

ARIANNE 3

Air mixers



ENERGY SAVING



REGULAR TEMPERATURE



LARGE VOLUMES OF AIR

Technical and construction features

ARIANNE 3 air mixers have been designed to equalize the temperature and humidity of large rooms and reduce the energy consumption necessary for their heating.

ARIANNE 3 also solves the problems caused by the summer environmental conditions which, due to the high temperatures, the high degree of relative humidity and poor ventilation, produce a climate that is not ideal for people and structures.

Another advantage is also the fact that ARIANNE 3 acts on areas even larger than 120 m², treating large volumes of air.

In warehouses, churches, swimming pools, etc. the heat losses typical of large environments are reduced, optimizing the yields of thermal plants, through the reduction of energy requirements.

After defining the number of destratifiers required, it is advisable to check the ceiling fixing system of each ARIANNE 3 bearing in mind the following indications:

Installation

1 ARIANNE 3 is suspended with four chains fixed to ceiling with special expansion plugs following the diagram shown. Adequate anchoring is essential as shown in Figure 2 to avoid rotation of the ARIANNE 3 during start-up.

2 ARIANNE 3 must be installed at a distance of 1 to 2 meters from the ceiling of the room as shown in figure 2.

| Model | Air flow m ³ /h | Code | € |
|----------------------------|----------------------------|-----------------|---------------|
| AIR MIXER ARIANNE 3 | 2500 | 39800000 | 780,00 |

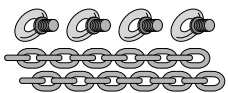
Accessories ARIANNE 3



Remote control panel with minimum thermostat

36205230

120,00



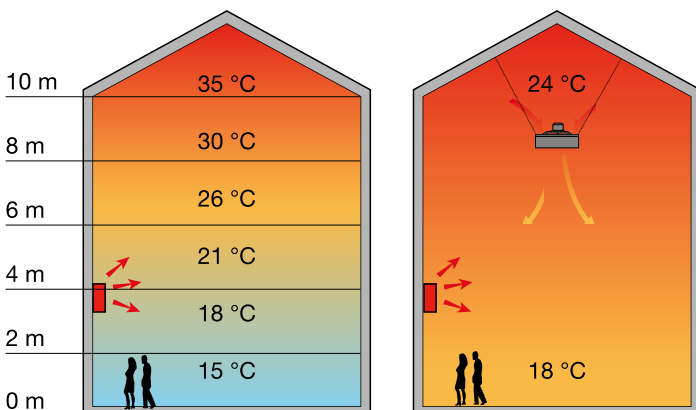
Ceiling installation kit includes chains and eyebolts

30150092

60,00

Example of the temperatures that can be measured in an industrial room with and without ARIANNE 3

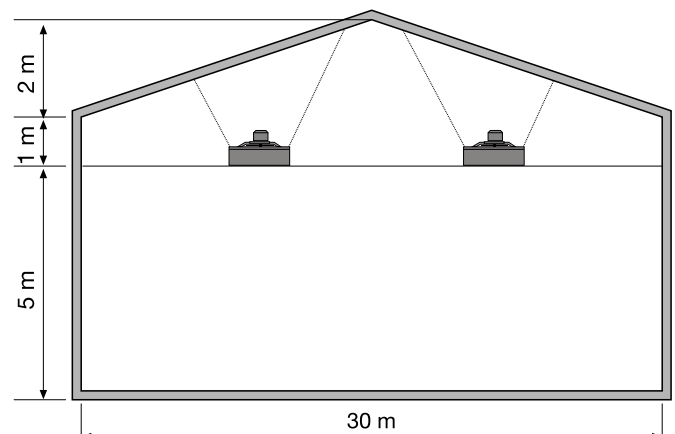
Fig. 1



Installation without ARIANNE 3

Installation with ARIANNE 3

Fig. 2

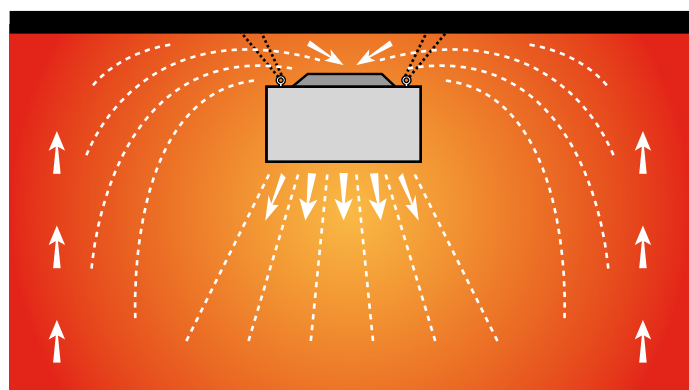


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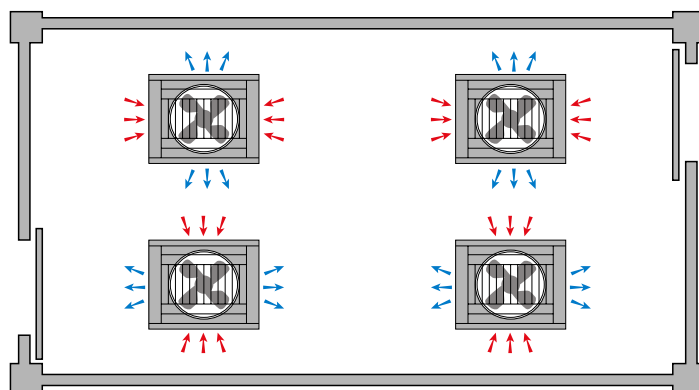
ARIANNE 3 energy saving

The installation of an ARIANNE 3 allows significant economic savings by reducing fuel consumption. Furthermore, the improvement of housing conditions can also translate into an economic advantage. In fact, a higher degree of temperature at human level and uniformity in the various areas generate a more acceptable living condition.

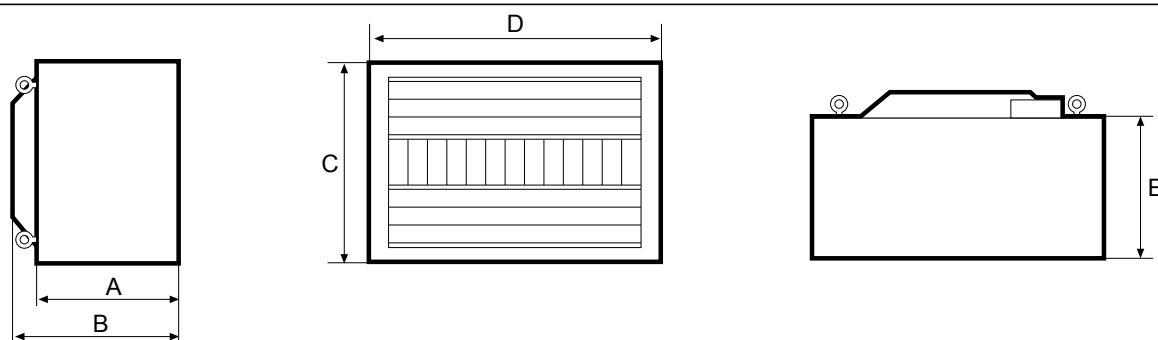


ARIANNE 3 function

The ARIANNE 3 air mixers are particularly innovative as they offer a cross-flow operation thus making it unnecessary to install counter-rotating destratifiers (to avoid the triggering of circular movements of the air inside the room).



Dimensions ARIANNE 3



Technical data table ARIANNE 3

| DESCRIPTION | U.M. | ARIANNE 3 |
|---------------------|-------------------|-------------|
| Air flow max | m ³ /h | 2500 |
| Local height | m | 5 ÷ 8 |
| Installation height | m | 4 ÷ 7 |
| Fan diameter | mm | 350 |
| R. P. M. fan | n. | 1380 |
| Sound pressure max* | dB(A) | 49,5 |
| Electric power max | W | 150 |
| Power supply | | 230V/1/50Hz |
| A | mm | 310 |
| B | mm | 317 |
| C | mm | 539 |
| D | mm | 790 |
| E | mm | 310 |
| Weight | Kg | 23 |

*Values referred in free field at a distance of 5 meters