

11022395

INEA EXPERT 100 H

INEA EXPERT is an intelligent continuous extractor that automatically adjusts its speed in response to pressure losses and is easily configured via an LED screen.



INEA EXPERT 100



INEA EXPERT 100 front view

PRODUCT BENEFITS

- LED panel for easy configuration of airflow settings, humidity level and timer,
- automatic adaptation of speed (minimum, intermediate and maximum) to achieve the selected airflow settings even in difficult configurations,
- extra quiet: as low as 9 dB(A).

Principles of operation

The INEA EXPERT continuous extractor delivers ongoing ventilation of a space up to 12 m²: kitchen, bathroom, WC or laundry room.

Its operation is automatic with humidity detection and smart speed control, to ensure the specified airflow settings are achieved even in difficult configurations.

Product description

INEA EXPERT is a smart continuous extractor, ultra-low consumption with optimal design to meet the needs of difficult configurations. This unit provides continuous 24/7 ventilation for rooms up to 12 m²: kitchen, bathroom, WC, laundry room. It guarantees optimum comfort with a configuration that is simple and easy to adjust via its LED panel, and an automatic Boost mode activated by humidity detection. All combined with an EC motor for silent operation and even more energy savings.

Fields of application

Multi-occupancy residential housing, Individual residential housing, Refurbishment

Installation

- fitted using 4 screws supplied,
- wall or ceiling attachment,
- maximum length of discharge duct 12 m, if the surface area of the destination room is less than 7 m²,
- maximum length of discharge duct 5 m, if the surface area of the destination room is between 7 and 12 m²,
- fresh air brought into room via air inlet grille or door undercut.

Reference arguments

- Application:
 - Continuous ventilation for rooms up to 12 m²: kitchen, bathroom, WC, laundry room,
 - Continuous stale air extraction.
- Description:
 - Ø 100 mm outlet
 - Automatic activation of Boost mode by humidity level and adjustable timer-controlled return to Auto mode,
 - Fitted with an LED screen for simple configuration of airflow (9 operating points), humidity threshold and timer,
 - Smart function adapts airflow to ducting pressure losses
 - Ultra low-consumption EC motor with very low noise level,
 - White colour,
 - Material: High quality ABS body and decorative cover
 - 100% cardboard packaging.

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Main characteristics

- 1 diameter:
 - Ø 100 mm for rooms up to 12 m²; kitchen, bathroom, WC, laundry room.
- 1 operating mode easily adjustable via LED panel:
 - automatic activation of Boost mode by humidity level and adjustable timer-controlled return to Auto mode (H version).
 - ultra low-consumption EC motor with very low noise level,
- built-in thermal protection,
- material:
 - high quality ABS body and decorative cover,
- 100% cardboard packaging.

Supplementary characteristics

- continuous operation with automatic boost mode activated by humidity level detection (H version):
 - low constant speed in Auto mode (adjustable via LED panel),
 - activation of intermediate mode by humidity level adjustable between 65% and 95% (airflow and threshold adjustable via LED panel). Activation is automatic if the ambient humidity level exceeds the preset threshold value,
 - switch-operated activation of boost mode possible,
 - timer-controlled return to AUTO mode, adjustable between 1 and 25 minutes (via LED panel). Once the indoor humidity level has returned to below the activation threshold, the boost mode operates for the pre-determined time then automatically returns to Auto mode.

Contents of kits

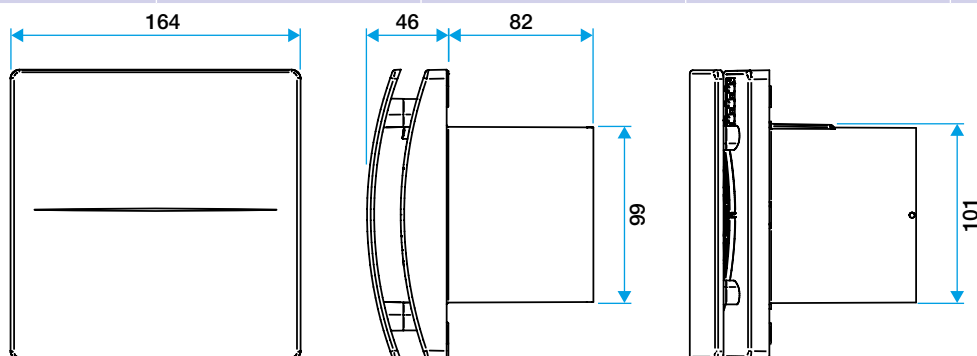
- attachment screw and plug;4

General data

References	Surface-mounted thickness (mm)	Operation	Number of speeds	Maximum extract air temperature (°C)	Type of finish	Type of motor	Colour
11022395	46	Automatic activation of Boost mode by humidity level and adjustable timer-controlled return to Auto mode,	multi-speed	40	White	EC	White

Dimensional data

References	H (mm)	L (mm)	P (mm)	Ø discharge (mm)	Weight (kg)
11022395	164	164	128	99	0,6



Dimensions in mm

Airflow data

References	Max. airflow (m ³ /h)
11022395	90

Acoustic data

References	Sound pressure at 3 m (dB(A))
11022395	9

Thermal data

References	Consumption (max. power at basic airflow) (W)	Max. power at peak airflow (W)
11022395	1.5	5

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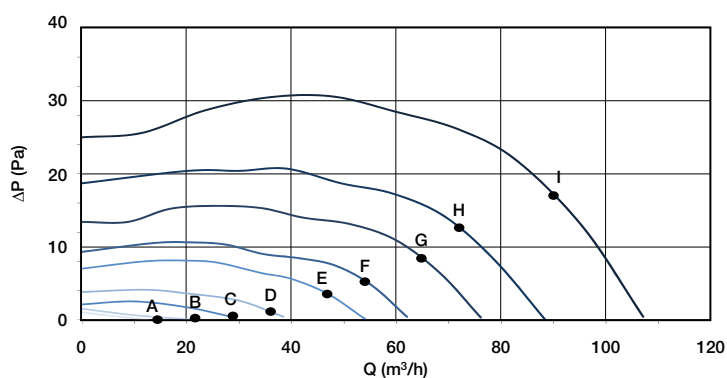
Electrical datas

References	Frequency (Hz)	Protection rating	Voltage (V)	Max. power
11022395	50	IPX4	220/240	5

Regulatory data

References	Electrical insulation class
11022395	Class 2

Curve



Use LED screen under front panel to configure:

- min. airflow for AUTO mode
- max. airflow for BOOST mode

Air curves INEA EXPERT