

How can I install ATACAMA - destratification unit?

Destratification Atacama units are installed vertically on the ceiling, using a standard bracket or M6 threaded rods.

It is recommended to install the **ATACAMA-DESTRA** within a certain area as close to the ceiling as possible.

For proper operation of the unit, the distance of the unit to the wall (ceiling) must be at least 0.2 m.

On the ceiling

By using a bracket or threaded rods



On the ceiling - chaining

(= use multiple units operated together)



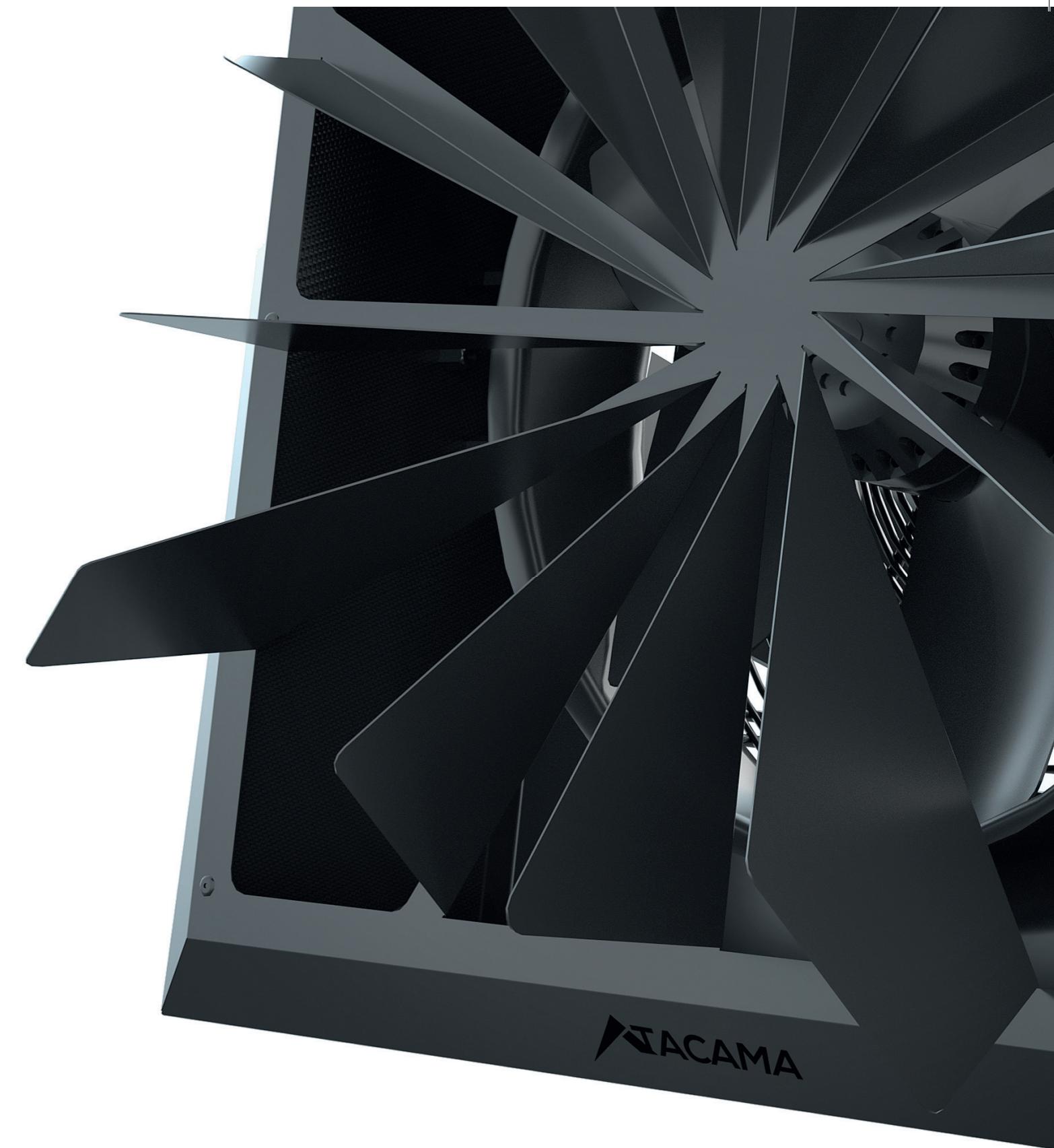
more information



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ERP 2020

EC fan

Destratification unit

www.xvent.cz





Airflow
up to 5600 m³/h

Vertical range
up to 13m

Destratification unit ATACAMA

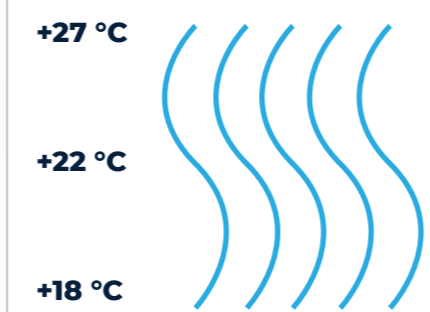
Ensures even air temperature distribution throughout the building and reduces energy consumption.

Temperature compensation in areas under the ceiling and at the floor is called de-stratification. The ATACAMA unit returns the heat that rises up to the ceiling back towards the floor, and, thus, increases the air temperature in the vicinity of people. This reduces energy consumption in the given area.



Saving energy with this solution can reach up to 15% depending on the ceiling height

Without the use of de-stratification



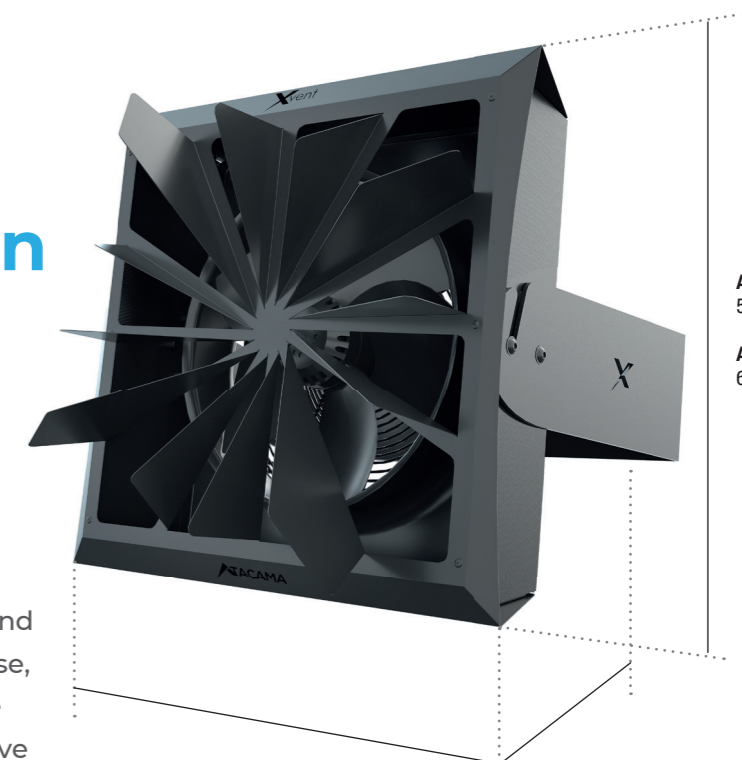
While using de-stratification



Thanks to destratification is heat back at the floor

Technical parameters - destratification unit ATACAMA

For proper operation of the destratification unit, it is necessary to bend the lamellas outwards by 90°; otherwise, the unit may not operate properly, the fan may be damaged or cause excessive noise.



ATACAMA D 2 a 3
535 mm

ATACAMA D 4
635 mm

ATACAMA D 2 a 3
585 mm

ATACAMA D 4
675 mm

ATACAMA D 2 a 3
385 mm

ATACAMA D 4
385 mm

		ATACAMA 2 DESTRA	ATACAMA 3 DESTRA	ATACAMA 4 DESTRA
Fan type	-	EC	EC	EC
Operating area (ceiling height 4m)	m ²	0-300	0-500	0-1000
Air flow	m ³ /h	2700	3350	5600
Maximal vertical range *	m	10	13	12
Noise level **	dB	43	52,9	52,6
Unit weight with bracket	kg	9,5 / 12	11,5 / 14	16,5 / 19,5
Power supply	V/Hz	1 ~ 230/50-60	1 ~ 230/50-60	1 ~ 230/50-60
Motor output	W	102	177	337
Motor current	A	0,78	1,31	1,45
Speed	ot/min	1370	1750	1320
IP range	IP	54	54	54
Sales code	-	ATA1-2-ECSODI-0A0	ATA1-3-ECSODI-0A0	ATA1-4-ECSODI-0A0

* Maximal distance of airstream - speed of air is 0,5m/s

** Acoustic pressure in 5m, Q=2