

## Ceiling grille

11022330  
IN LINE XS 100

IN LINE XS is a compact duct fan for one or more rooms. Its removable motor unit makes installation and maintenance easy.



## PRODUCT BENEFITS

- compact,
- easy to install and maintain with the removable motor unit,
- very quiet: as low as 27 dB(A).

## Principles of operation

IN LINE XS is a duct fan for air supply or exhaust in one or more rooms. It can operate at 1 or 2 ventilation speeds controlled by an inverter or voltage controller.

## Product description

IN LINE XS is a duct fan used to ventilate one or more rooms in residential and small commercial premises: bathrooms/WC, utility rooms, cellars, kitchens, etc. IN LINE XS can operate in either supply or exhaust directions on circular ducting and can be installed at any point in the system. It offers up to 2 ventilation speeds if connected to an inverter and can operate with a voltage controller.

## Fields of application

Multi-occupancy residential housing, Individual residential housing, New, Refurbishment, Non-residential buildings

## Installation

- connected to upstream and downstream ducts,
- can be installed in any position,
- attachment plate for installation on wall,
- can be mounted in series for higher pressure or in parallel for higher airflow,
- fresh air brought into room via air inlet grille or door undercut.
- supports ambient temperature between 1°C and 40°C,
- maximum exhaust air temperature: 60°C.

## Reference arguments

- Application:
  - Ventilation of one or more room,
  - Air supply or exhaust,
  - Installation at any point of the network,
  - Residential (bathroom/WC, kitchen, utility room, cellar, etc.) and small non-residential
- Description:
  - Duct fan,
  - Material: ABS,
  - Single-phase 2-speed motor,
  - Removable motor unit.

## Main characteristics

- material: ABS,
- 4 models: from Ø 100 mm to Ø 160 mm for maximum airflow from 190 to 520 m³/h,
- removable motor unit,
- single-phase 2-speed motor mounted on ball bearings,
- built-in thermal protection.

## Ceiling grille

11022330  
IN LINE XS 100

## Contents of kits

- screw and plug;4

## Accessories

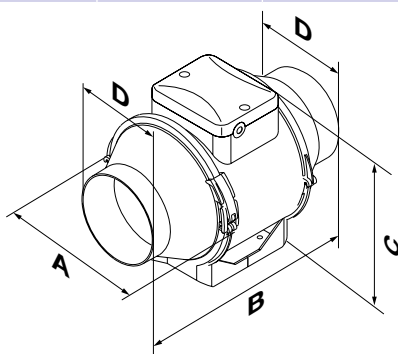
Description	Variants
CMEV inverter	11022030
Speed controller 1.5A	11022358

## General data

Variants	Service life (h)	Number of speeds	Type of motor
11022330	40000	2	AC

## Dimensional data

Variants	A (mm)	B (mm)	C (mm)	D (mm)	H (mm)	L (mm)	Ø (mm)	Weight (kg)
11022330	167	246	190	100	190	246	100	1,45



## Airflow data

Variants	Airflow at max. speed (m³/h)	Airflow at min. speed (m³/h)
11022330	190	145

## Acoustic data

Variants	Sound pressure at 3 m at max. speed (dB(A))	Sound pressure at 3 m at min. speed (dB(A))
11022330	36	27

## Electrical datas

Variants	Voltage (V)	Frequency (Hz)	Max. power	Protection current (A)	Max. current (A)	Min. power
11022330	220/240	50/60	33	2	0,2	21

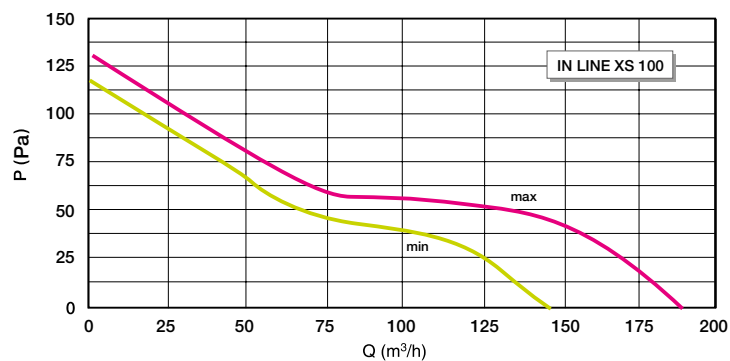
## Regulatory data

Variants	Electrical insulation class
11022330	Class 2

Ceiling grille

11022330  
IN LINE XS 100

## Curve



## Ceiling grille

11022331  
IN LINE XS 125

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  - Single-phase 2-speed motor,
  - Removable motor unit.

## Main characteristics

- material: ABS,
- 4 models: from Ø 100 mm to Ø 160 mm for maximum airflow from 190 to 520 m<sup>3</sup>/h,
- removable motor unit,
- single-phase 2-speed motor mounted on ball bearings,
- built-in thermal protection.

## Ceiling grille

11022331  
IN LINE XS 125

## Contents of kits

- screw and plug;4

## Accessories

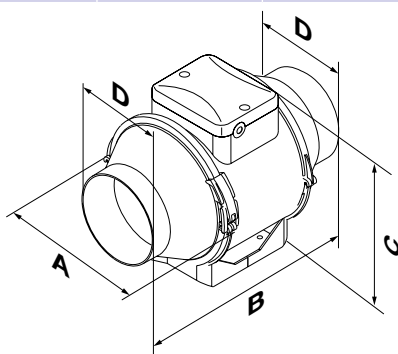
Description	Variants
CMEV inverter	11022030
Speed controller 1.5A	11022358

## General data

Variants	Service life (h)	Number of speeds	Type of motor
11022331	40000	2	AC

## Dimensional data

Variants	A (mm)	B (mm)	C (mm)	D (mm)	H (mm)	L (mm)	Ø (mm)	Weight (kg)
11022331	167	246	190	125	190	246	125	1,35



## Airflow data

Variants	Airflow at max. speed (m³/h)	Airflow at min. speed (m³/h)
11022331	280	220

## Acoustic data

Variants	Sound pressure at 3 m at max. speed (dB(A))	Sound pressure at 3 m at min. speed (dB(A))
11022331	37	28

## Electrical datas

Variants	Voltage (V)	Frequency (Hz)	Max. power	Protection current (A)	Max. current (A)	Min. power
11022331	220/240	50/60	37	2	0,2	23

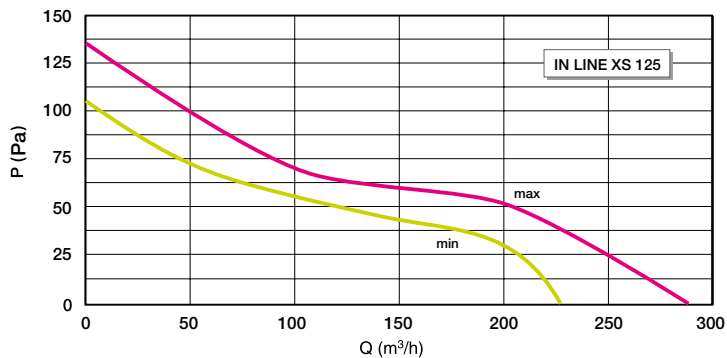
## Regulatory data

Variants	Electrical insulation class
11022331	Class 2

Ceiling grille

11022331  
IN LINE XS 125

Curve



## Ceiling grille

11022332  
IN LINE XS 150

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- Description:
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  - Single-phase 2-speed motor,
  - Removable motor unit.

## Main characteristics

- material: ABS,
- 4 models: from Ø 100 mm to Ø 160 mm for maximum airflow from 190 to 520 m³/h,
- removable motor unit,
- single-phase 2-speed motor mounted on ball bearings,
- built-in thermal protection.

## Ceiling grille

11022332  
IN LINE XS 150

## Contents of kits

- screw and plug;4

## Accessories

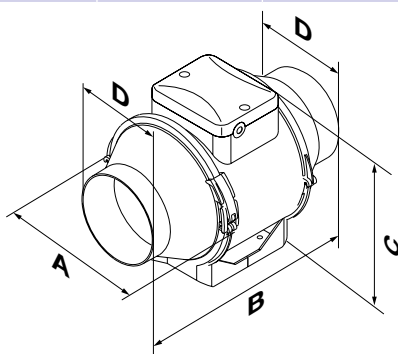
Description	Variants
CMEV inverter	11022030
Speed controller 1.5A	11022358

## General data

Variants	Service life (h)	Number of speeds	Type of motor
11022332	40000	2	AC

## Dimensional data

Variants	A (mm)	B (mm)	C (mm)	D (mm)	H (mm)	L (mm)	Ø (mm)	Weight (kg)
11022332	223	295	250	150	250	295	150	2,65



## Airflow data

Variants	Airflow at max. speed (m³/h)	Airflow at min. speed (m³/h)
11022332	520	405

## Acoustic data

Variants	Sound pressure at 3 m at max. speed (dB(A))	Sound pressure at 3 m at min. speed (dB(A))
11022332	44	33

## Electrical datas

Variants	Voltage (V)	Frequency (Hz)	Max. power	Protection current (A)	Max. current (A)	Min. power
11022332	220/240	50/60	60	2	0,3	30

## Regulatory data

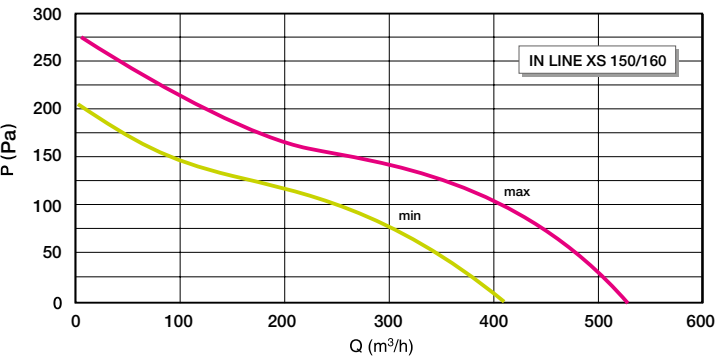
Variants	Electrical insulation class
11022332	Class 2



Ceiling grille

11022332  
IN LINE XS 150

## Curve



## Ceiling grille

11022333  
IN LINE XS 160

IN LINE XS is a compact duct fan for one or more rooms. Its removable motor unit makes installation and maintenance easy.



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- Description:
  - Duct fan,
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  - Single-phase 2-speed motor,
  - Removable motor unit.

## Main characteristics

- material: ABS,
- 4 models: from Ø 100 mm to Ø 160 mm for maximum airflow from 190 to 520 m³/h,
- removable motor unit,
- single-phase 2-speed motor mounted on ball bearings,
- built-in thermal protection.

## Ceiling grille

11022333  
IN LINE XS 160

## Contents of kits

- screw and plug;4

## Accessories

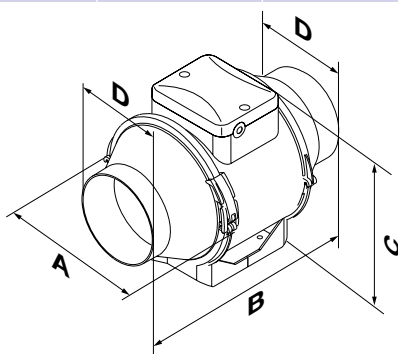
Description	Variants
CMEV inverter	11022030
Speed controller 1.5A	11022358

## General data

Variants	Service life (h)	Number of speeds	Type of motor
11022333	40000	2	AC

## Dimensional data

Variants	A (mm)	B (mm)	C (mm)	D (mm)	H (mm)	L (mm)	Ø (mm)	Weight (kg)
11022333	233	295	250	160	250	295	160	2,65



## Airflow data

Variants	Airflow at max. speed (m³/h)	Airflow at min. speed (m³/h)
11022333	520	405

## Acoustic data

Variants	Sound pressure at 3 m at max. speed (dB(A))	Sound pressure at 3 m at min. speed (dB(A))
11022333	44	33

## Electrical datas

Variants	Voltage (V)	Frequency (Hz)	Max. power	Protection current (A)	Max. current (A)	Min. power
11022333	220/240	50/60	60	2	0,3	30

## Regulatory data

Variants	Electrical insulation class
11022333	Class 2

Ceiling grille

11022333  
IN LINE XS 160

## Curve

