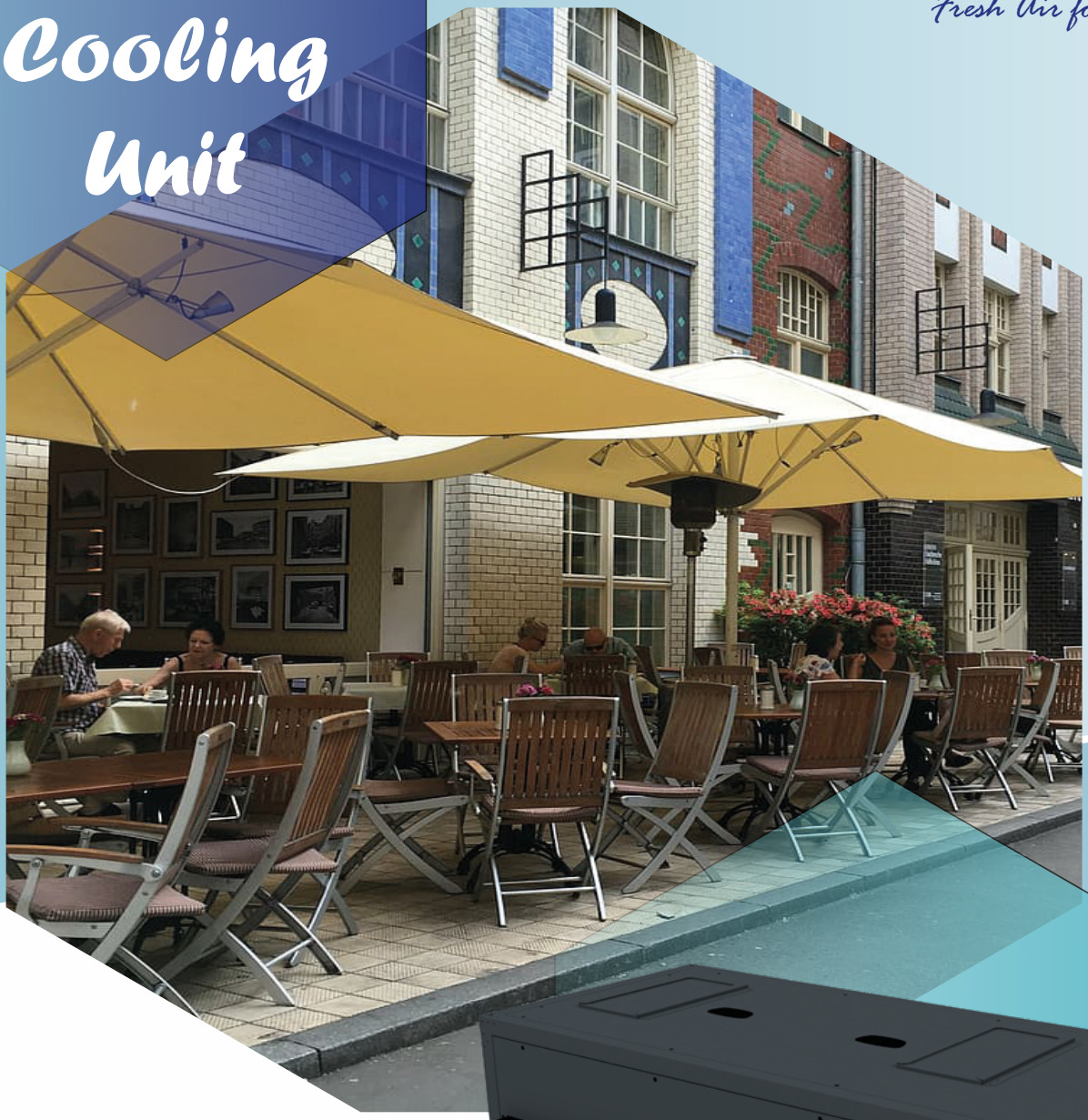
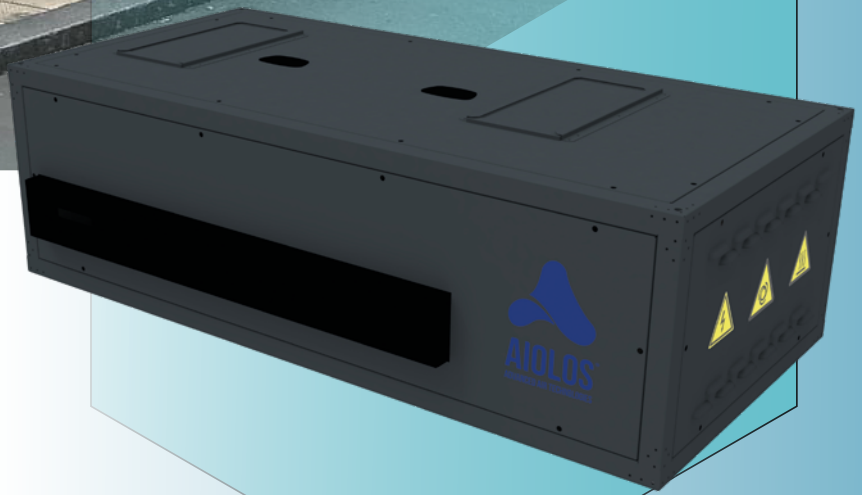
Outdoor Cooling Unit

AIOLOS®
ADVANCED AIR TECHNOLOGIES
Fresh Air for Everyone





Outdoor Cooling

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ChillOut
Outdoor A/C Unit

EN

ChillOut

Hot outdoor environments in summer cooled with ChillOut

Inspired by nature and aiming to be in harmony with nature, AiolosAir develops human-oriented and environmentally friendly products. With the motto of engineering solutions that make life easier, AiolosAir has developed the ChillOut Indirect Evaporative Cooling (IEC) Air Conditioning Unit, which puts an end to being overwhelmed by the summer heat.

Can you offer your customers cool environments outdoors in the summer heat?

In winter, businesses such as cafes and restaurants use outdoor heating solutions so that their customers can use outdoor areas. However, in the summer heat, with the customers' search for air-conditioned interior spaces, the exterior areas remain idle. Until today, many systems such as water mist system, air curtain system, use of large fans have been tried. However, a solution that puts your customers at ease could not be offered. So ChillOut does not have a counterpart yet. We cannot make a comparison because the only product in this field is ChillOut.

Smoking was banned indoors in 2009. Of course, we know the harms of smoking and we do not want anyone to smoke, but we think that we should create a comfortable place for smokers. With the law limiting smoking in indoor areas, ChillOut is the only system that offers comfort in open or semi-open areas where it is difficult to cool, such as cafes, restaurants, hotels and similar businesses, such as gazebos, winter gardens.

✓ **Energy efficient, sustainable solution**

We cannot make a comparison because the only product in this field is ChillOut

✓ **Unique aesthetic design**

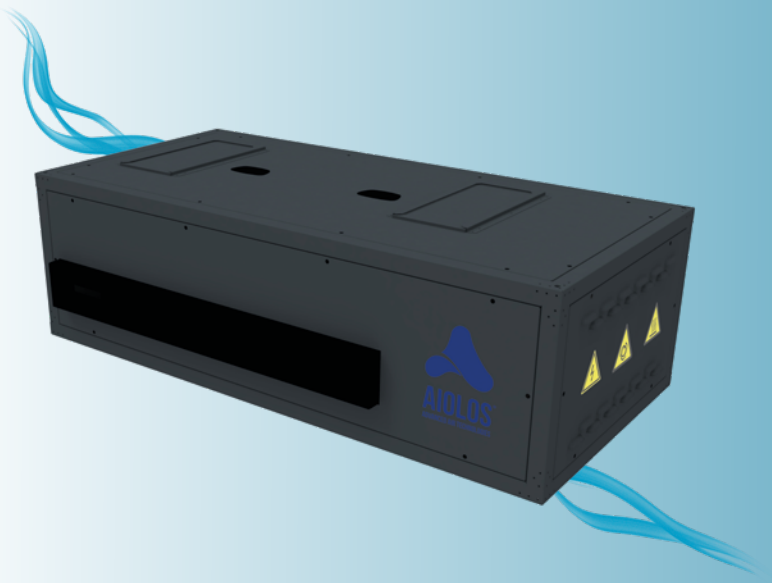
ChillOut has been designed by our engineers to adapt to the designs of your places.

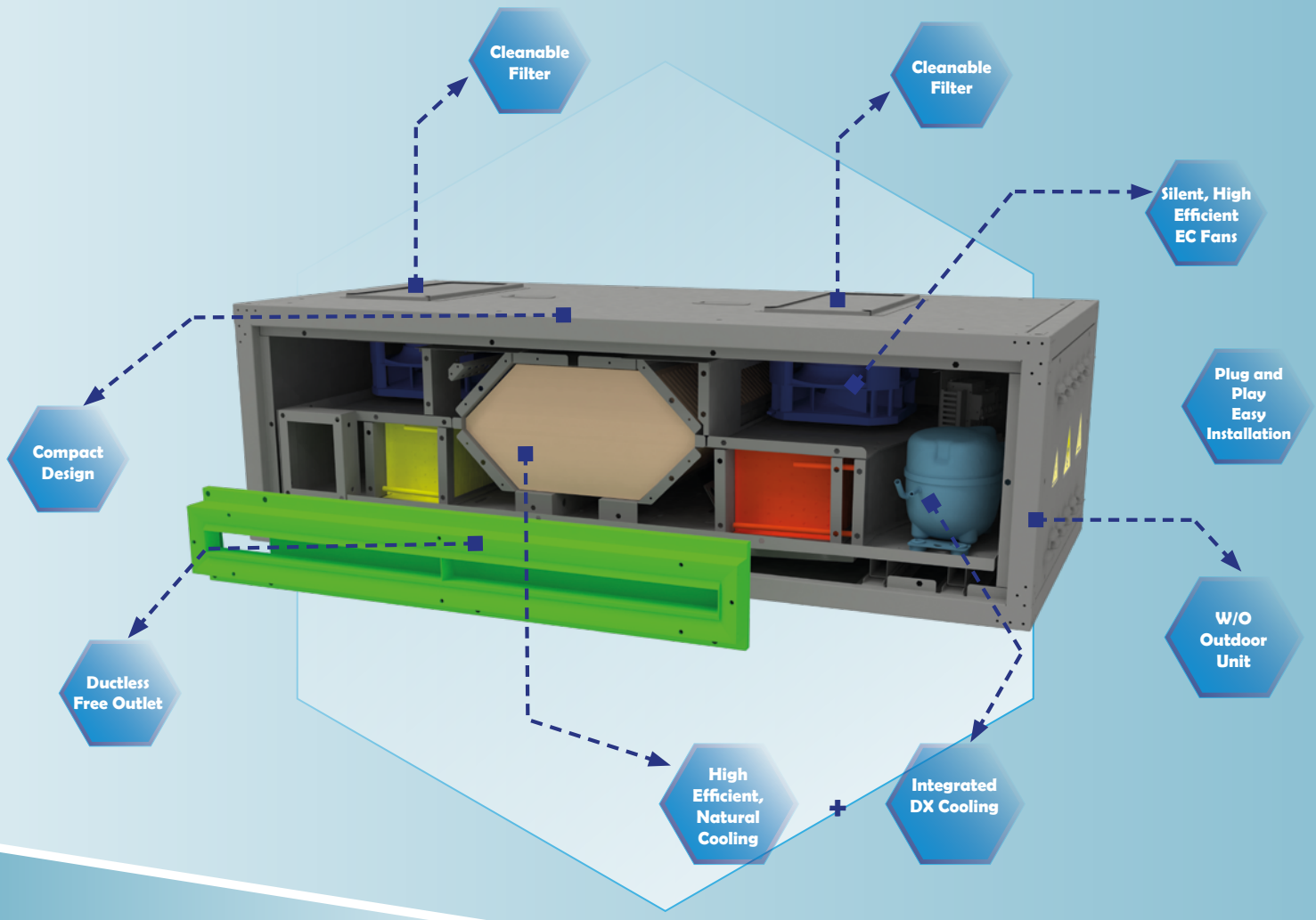
✓ **Engineering solution for external conditions**

Since Chillout is an outdoor product, it has been produced in a way that is resistant to external conditions

✓ **Easy installation**

You do not need to take a break from your business for ChillOut devices. Our expert team assembles your device within 2 hours and makes it operational.





ChillOut working principle

Thanks to our innovative design team, using the simple cooling principle from nature, ChillOut IEC unit has 2 cooling chambers. In first cooling chamber outdoor air is cooled by indirect evaporative cooling. Air from outside is cooled by water evaporation and cooled air from evaporation is meet in an high efficient heat exchanger in second cooling chamber to transfer the cooling load to the supply air. There is no humidity transfer to the supply air side. Heat transfer and recovery is done thermally inside the Counter Flow PPP Heat Exchanger developed for IEC application. By evaporation of water, very high energy efficiency can be achieved without mechanical cooling. In second step preliminary cooled air is cooled down to a comfortable temperature with integrated DX Compressor Cooling.

Thanks to the EC plug fans of the unit, high energy efficient air flow is provided. Silent operation of the unit will meet your expectation.

Performance Features

Model	Chillout
Air Volume	600 m³/h
SFP @Nominal Air Volume	0,49 kWs/m³
Power Input @Nominal Air Volume	866 Watt
EER	4,60

Summer Operation

IEC Cooling	1,81 kW
Comp. Cooling	2,19 kW
Total Cooling Cap.	4,00 kW

35°C DB / 24°C WB outdoor

Filters

Supply Pre Filter	ISO ePM_{10}
Return Pre Filter	ISO ePM_{10}

Dimensions

Width x Depth x Height	1500 x 715 x 460 mm

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| Catalogue No: 2021/004/00_EN

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