



Single-room ventilation of schools, offices, and other public and commercial spaces.

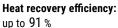
Unit air flow capacity is selected based on the individual requirements of each particular space.

These units are ideally suited for creating simple yet highly efficient ventilation systems in newly erected and renovated spaces without requiring ducting installation.



Air flow: up to 1000 m³/h













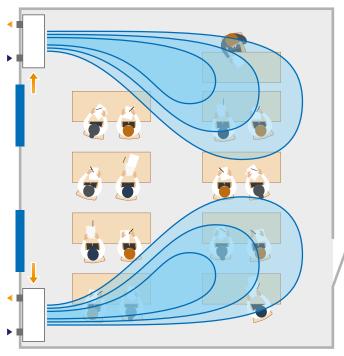


Features

- o EC motors
- Heat recovery efficiency up to 91%



- Heat- and sound-insulation 40-80 mm
- Automatic supply and exhaust air dampers
- Summer bypass function
- Modifications with preheating for additional freeze protection and reheating for supply air temperature increase are available
- o S21 automation



Single-room ventilation system example



Control and automation

- The CIVIC EC DB 1000 units are equipped with a build-in automation system.
- The S21 controller allows integrating the unit into the **BMS** (**Building Management System**).
- The unit can be controlled by the **Blauberg AHU** mobile application via Wi-Fi.







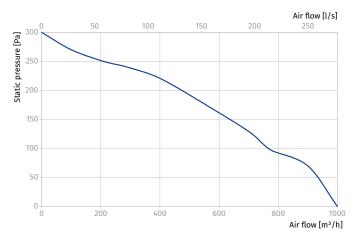
lodbus

Download the **Blauberg AHU** app for iOS

Technical data

Parameters	CIVIC EC DB 1000			
Supply voltage, 50 (60) Hz [V]	1~ 230			
Maximum unit power (without an electric heater) [W]	260			
Maximum unit current (without an electric heater) [A]	1.9			
Maximum air flow [m³/h]	1000			
RPM [min-1]	2150			
Sound pressure level at 3 m distance [dBA]	35			
Maximum transported air temperature [°C]	-25+40			
Case material	painted steel			
Insulation	40-80 mm, mineral wool			
Extract filter	G4			
Supply filter	G4, F8			
Heat recovery efficiency* [%]	up to 91%			
Heat exchanger type	counter-flow			
Heat exchanger material	aluminum			
SEC class	Α			

^{*}Heat recovery efficiency is specified in compliance with EN 13141-8.



Automation functions

Unit control via a wired remote control panel (option) Unit control via a wiredess remote control panel (option) Unit control via a wiredess remote control panel (option) Unit control via a wired remote LCD control panel (option) Unit control via a wired remote LCD control panel (option) BMS (Building Management System) Ethernet MODBUS (RTU, TCP) Blauberg Cloud Server service + Speed selection + Filter replacement indication according to filter timer according to filter clogging differential pressure switch readings full alarm description in the mobile application Week-scheduled operation + Bypass automatic manual Timers + Boost mode + Fireplace mode + Fireplace mode + Fireze protection through cyclic stops of the supply fan through preheating (option) using a bypass Reheater connection option Cooler connection option Minimum supply air temperature control + Humidity control option VOC controller option PM2.5 control option Fire alarm sensor connection option Fire alarm sensor connection option Fire alarm sensor connection option	Functions	CIVIC EC DB 1000				
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PM2.5 control option	CO ₂ controller	option				
	VOC controller	option				
Fire alarm sensor connection option	PM2.5 control	option				
	Fire alarm sensor connection	option				

Overall dimensions [mm]

	ØD	Н	H1	H2	L	L1	w	W1	W2	W3
CIVIC EC DB 1000	312	538	562.6	319.5	1201.5	1241.7	1900	420.4	1295	600.4

