

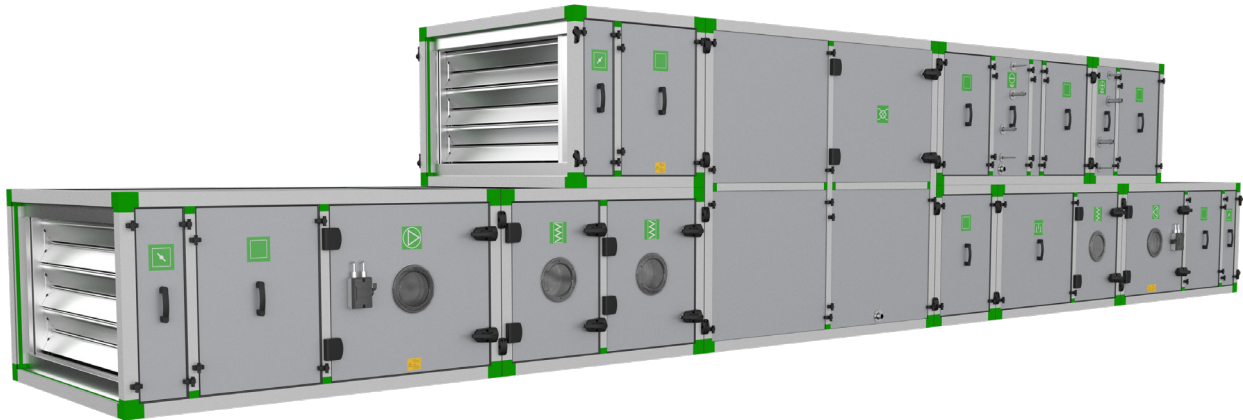


HYGIENE AND COMFORT FOR HOSPITALS AND PUBLIC BUILDINGS

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The Salda Hygienic unit was developed, tested and approved according to the new Eurovent Certification Company rating standard for Hygienic Air Handling Units. Nowadays, hygiene is critically important not only for hospitals, but also for public buildings, and the new unit meets the demand for clean and healthy air

in a wide range of areas for everyday life. The reliability and serviceability of the units are much higher than the VDI 6022 standard requires. The Salda Hygienic has proved to be the most service friendly unit on the market.



WHY AmberAir?

- › Top class SW50+ casing: exceeds Eurovent requirements;
- › Wide range of options: airflow from 1000 up to 80,000 m³ with multiple component variations;
- › Antimicrobial: all non-metallic parts inside the unit (sealants, gaskets, filters, etc.) have been tested according to the EN ISO 846 standard to prove the impossibility for bacterial growth;
- › Anticorrosive: all metallic materials inside the unit (panels, rails, holding constructions and components itself) comply with corrosion class C3 according to EN ISO 12944-2, and the drip trays are made from stainless steel EN 1.4301 (AISI 304);
- › Maintenance friendly: quickly accessible or easy removable components to ensure proper cleaning.

DESIGNED TO SUPPLY CLEAN, HEALTHY AIR:



Educational
buildings



Offices



Retailers



Hotels



Hospitals

ECP HYGIENIC AIR HANDLING UNITS: MORE RELIABLE THAN THE VDI 6022 STANDARD REQUIRES:

- › Detailed specifications;
- › Annual audits;
- › Specific requirements for selection software.

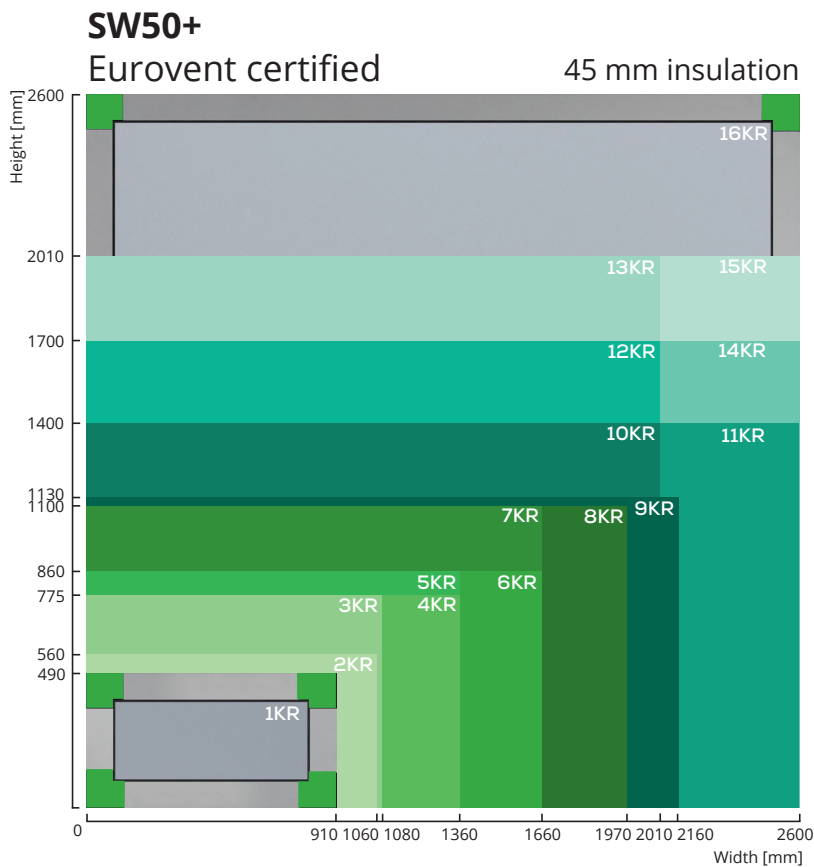
AmberAir SW50+ CASING PROPERTIES:

MORE THAN REQUIRED FOR ITS HYGIENIC DESIGN

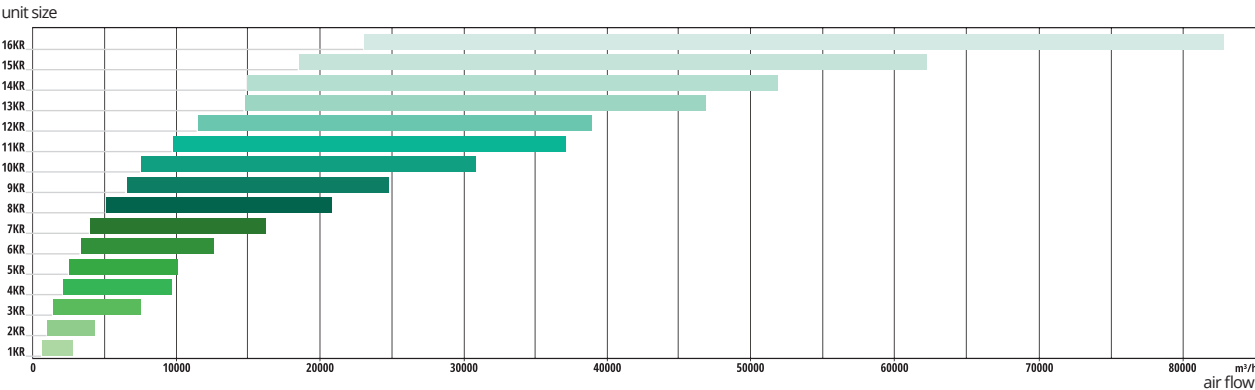
Model	Casing strength class	Casing air leakage class at 400 Pa	Casing air leakage class at 700 Pa	Filter bypass leakage class	Thermal transmittance class	Thermal bridging factor class
AmberAir SW50+	D1(M)	L1(M)	L1(M)	F9(M)	T2	TB1
Eurovent Hygienic 2 requirements	D2 (M)	L2 (M)	L2 (M)	Not specified	Not specified	TB3

WIDE RANGE OF AMBERAIR

SIZES FOR YOUR PROJECTS



Supply air flow volume



EXCEPTIONAL FEATURES OF **AmberAir HYGIENIC:**

SW50+

L1

Leakage class

D1

Mechanical strength class

F9

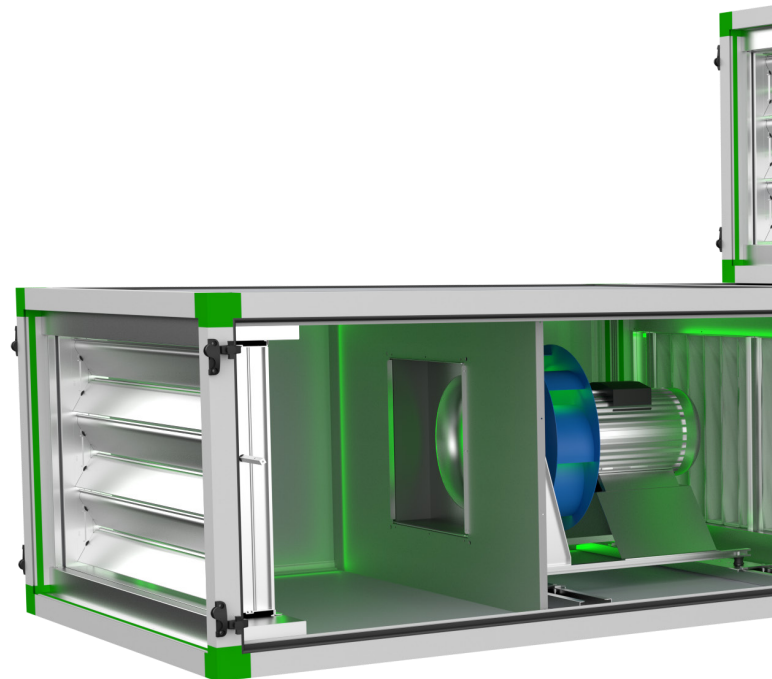
Filter bypass leakage class

T2

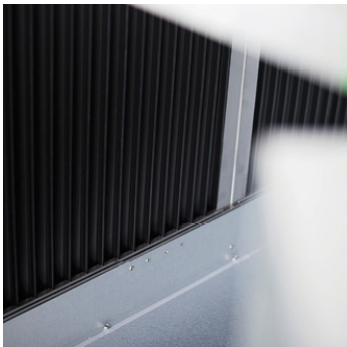
Thermal transmittance class

TB1

Thermal bridging class



› Smooth internal surfaces prevent accumulation of dust and dirt, facilitates easy cleaning and disinfection.



› Convenient Service sections.
› Components of unit are easy accessible for cleaning or quickly removable.



› Corrosion class C3/C4 metallic parts are highly resistant to commonly used cleaning and disinfection agents.



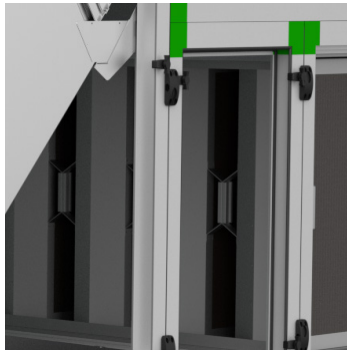
FILTERS

- › M5-F9 class pocket filters.
- › HEPA/EPA filters.
- › Activated carbon cartridges filters.



SILENCER

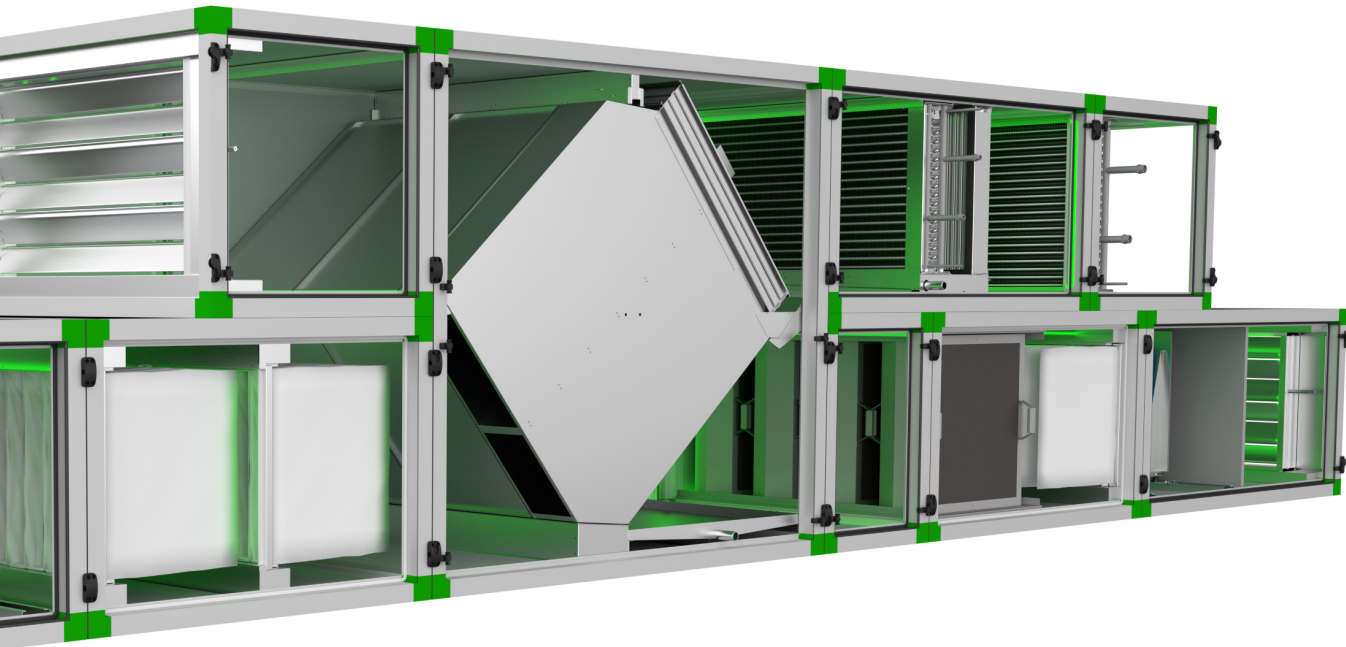
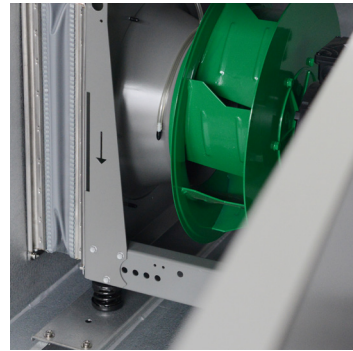
- › With casing.
- › Stone wool with glass fiber.
- › removable silencer's baffles.



FANS

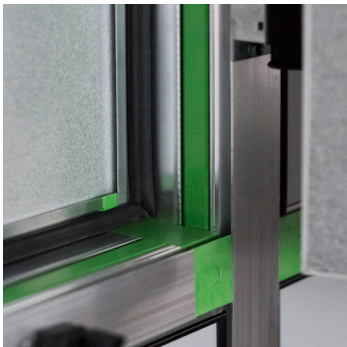
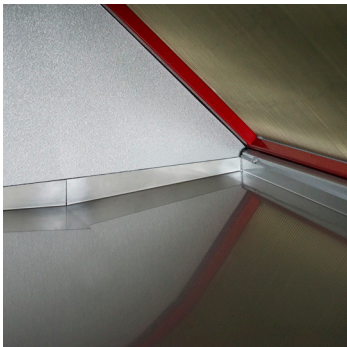
PM / EC / AC

- › Only direct driven fans.



ANTIBACTERIAL GROWTH PROOF

- › Sealants.
- › Gaskets.
- › Filters.



DAMPER

- › Aluminium blades.
- › Damper leakage class: 2/4.

