



BOREAS H

VMC IN VIEW

Unit for air renewal with heat recovery, ePM1 - 70% filtration and active sanitization. Boreas is able to monitor indoor air quality thanks to the CNW control which features an equivalent VOC/CO₂ sensor. The CNW control features an automatic mode in which the air flow is regulated based on the concentration of VOC/CO₂ detected in the environment. Thanks to the presence of the DUST FREE® device, Boreas is able to actively and continuously sanitize the environment and surfaces.

DESCRIPTION

Boreas is a mechanical ventilation unit with heat recovery that can operate autonomously without the need to install a complete ducted system. The unit is easily installed horizontally on the ceiling and only requires two holes with a diameter of Ø 250mm. The panel **CNW** that manages the unit, has a Wi-Fi card for control via APP (CNW apart).

FEATURES

- Cross-flow heat exchanger.
- Management via CNW panel with Wi-Fi card and equivalent VOC/CO₂ sensor.
- Simplified horizontal installation.
- Decentralized unit.



TECHNICAL DATA

UNIT	BOREAS 60	BOREAS 120
MAX AIR FLOW (mc/h)	620	1150
FILTERS	4x ePM1-70%	4x ePM1-70%
ELECTRICAL SUPPLY (V/ph/Hz)	230/1/50	230/1/50
SOUND PRESSURE ¹ dB(A)	41	43
RECOVERY EFFICIENCY (EN305)	91,8%	90,4%
MACHINE CODE	BOREAS-60H	BOREAS-120H
PRICE	5.139,10 €	7.090,00 €
CONTROLLER CODE	CNW-BOREAS	CNW-BOREAS
PRICE	278,30 €	

¹ Sound pressure at nominal flow V3 at 3 m in free field (according to UNI EN 3744)

* RECOMMENDED SIZING FOR SCHOOL CLASSROOM		
TYPE OF SCHOOL	BOREAS 60	BOREAS 120
KINDERGARTEN	43 people (max)	79 people (max)
PRIMARY SCHOOL	34 people (max)	63 people (max)
SECONDARY SCHOOL 1° GRADE	29 people (max)	53 people (max)
SECONDARY SCHOOL 2° GRADE	25 people (max)	46 people (max)

*Data calculated according to UNI 10339 standard

DIMENSIONAL DATA

UNIT		BOREAS 60	BOREAS 120
WIDTH (L)	mm	1033	1440
DEPTH (P)	mm	904	905
HEIGHT (H)	mm	403	405
Ø AIR INTAKE/EXHAUST CONNECTIONS.	mm	200	250
WEIGHT	kg	71	88

