

NEW

Great Air. Great learning.

AME 900 F

Decentralized ventilation with heat recovery

Provide a good and healthy indoor climate for learning and growth.
Introducing our new AME 900 floor mounted unit,
tailormade for schools and daycare centers.



AIRMASTER

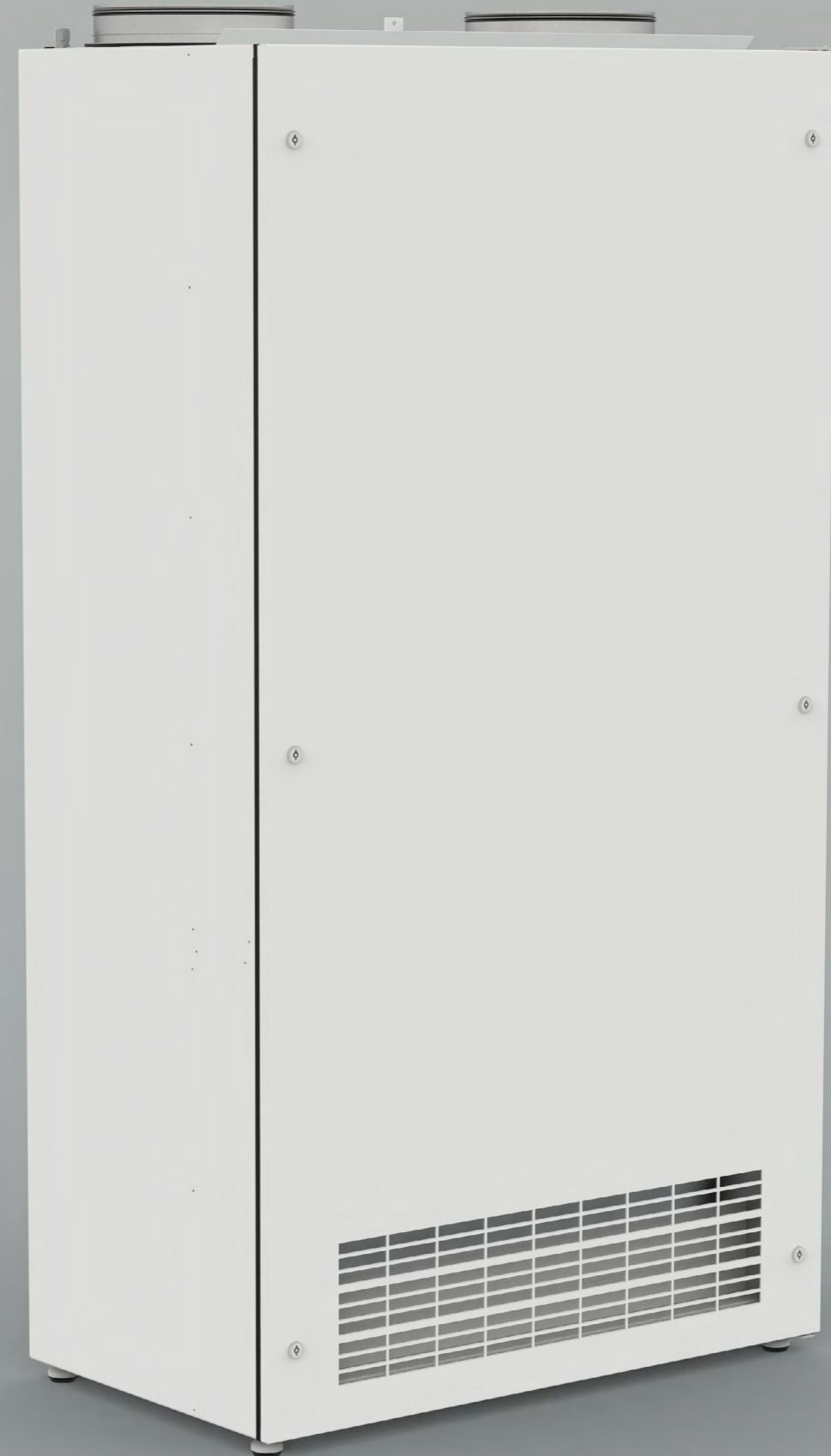
AME 900 F

Making great air easy, uncomplicated and affordable for schools and daycare centers.

At Airmaster, we believe it's crucial to improve the indoor climate in schools and daycare centers. Improved indoor air quality benefits the health and wellbeing of children and can boost their learning. Our new product line, AME, is designed to make it easy, simple and affordable for schools and daycare centers to achieve a great indoor climate.

The AME 900 F is the first in the new AME series from Airmaster. It features a single variant for intake/exhaust and supply/exhaust, along with a few straightforward options. This design ensures ease of handling, management, and operation, ideal for schools and daycares.

In other words we have taken the complexity out of making great air.



Better air - fast and affordable

The decentral AME 900 F unit is easy and fast to install in each room.

This makes it easy to improve the indoor climate without expensive and extensive ductwork and structural changes.

Low noise for great learning

At Airmaster we are the market leader in sound performance of decentralized ventilation solutions.

Our expertise in construction and design ensures that the AME 900 F delivers a very low and good sound level and provides an optimal learning environment for kids in school and daycare centers.

Simple for all to use

The AME 900 F can be customized with the user-friendly Airlinq® Orbit control panel with touch function.

The menu layout makes operation easy and simple and reduces the risk of error for whoever operates ventilation at your school or daycare.





Save Energy. Save Money.

Airmaster produce energy-efficient ventilation.

The AME 900 F is equipped with EC motors and efficient counter-flow heat exchanger that contributes to low energy consumption.

Moreover, the Airlinq[®] control systems maintains a balanced ventilation with little waste of energy.

All in all, the AME 900 F helps to reduce the energy bill by keeping consumption at a minimum.

Airlinq[®] Control ensures great air

All Airmaster decentralized air handling units are controlled by Airlinq[®] control system - our intelligent, fully automatic control system.

The Airlinq[®] control system makes it possible to use AME 900 F immediately after installation, as all basic functions are preprogrammed at the factory.

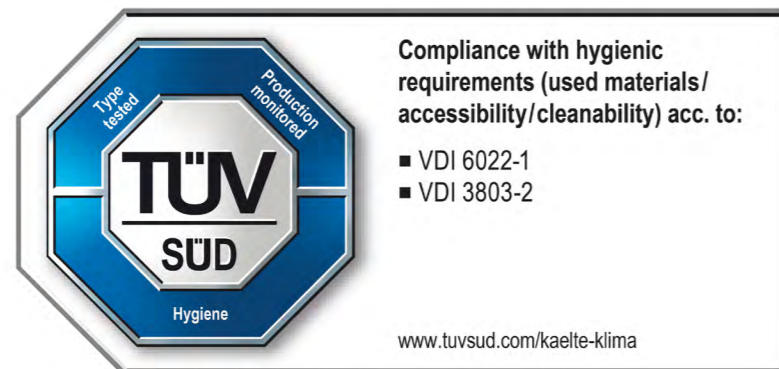
The software helps you control and maintain the desired indoor climate in the classroom or playroom, so you don't have to worry about it.

AME 900 F

Technical description & data

The first model in Airmaster's new AME product line, is tailored for schools and daycare centers. This floor-standing ventilation unit is ideal for spacious areas like classrooms and playrooms. Its classic white design seamlessly integrates into room layouts, whether positioned on the floor or discreetly between cabinets.

AME 900 F ensures efficient, noise-free air replacement with a maximum sound pressure level. It features high heat recovery efficiency and low power consumption, employing energy-efficient EC motors for silent operation and flexible adjustment. It is VDI 6022 certified, to ensure fulfillment of hygiene requirements.



AME 900 F comes standard equipped with a built-in CO₂ sensor and an LED indicator for warnings or alarms.

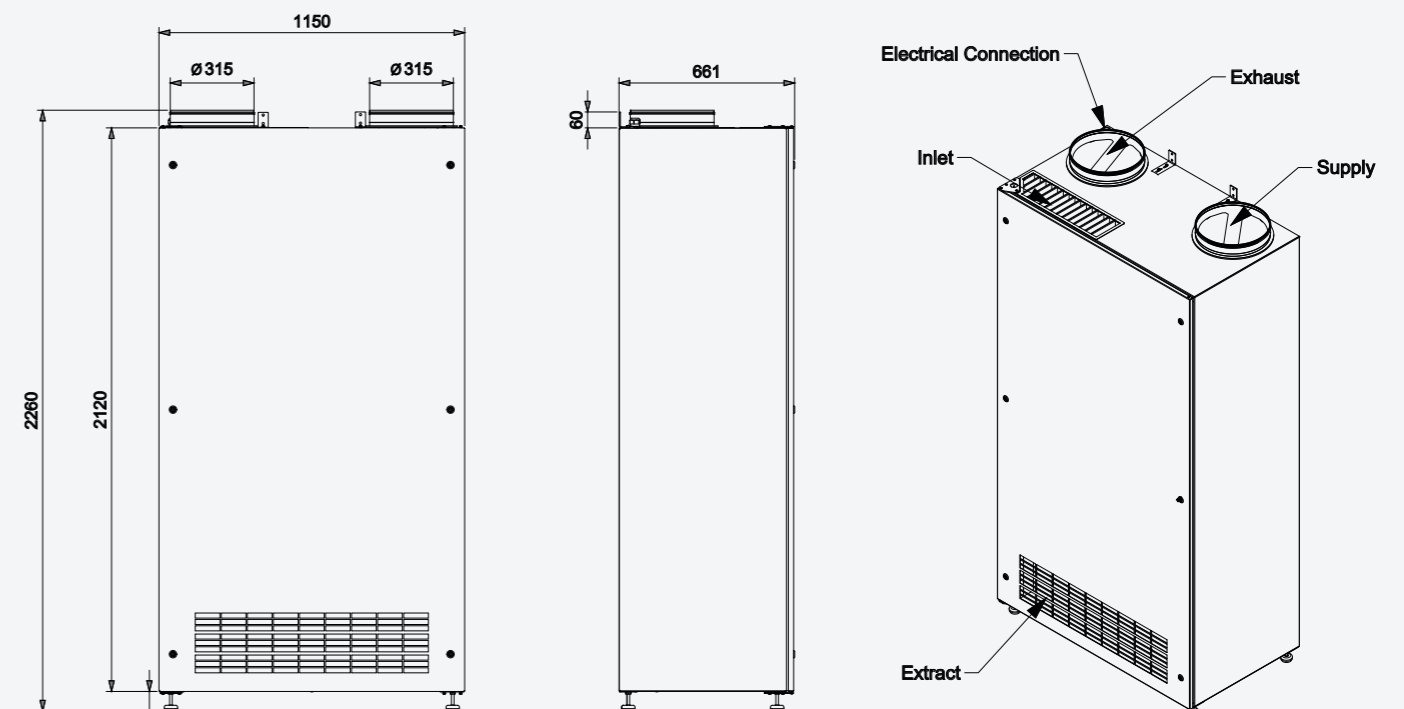
The unit can be supplied with various customization options:

- Electric comfort heater
- Electric preheater
- Condensate pump
- Orbit control panel
- Smoke detector
- Airlinq® Online
- Airlinq® Online API
- MODBUS® RTU RS485

Explore options on the following pages.

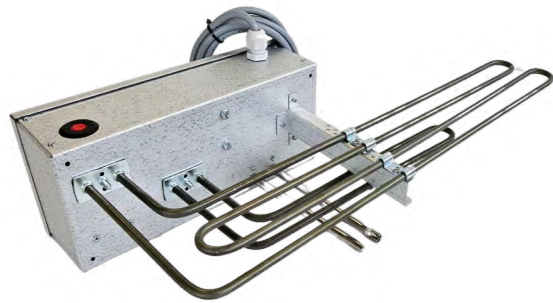
Technical data	30 dB(A)	35dB(A)
Maximum capacity *	710 m ³ /h	900m ³ /h
Supply air filter	ePM ₁₀ 50% or ePM ₁ 55%	
Extract air filter	ePM ₁₀ 50%	
Dimensions (WxHxD)	1150 x 2260 x 661 mm	
Minimum ceiling height	2300 mm	
Weight: standard air handling unit, complete	281 kg	
Duct connection	Ø315 mm	

* With Supply/extract filter ePM₁ 55% / ePM₁₀ 50%



Comfort Heater

AME 900 F incorporates an electric comfort heating surface to support inlet air temperature due to the small heat loss in the counterflow exchanger in cold weather conditions. The Airlinq[®] system optimizes energy use by activating heating only when necessary, ensuring balanced air handling even in cold climates.



Condensate Pump

AME 900 F features automatic condensation management. Condensation collects in a tray equipped with a float sensor that detects water levels. For rooms with higher humidity, an optional fully automatic condensate pump directs excess condensation to a drain.



Smoke Detector

With an integrated EN54-27 approved smoke detector it is possible to prevent external smoke from being drawn into the ventilated room through the air handling unit. If external smoke is detected, the smoke detector shuts down the unit and both dampers closed fully to prevent further spread.



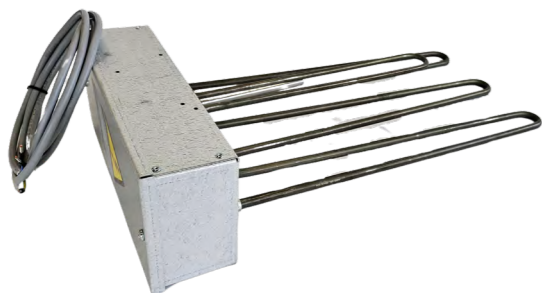
Built-in CO₂ Sensor

The CO₂ sensor measures the CO₂ level in the room, and the control system then adjusts the rate of air replacement in the room according to the CO₂ level. This provides both a high level of indoor air quality with a reduced energy consumption.



Preheater

AME 900 F with an electric preheater warms the outside air before it is supplied to the counterflow heat exchanger, thereby preventing ice formation in the heat exchanger. To maintain balanced ventilation, the Airlinq[®] control system monitors the temperature conditions in the unit. This ensures that the preheaters are only activated when necessary, thus keeping energy consumption to a minimum.



Orbit Control Panel

The Airlinq[®] Orbit control panel with touch function is user-friendly for navigating and setting operating parameters. The menu structure makes operation simple and clear, reducing the risk of incorrect operation.



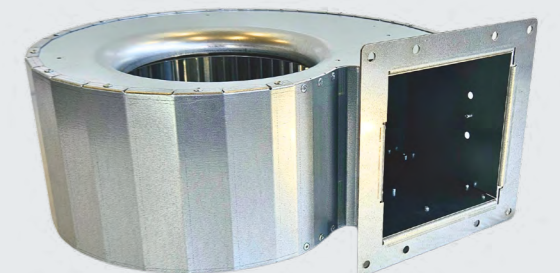
Heat Exchanger

The AME 900 F has an efficient counterflow heat exchanger certified for superior temperature efficiency by European standards. Its strategic placement near outer walls minimizes air extraction and supply distance, significantly reducing energy consumption and pressure loss by eliminating the need for long ventilation ducts.



Ventilator

AME 900 F uses energy-efficient EC motors, which provide low energy consumption, good control characteristics, and quiet operation.



Let's help improve your indoor climate.

At Airmaster we know that a great indoor climate help toddlers make new discoveries, children in kindergarten to develop new skills and schoolkids to stay concentrated in the classroom.

That's why we put our passion and know-how into innovating, testing, and designing solutions that provide the best indoor climate with the lowest environmental impact for our future.

We are the market leader within decentral ventilation and offer the most comprehensive product range - designed, tested and produced in Denmark.

With more than 120.000 installed units in industrial, commercial, and public buildings across the globe we are your experienced and trusted partner for improving your indoor climate.