



confidence  
air

# CL Serial

## Hygienic Ventilation Unit



CE

[www.confidenceair.com](http://www.confidenceair.com)

## CL Unit

The ConfidenceAir CL series units are designed to meet the needs of environments where high hygiene standards are required. The interior surfaces are coated with materials that are easy to clean and comply with hygiene standards, minimizing microbial accumulation. Equipped with advanced filtration and water-based cooling systems, these units provide efficient and reliable climate control solutions for sensitive applications such as hospitals, laboratories, and clean rooms.



The ConfidenceAir CL series includes two models, the CL 550 and CL 1200, offering flexible solutions for different capacity needs. Both models are designed with a compact structure, making them suitable for installations where space is limited. The CL 550 is ideal for smaller environments, providing 550 m<sup>3</sup>/h airflow, while the CL 1200 is suited for larger spaces with a capacity of 1200 m<sup>3</sup>/h.

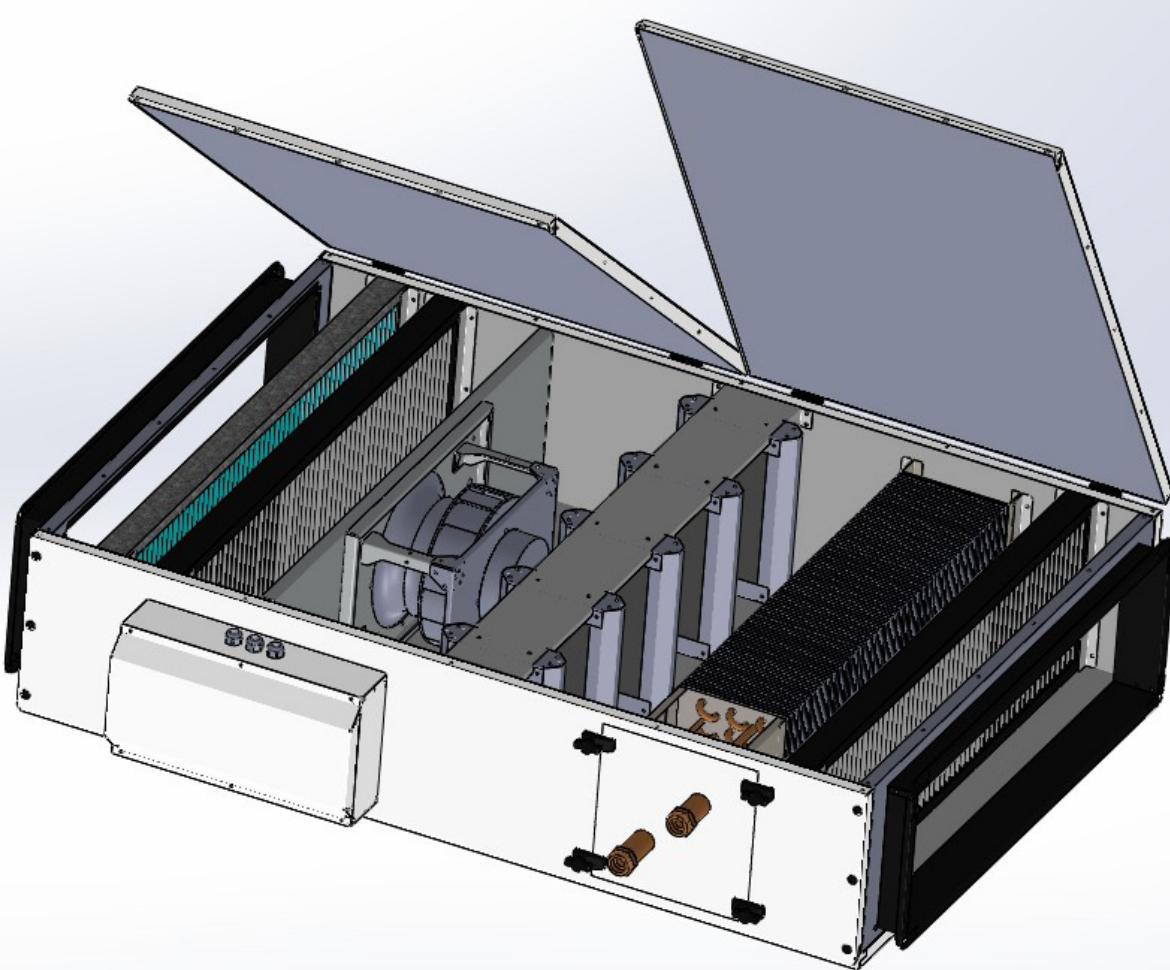
# Unit Specifications

## CASING

The casing is made with 25 mm thick panels filled with 70 kg/m<sup>3</sup> density rock wool for superior insulation. The inner surface is crafted from 0.8 mm stainless steel, ensuring durability and hygiene, while the outer surface is made from 0.8 mm thick painted steel. The units also include service doors, providing easy access to all components for maintenance, ensuring minimal downtime and convenient servicing.

## FANS

The ConfidenceAir CL series uses high-efficiency EC motor fans. These fans offer optimal performance while ensuring energy savings and operate with minimal noise, making them ideal for sensitive environments.



## COOLING COIL

Water cooling coil and condensation pan are manufactured in accordance with hygiene standards and designed to be easy to clean. It provides safe and efficient operation in hygienic environments.

## AIR FILTRATION

CL series features a 3-stage filtration system, comprising G4, F7, and F9 class filters.

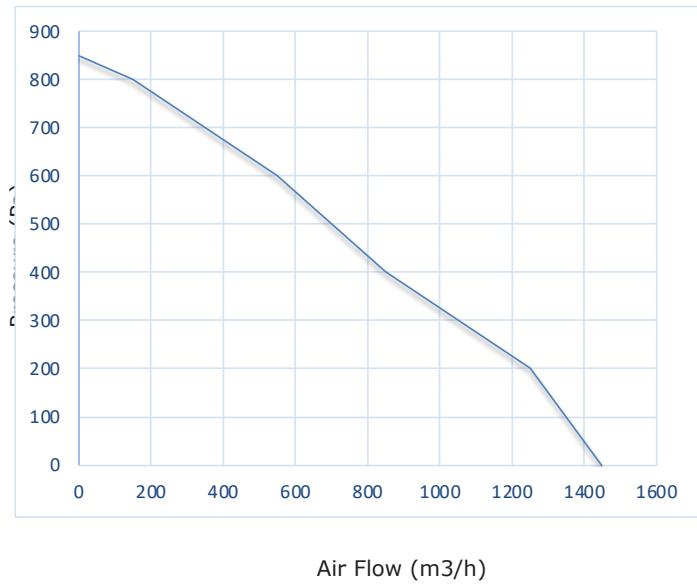
# Performance Datas

## CL 550



CL Technical Specifications		
<b>Nominal Air Flow (m<sup>3</sup>/h)</b>	550	1200
<b>External static pressure (Pa)</b>	600	600
<b>Weight (kg)</b>	95	110
<b>Filter</b>	G4-F7-F9	G4-F7-F9
<b>Cooling Capacity (kW)</b>	6,27	13,21
<b>Operating Temperature (°C)</b>	-25/55	-25/55
<b>Protection Class</b>	IP 31	IP 31
<b>Nominal Voltage (VAC)</b>	230	230
<b>Current (A)</b>	1,85	1,69
<b>Fan Power Input (W)</b>	500	1045
<b>Sound Level (dBA)</b>	54	61

**CL 550**

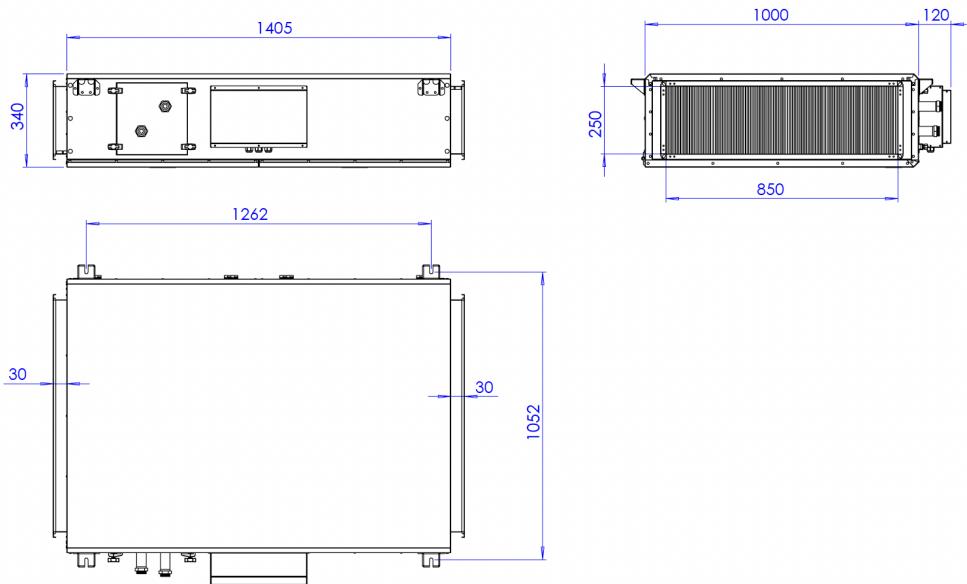


**CL 1200**

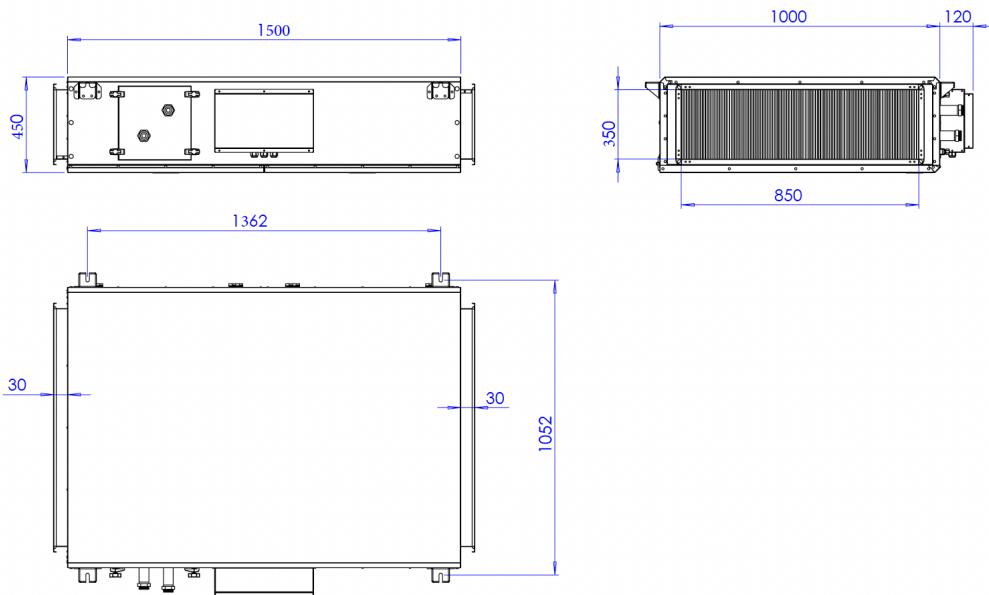


# Dimensions

## CL 550



## CL 1200





Confidenceair İklimlendirme Tic. San. LTD . ŞTİ  
[www.confidenceair.com](http://www.confidenceair.com)  
[info@confidenceair.com](mailto:info@confidenceair.com)  
Kuşçuburun Mah. 516 Sok. No: 15/2  
Torbalı-İZMİR  
TURKEY