Wall-mounted exhausts

CWS-EHA1

Description

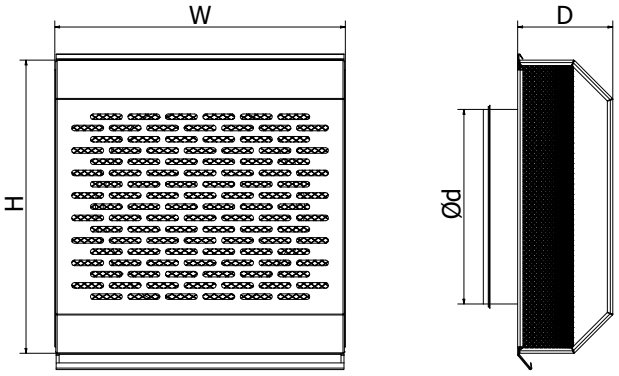
The CWS-EHA1 wall-mounted exhaust unit is designed for mechanical ventilation systems with heat recovery (recuperation). It ensures effective exhaust of stale air from inside the building while maintaining optimal air velocities and low air resistance. The wall-mounted exhaust unit is made of galvanized steel sheet, ensuring high corrosion resistance and durability during many years of outdoor operation. The entire unit is coated with a powder-coated finish in RAL 9016 (CWS-EHA1-xxx-xxx-xxx) or 7016 (CWS-EHA1-xxx-xxx-xxx-RAL7016), which effectively protects against the elements, UV radiation, and mechanical damage, while ensuring an attractive appearance.
The front of the vent consists of a perforated plate with longitudinal holes, designed to allow air to escape freely while limiting the entry of precipitation into the ventilation duct. At the rear of the unit is a nipple-type connection fitting with an EPDM gasket, enabling a quick and airtight connection to the ventilation system. The outlet is equipped with a protective grille made of corrosion-resistant material, which protects the system from the ingress of leaves, insects, and other contaminants. The design also ensures low flow resistance and an even distribution of the exhaust airflow. The smooth interior surfaces minimize the buildup of dust and other contaminants, which facilitates periodic cleaning and helps maintain the high efficiency of the ventilation system.

Product code example

Product code: **CWS-EHA1-160-250-250-RAL7016**

type
joint diameter Ød
height
width
RAL7016 colour

Dimensions



Index	Ød [mm]	H [mm]	W [mm]	D [mm]
CWS-EHA1-100-160-160	100	160	160	45
CWS-EHA1-125-160-160	125	160	160	45
CWS-EHA1-160-250-250	160	250	250	65
CWS-EHA1-200-250-250	200	250	250	65
CWS-EHA1-200-300-300	200	300	300	95
CWS-EHA1-250-300-300	250	300	300	95
CWS-EHA1-250-400-400	250	400	400	115
CWS-EHA1-315-400-400	315	400	400	115

Index	Recommended maximum airflow [m³/h]
CWS-EHA1-100-160-160	125
CWS-EHA1-125-160-160	125
CWS-EHA1-160-250-250	250
CWS-EHA1-200-250-250	250
CWS-EHA1-200-300-300	500
CWS-EHA1-250-300-300	500
CWS-EHA1-250-400-400	800
CWS-EHA1-315-400-400	800

ALNOR® ventilation systems
is a registered trademark protected by a technical patent. All modification rights reserved.

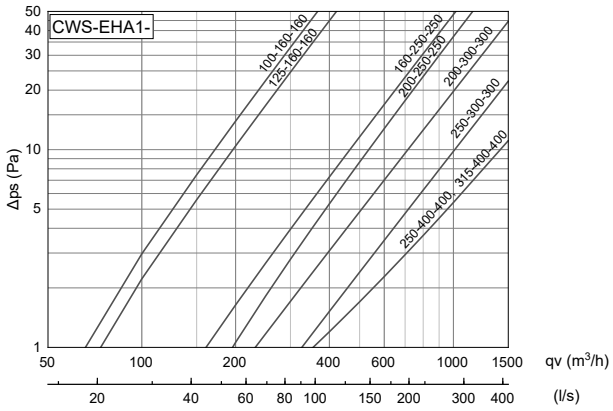
Wall-mounted exhausts

CWS-EHA1

Technical data

The volumetric flow rate qv (l/s or m³/h) and the static pressure drop Δps (Pa) can be read from the graph below.

Aerodynamic characteristics:



ALNOR® ventilation systems
is a registered trademark protected by a technical patent. All modification rights reserved.