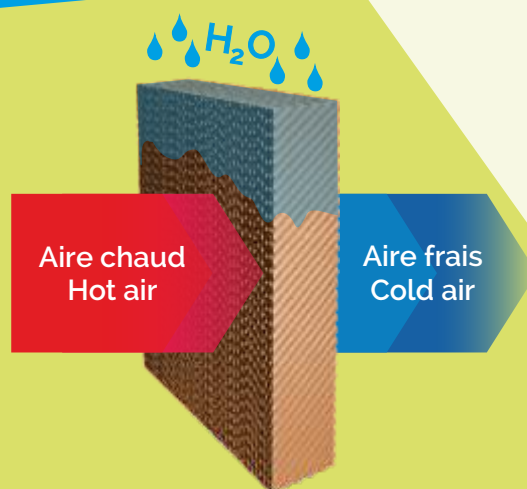


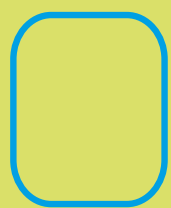


**Teddington**  
FRANCE DEPUIS 1934

Humidification et rafraîchissement  
**Systèmes évaporatifs**

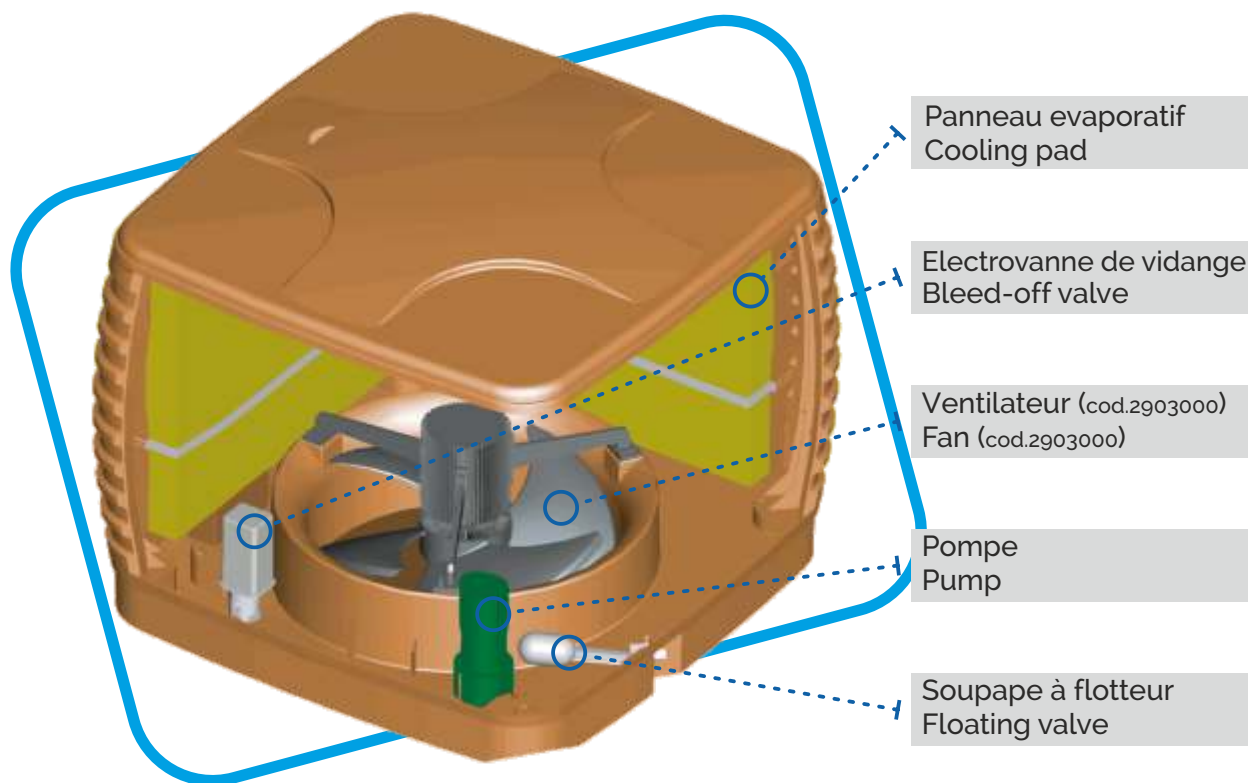
Umidification and Cooling  
**Evaporative Systems**





Roof Cooler





## Rafrâichissement pour grands ambiances Cooling for large facilities

Le Roof Cooler permet de baisser la température de l'air grâce au phénomène physique de l'évaporation.

Son fonctionnement est très simple: l'air chaud extérieur est aspiré à travers les panneaux mouillés, l'eau dans les panneaux de cellulose s'évapore, en absorbant énergie de l'air chaud et en baissant sa température.

L'air frais est poussé dans l'ambiance.

Le Roof Cooler est idéal pour une large gamme d'applications industrielle, commerciales, résidentielles et d'élevage de la zootechnie.

L'air entrant est en même temps rafraîchi et humidifié.

Plus l'air extérieur est sec, plus l'air dans l'ambiances sera rafraîchi.

Comparé aux systèmes traditionnels de climatisation de l'air, il consomme considérablement moins d'énergie.

L'installation et entretien sont facile, le Roof Cooler est la solution pour rafraîchir les grands espaces.

Roof Cooler reduces the air temperature making the most of natural physical phenomenon of evaporation.

The working principle is essentially easy: the outdoor hot air is drew in through the wetted cooling pads; the water inside the wetted cellulose panels evaporates absorbing energy from the hot air and thus reducing the air temperature. The air that was so cooled is then led into the indoor space at a lower temperature.

It is ideal for a **wide range of commercial, industrial, residential and zootechnical applications.**

The inlet air is cooled and humidified at the same time.

So, the drier the inlet air is, the cooler the air drew indoor will be.

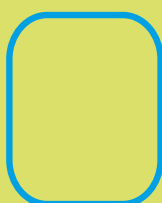
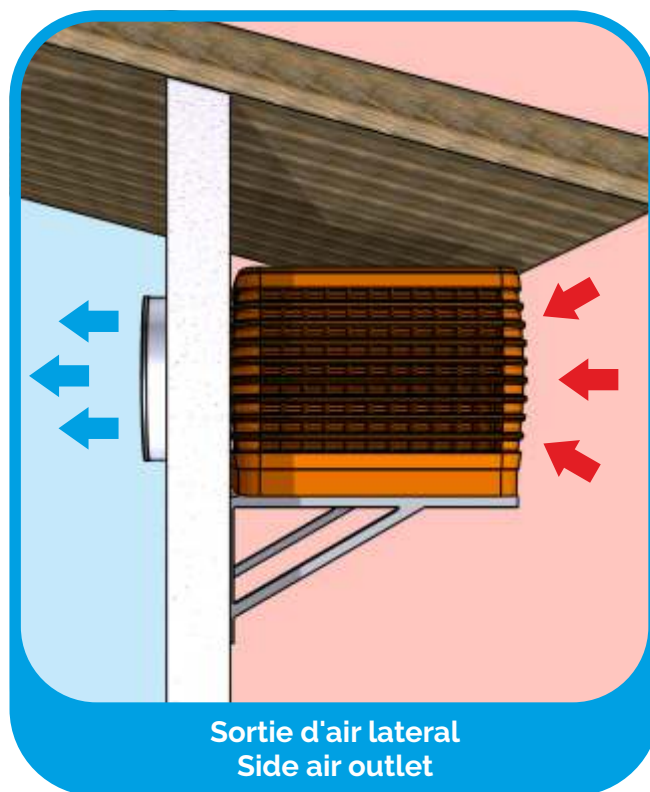
If compared with traditional air

conditioning systems **it consumes significantly less energy.**

**Easy to install and to manage** and with low maintenance costs, the Roof Cooler is the ideal solution to cool large spaces.

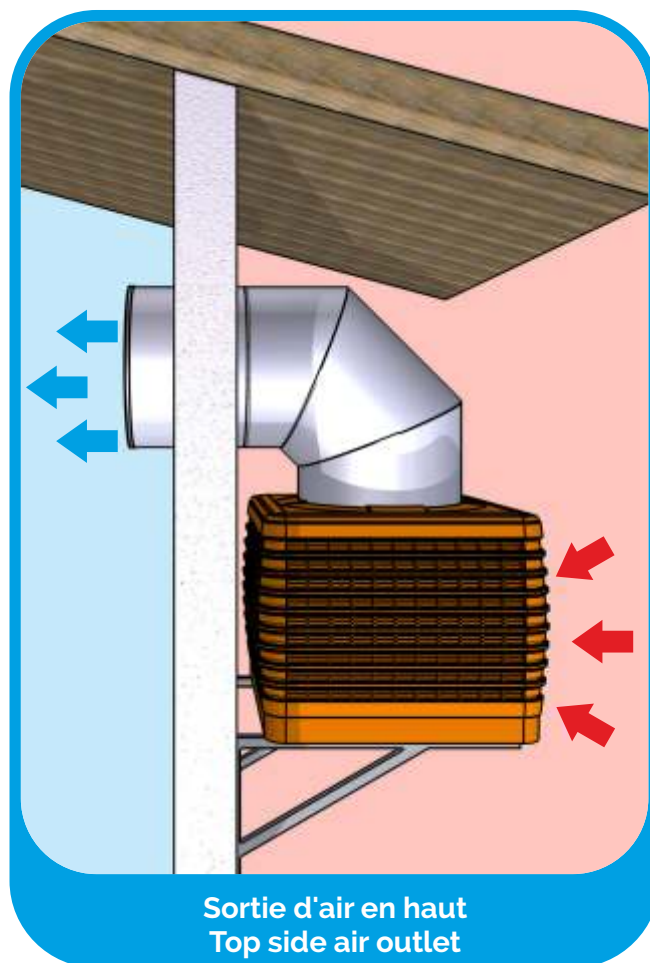
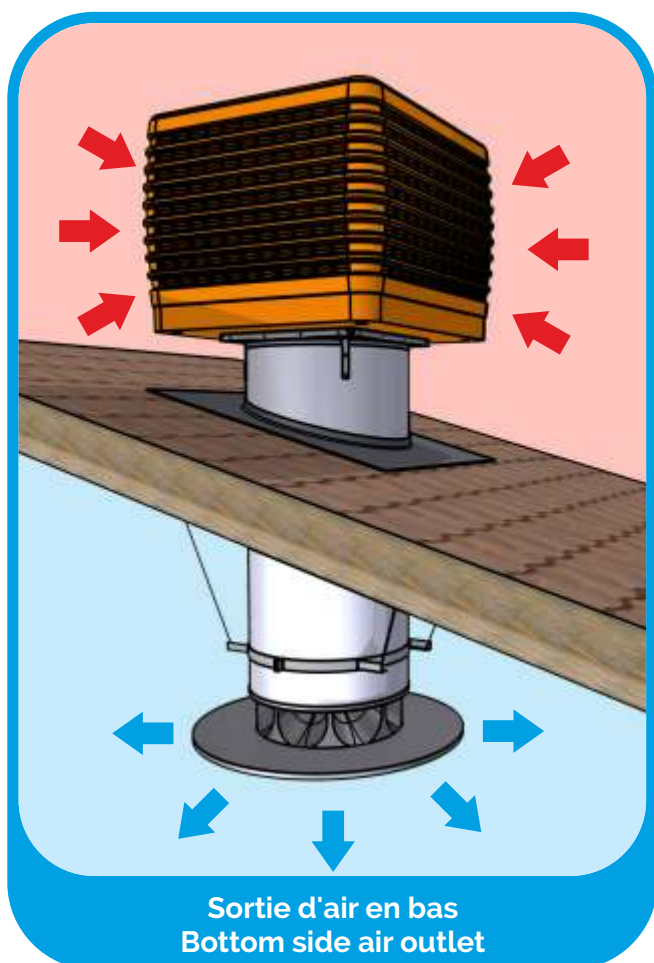
|      | 15%             | 20%             | 25%             | 30%             | 35%             | 40%             | 45%             | 50%             | 55%             |
|------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| 30°C | 16.8°C<br>77.4% | 17.8°C<br>79.6% | 18.8°C<br>81.7% | 19.7°C<br>83.6% | 20.7°C<br>85.3% | 21.5°C<br>86.9% | 22.4°C<br>88.4% | 23.2°C<br>89.8% | 24.0°C<br>91.1% |
| 35°C | 20.0°C<br>76.6% | 21.2°C<br>79.0% | 22.3°C<br>82.1% | 23.5°C<br>83.3% | 24.6°C<br>85.1% | 25.6°C<br>86.8% | 26.5°C<br>88.3% | 27.4°C<br>89.7% | 29.3°C<br>91.1% |
| 40°C | 23.2°C<br>75.9% | 24.7°C<br>78.5% | 26.0°C<br>80.9% | 27.3°C<br>83.0% | 28.5°C<br>84.9% | 29.6°C<br>86.6% | 30.7°C<br>88.2% | 31.7°C<br>89.6% | 32.7°C<br>91.0% |
| 45°C | 26.5°C<br>75.7% | 28.1°C<br>78.1% | 29.7°C<br>80.5% | 31.1°C<br>82.7% | 32.4°C<br>84.7% | 33.7°C<br>86.5% | 34.9°C<br>88.1% | 36.0°C<br>89.6% | 37.1°C<br>91.0% |
| 50°C | 29.7°C<br>74.7% | 31.6°C<br>77.7% | 33.3°C<br>80.3% | 34.9°C<br>82.5% | 36.4°C<br>84.6% | 36.4°C<br>86.4% | 39.2°C<br>88.0% | 40.4°C<br>89.5% | 41.6°C<br>90.9% |

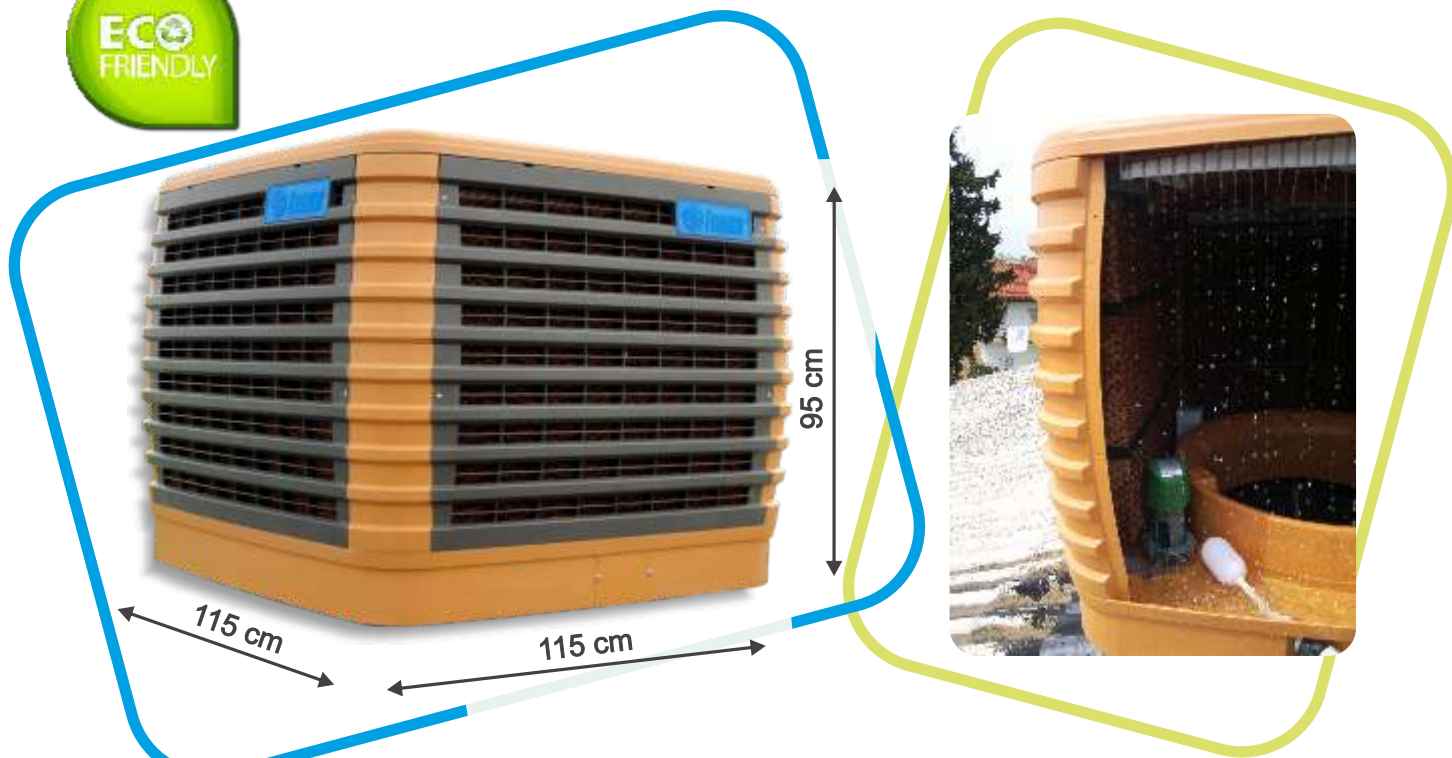
# INSTALLATION VERSATILE INSTALLATION



Une gamme complète des modèles avec sortie d'air en bas, en haut et lateral pour simplifier l'installation.

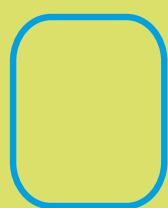
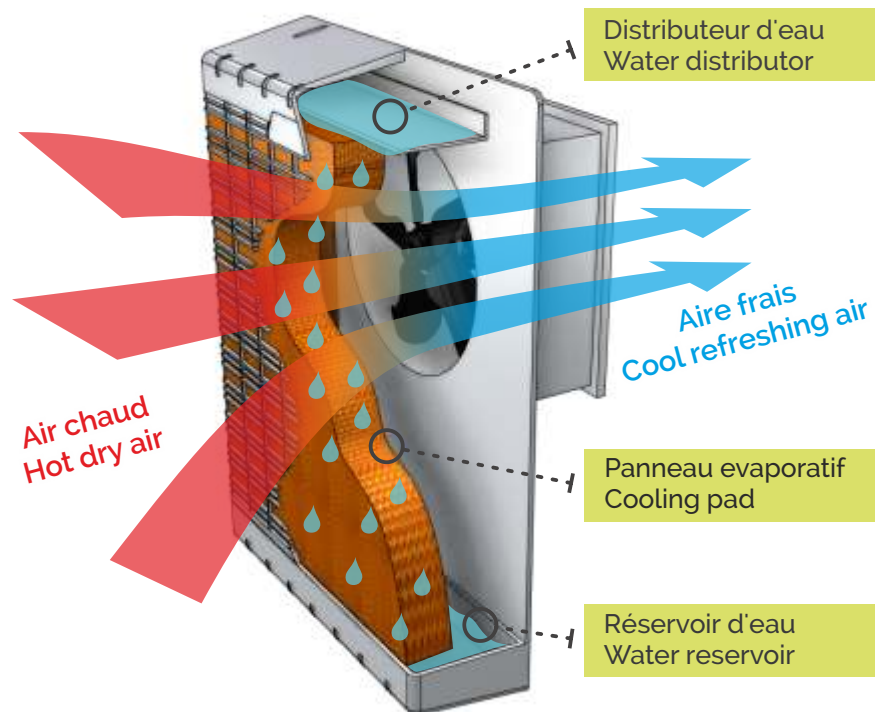
A full range of models with bottom, top or side airflow to suit every situation.





- Faible coût et simplicité d'installation
- Faible consommation d'énergie électrique
- Écologique
- Utile pour un large éventail d'applications
- Structure en plastique composite à haute résistance
- Possibilité de canalisation
- Easy and low-cost installation
- Low energy consumption
- Eco-friendly
- Suitable for a wide range of applications
- Heavy made body in composite materials
- Possibility of ducting

|                                                                     |                         |         |
|---------------------------------------------------------------------|-------------------------|---------|
| Maximum d'air traité<br>Maximum treated air flow                    | Jusqu'à 15.000 m³/h     |         |
| Alimentation électrique<br>Electrical supply                        | 3~ + N 400V             | 1~ 230V |
| Poids (quand sec)<br>Weight                                         | 96 kg                   |         |
| Capacité du réservoir<br>Tank capacity                              | 45 l                    |         |
| Dimensions<br>Dimensions                                            | L:115 x W:115 x H:95 cm |         |
| Dimensions de l'ouverture pour la canalisation<br>Outlet dimensions | 66 x 66 cm              |         |

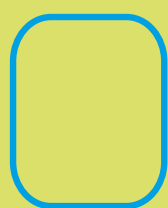


## Win Cooler

Rafrâichissement des petits espaces  
Cooling for small rooms

|                                                  |                                 |
|--------------------------------------------------|---------------------------------|
| Maximum d'air traité<br>Maximum treated air flow | 6.000 m <sup>3</sup> /h @ 57 Pa |
| Volume de couverture<br>Coverage area            | 50-70 m <sup>2</sup>            |
| Alimentation électrique<br>Electrical supply     | 230 V 50 Hz                     |
| Puissance<br>Power                               | max 250 W                       |
| Capacité du réservoir<br>Tank capacity           | 10 l                            |
| Poids<br>Weight                                  | 35 kg                           |





## Cooling Pad applications

avec ventilation forcé pour grands volumes  
with forced air ventilation for large facilities



Les données peuvent subir de variations sans préavis et obligation de communication - Data subject to variations without previous notice



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