation**, which is required if room-to-room recirculation vents are not possible. The proposed component is a plenum for centralised recirculation that can handle up to 300 m<sup>3</sup> /h and is equipped as standard with a 500 x 300 mm magnetic inspectionable grille with washable honeycomb filter supplied.



**Recirculation  
plenum with  
grille**

7780014000



**Front attach-  
ment plate**

D125 – 7740009012  
D160 – 7740009004  
D200 – 7740009005  
2xD160 – 7740009003

**Linear PVC plenum box model**, available with diffuser included. This model is available in two sizes: 500 mm (shown in the picture) and 1000 mm. The plenum box is supplied with diffuser included.



**Linear plenum  
box and PVC  
diffuser**

L500 – 7770012050  
L1000 – 7770012100

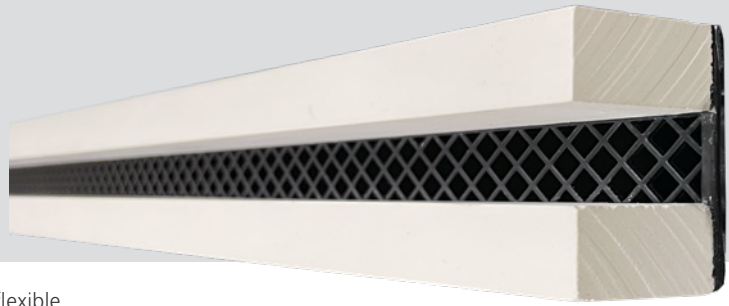


**PVC linear  
diffuser filter**

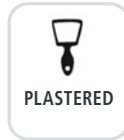
500 mm – 7770013050  
1000 mm – 7770013100



## Plaster diffusers



Circular and linear plaster diffusers are an elegant and flexible solution for interior design. Using these models, you can make the diffuser virtually invisible or, conversely, create strikingly unique interior elements. They are frameless, easily paintable and compatible with the Leonardo radiant system. Eurotherm is always at the forefront of bringing innovation and quality to its customers.



**NEW!**

### Linear plaster diffuser



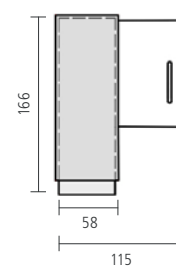
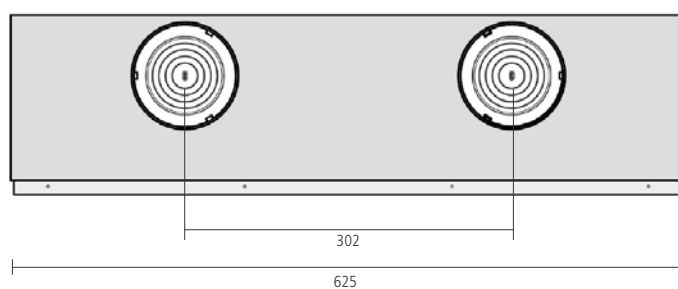
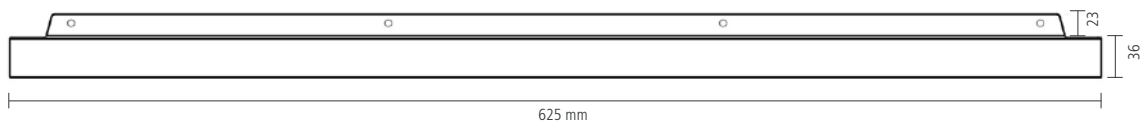
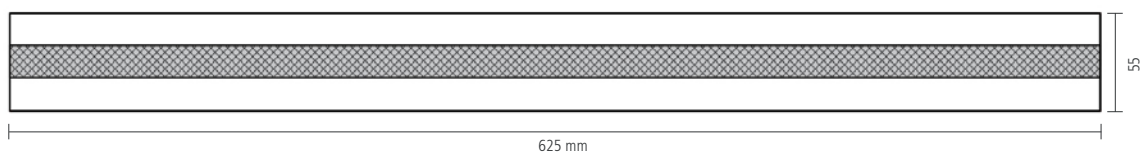
| art. | description |
|------|-------------|
|------|-------------|

|            |                                |
|------------|--------------------------------|
| 7770000625 | linear plaster diffuser 625 mm |
|------------|--------------------------------|

|            |   |
|------------|---|
| 7770001625 | box for linear plaster diffuser 625 mm 2x D90 |
|------------|---|

|            |   |
|------------|---|
| 7770002625 | filter for linear plaster diffuser 625 mm |
|------------|---|

- Exclusive design and unparalleled visual impact
- Can be used for air supply/extraction (with filter Art. 7770002625)
- Two connections for D90 duct



**NEW!****Circular plaster diffuser**

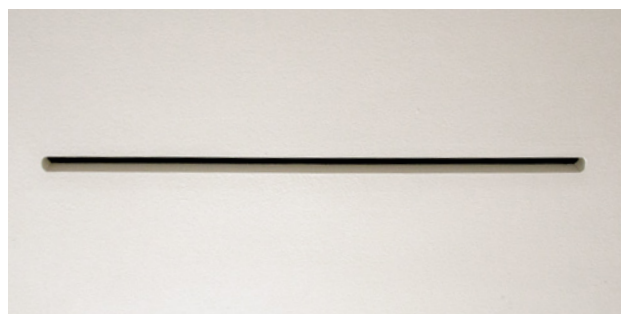
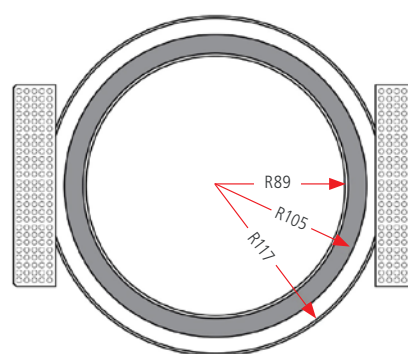
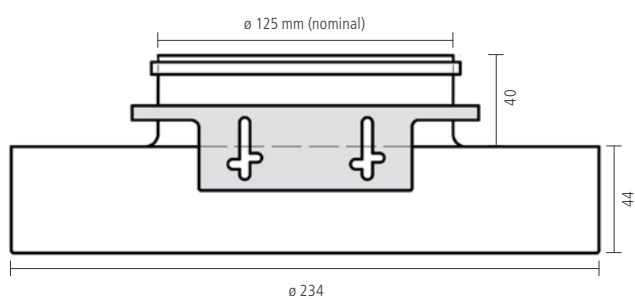
art.

description

**7750010008**

Circular plaster diffuser for plenum round vent

- Elegant lines and impeccable aesthetics
- Can be used for air supply/return (with filter ring Art. 7750010003)
- Compatible with round plenum box (Art. 7750010001) and accessories





More quality for the  
indoor **climate**.  
More value for  
**well-being**.

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Art. 9290010144 REV.03

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