

## 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)

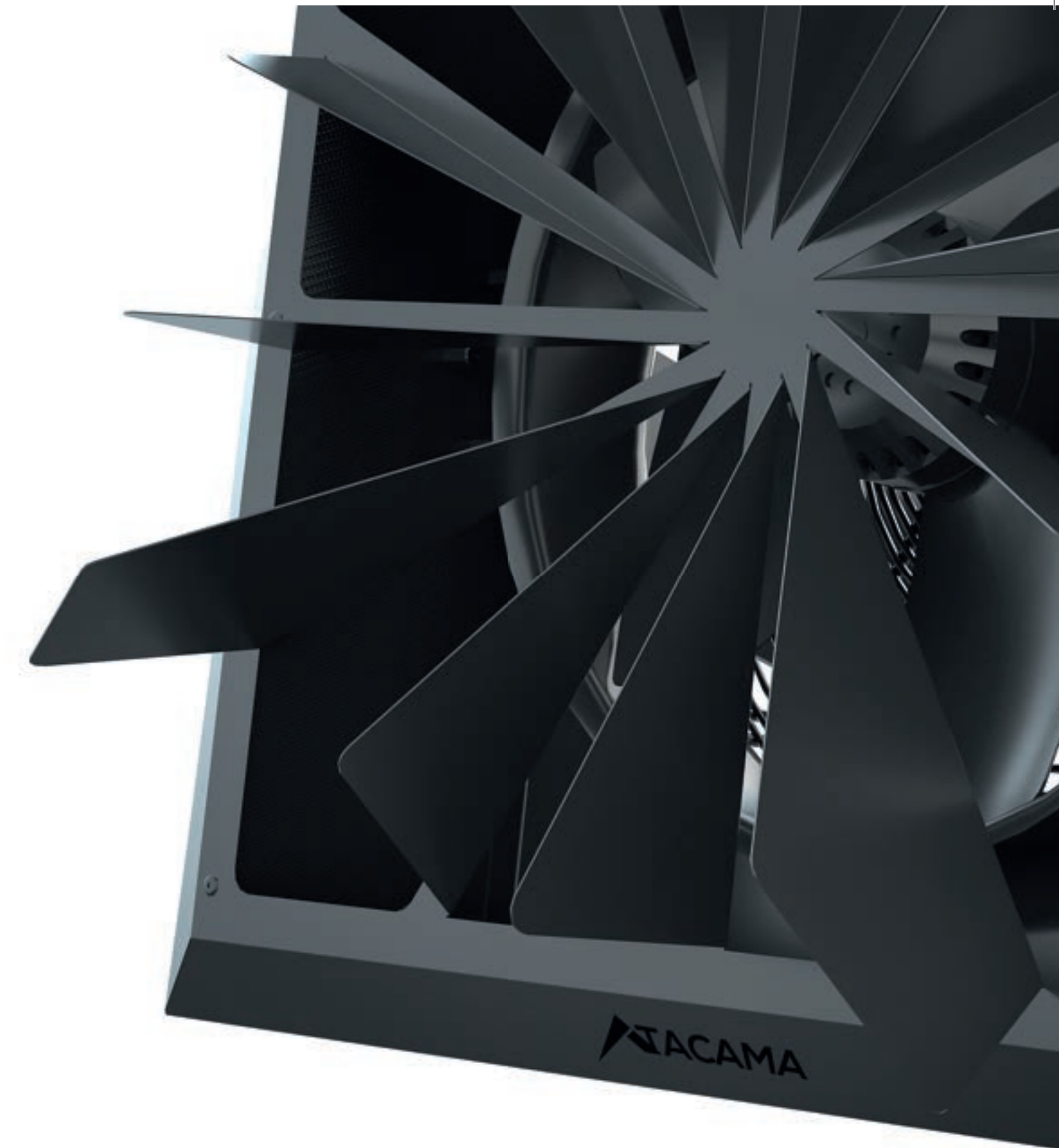


more information



SMART-FLEX Sp. z o.o.  
Mielczarskiego 21/23  
42-202 Częstochowa

e-mail: [biuro@smart-flex.pl](mailto:biuro@smart-flex.pl)  
tel: +48 343 444 005  
gsm: +48 790 808 005  
[www.smart-flex.pl](http://www.smart-flex.pl)



ERP 2020

EC fan

## Destratification unit

[www.xvent.com.pl](http://www.xvent.com.pl)





Airflow  
up to 5600 m<sup>3</sup>/h

Vertical range  
up to 13m

## Destratification unit ATACAMA

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

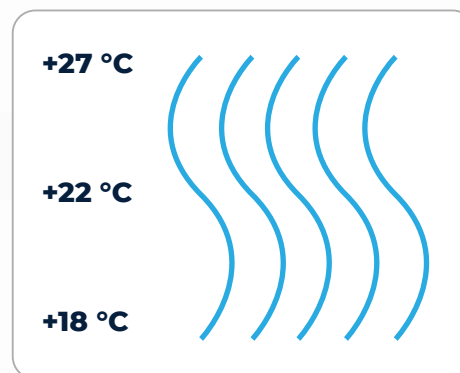
Temperature compensation in areas under the ceiling and at the floor is called de-stratification. The ATACAMA unit returns the heat that rises up to the ceiling back towards the floor, and, thus, increases the air temperature in the vicinity of people. This reduces energy consumption in the given area.



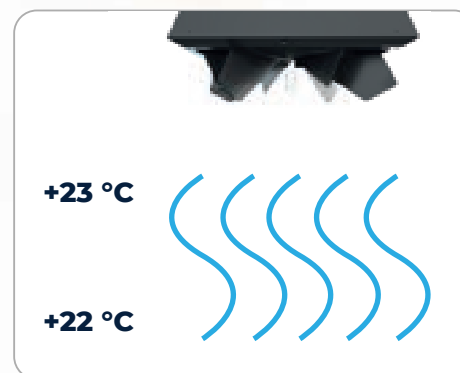
Saving energy with this solution can reach up to 15% depending on the ceiling height



Without the use of de-stratification



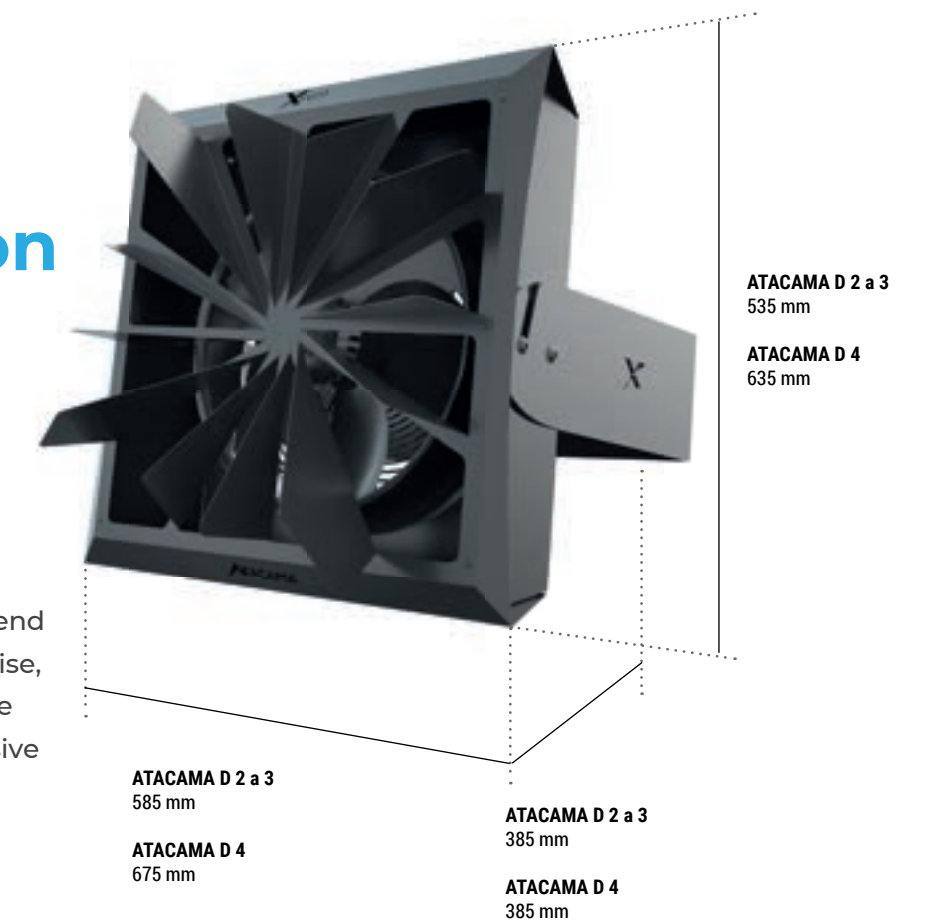
While using de-stratification



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 2 DESTRA	ATACAMA 3 DESTRA	ATACAMA 4 DESTRA
Fan type	-	EC	EC	EC
Operating area (ceiling height 4m)	m <sup>2</sup>	0-300	0-500	0-1000
Air flow	m <sup>3</sup> /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