

ARIANNE 3

Air mixers



Technical and construction characteristics

The ARIANNE 3 air mixers were designed to equalize the temperature and humidity of large environments and reduce the energy consumption necessary for their heating. ARIANNE 3 also solves the problems caused by summer environmental conditions which, due to the high temperatures, the high degree of relative humidity and poor ventilation, produce a less than ideal climate for people and structures. Another advantage is also the fact that ARIANNE 3 acts on areas 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 efficiency of the heating systems by reducing energy needs. After having defined the number of stratifiers needed, it is advisable to check the ceiling fixing system of each ARIANNE 3, keeping in mind the following indications:

Installation

- 1 ARIANNE 3 must be suspended with four chains fixed to the ceiling with special expansion plugs following the indicated diagram. Adequate anchoring is essential as indicated in figure 2 to avoid rotation phenomena of the ARIANNE 3 during the start-up phase.
- 2 ARIANNE 3 must be installed at a distance of 1-2 meters from the ceiling of the room as indicated in figure 2.

Model	Air flow m ³ /h	Code	€
Air mixer ARIANNE 3	2500	39800000	850,00

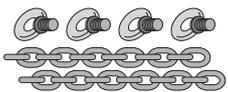
Accessories ARIANNE 3



Remote control panel with minimum thermostat

36205230

120,00



Ceiling installation kit includes chains and eyebolts

30150092

60,00

Example of temperatures detectable in an industrial room with and without ARIANNE 3

Fig. 1

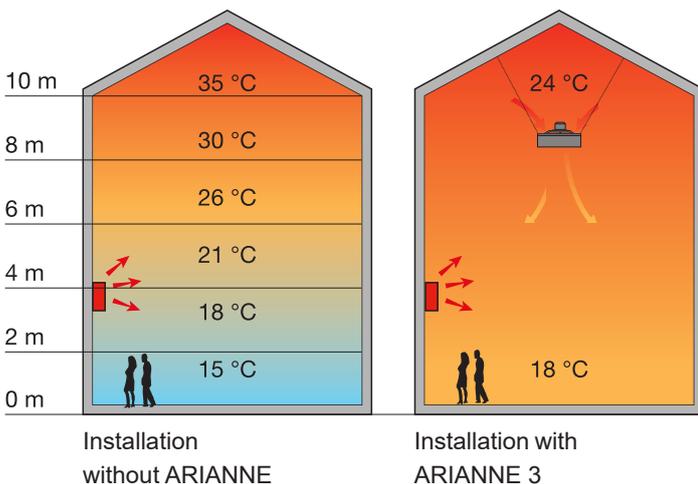
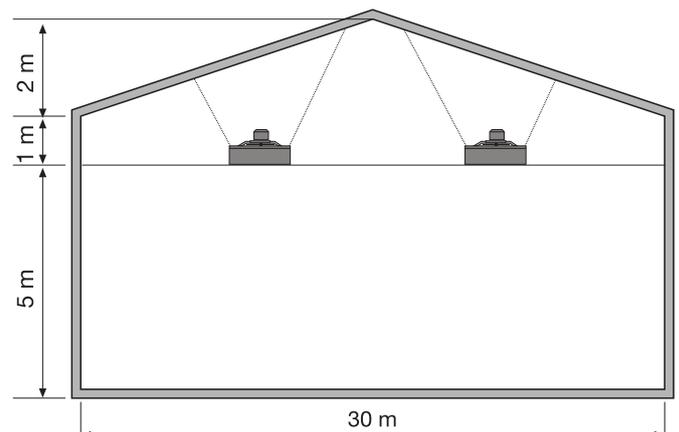


Fig. 2

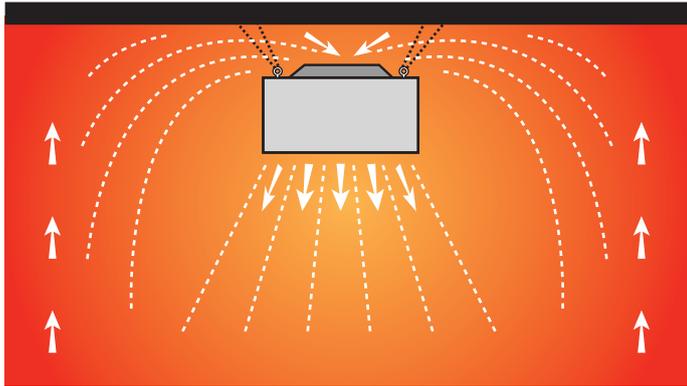


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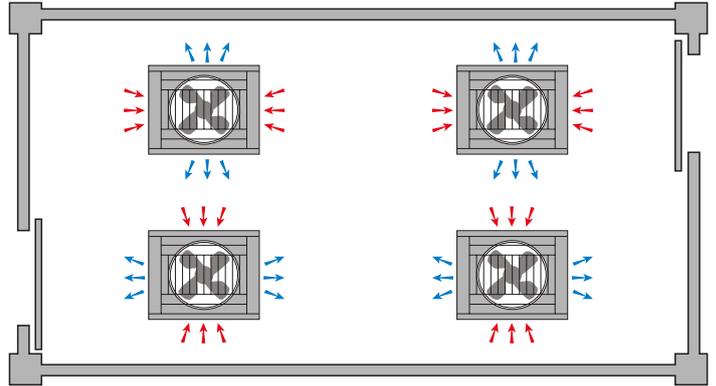
ARIANNE 3 energy saving

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

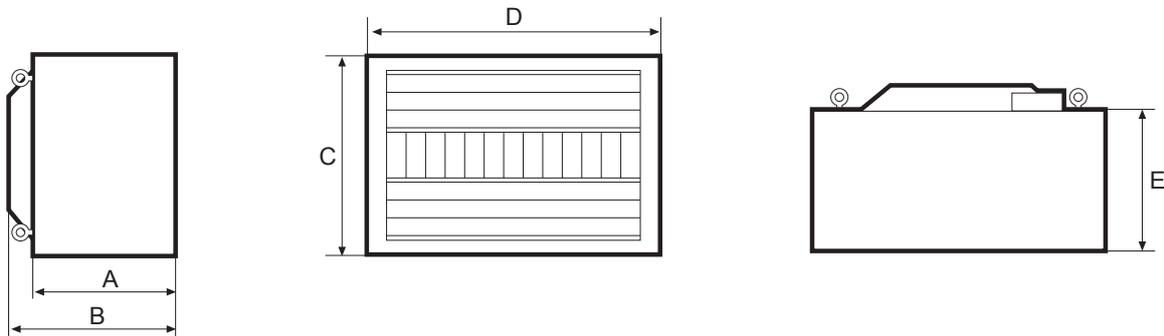


ARIANNE 3 operation mode

The ARIANNE 3 air mixers are particularly innovative as they offer cross-flow operation, thus making it unnecessary to install opposing rotation lateralisers (to avoid triggering 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 to in free field at a distance of 5 metres