CIVIC EC LB 1200



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.

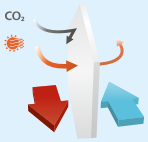
These units are ideally suited for creating simple yet highly efficient ventilation systems in newly erected and renovated spaces without requiring ducting installation.

Air flow:
up to 1200 m³/h
333 l/s

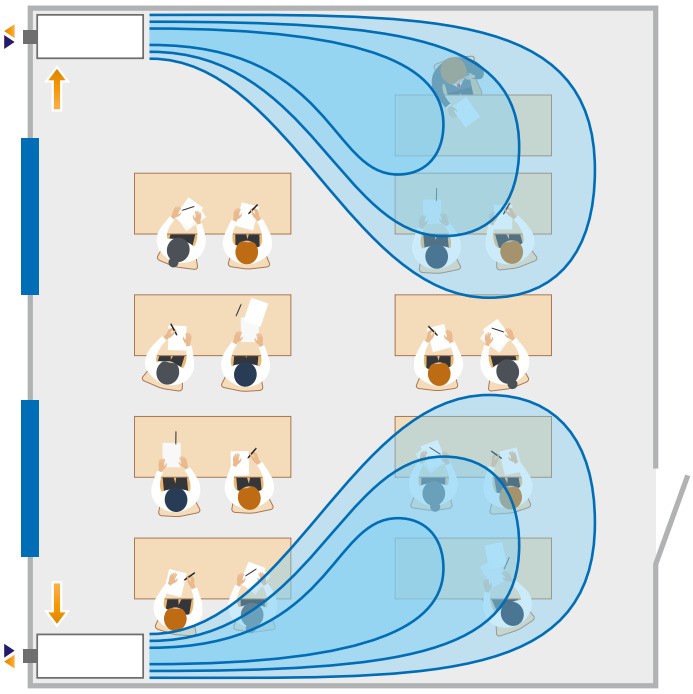
Heat recovery efficiency:
up to 91 %

Features

- 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
- S21 automation



Single-room ventilation system example

Control and automation

- The **CIVIC EC LB 1200** 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.

Download the **Blauberg AHU** app for Android

Download the **Blauberg AHU** app for iOS

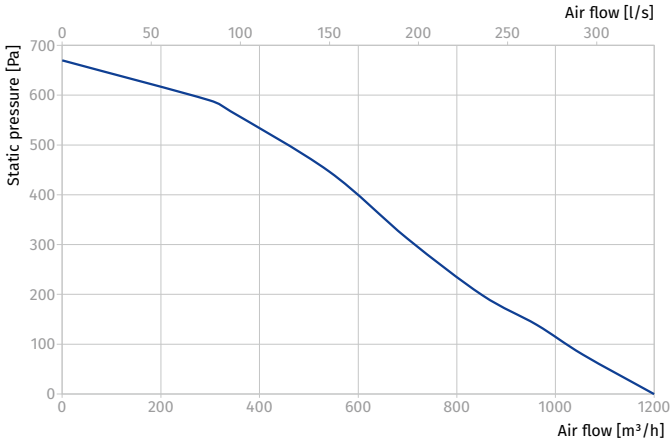
Automation functions

Functions	CIVIC EC LB 1200
Unit control via Wi-Fi using a mobile application	+
Unit control via a wired remote control panel	S22 control panel (option) 
Unit control via a wireless remote control panel	S22 Wi-Fi control panel (option) 
Unit control via a wired remote LCD control panel	S25 control panel (option) 
BMS (Building Management System)	RS-485
	Wi-Fi
	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
Alarm indication	full alarm description in the mobile application
Week-scheduled operation	+
Bypass	automatic
	manual
Timers	+
Boost mode	+
Fireplace mode	+
Freeze protection	through cyclic stops of the supply fan
	through preheating (option)
	using a bypass
Reheater connection	option
Cooler connection	option
Kitchen hood connection	option
Minimum supply air temperature control	+
Humidity control	option
CO_2 controller	option
VOC controller	option
PM2.5 control	option
Fire alarm sensor connection	option

Technical data

Parameters	CIVIC EC LB 1200
Supply voltage, 50 (60) Hz [V]	1~ 230
Maximum unit power (without an electric heater) [W]	450
Maximum unit current (without an electric heater) [A]	2.1
Maximum air flow [m³/h]	1200
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	A

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



Overall dimensions [mm]

	ØD	H	H1	H2	H3	H4	L	L1	W	W1
CIVIC EC LB 1200	397	2000	2106	545	1110	70	535	265	1900	1951

