



50/60 Hz



BOX RL/RLF/RLFX/RL PLUS EVO

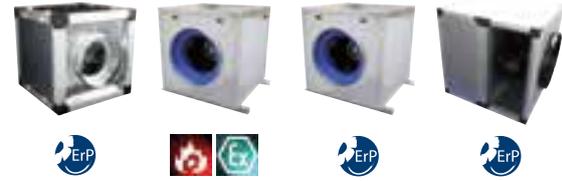
CABINET CENTRIFUGAL/ BOX RL/ BOX RLQ/ BOX RL PLUS EVO
INSIDE FANS/ BOX RLF/RLFX F400

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BOX RL/BOX RLF&RLFX

- ✓ Modular thanks to its interchangeable panels offering different installation positions.
- ✓ Ideal for duct installations with high load losses due to its high available pressure favors the correct operation of the installation increasing the pressure in the whole section.
- ✓ High efficiency impeller with backward curved blades that helps increase equipment efficiency.
- ✓ Robust and compact.



BOX RL



The most robust and compact. Ideal for demanding applications of Casals high efficiency box fans

> MANUFACTURING FEATURES

- ✓ Box manufactured in galvanised steel sheet.
- ✓ Backward impeller, direct coupling motor.
- ✓ Standard asynchronous squirrel-cage motor with IP-55 protection and Class F insulation.
- ✓ Manufactured with standard voltages: 230/400V 50Hz in three phase motors up to 4kW, and 400/690V 50Hz for higher powers.
- ✓ Exchangeable panels.
- ✓ Open outlet.

> APPLICATIONS

Designed for inline installation, they are suitable for:

- ✓ Air renewal in apartments, shops, supermarkets, bathrooms, changing rooms and all kinds of industries.
- ✓ Maximum working temperature in continuous: 60°C.
- ✓ Bathroom extraction.



BOX RLF/ RLFX F400

The most efficient and quietest smoke extractor (F400) the Casals high efficiency box fans

> MANUFACTURING FEATURES

- ✓ Galvanized steel ventilation box, non-flammable, which attenuates noise and supports temperature.
- ✓ Inlet circular flanges.
- ✓ Backward impeller, direct coupling motor.
- ✓ Standard asynchronous squirrel-cage motor with IP-55 protection and Class H insulation type F400 2h.
- ✓ Manufactured with standard voltages: 230/400V 50Hz in three phase motors up to 3kW, and 400/690V 50Hz for higher powers.
- ✓ Exchangeable panels.
- ✓ Open inlet.
- ✓ Sealing gasket.

> APPLICATIONS

Designed for inline installation, they are suitable for:

- ✓ Air renewal in buildings and industries.
- ✓ Maximum working temperature: 60°C.
- ✓ Smoke extraction in case of fire with motor inside the hazardous area (400°C/2h).
- ✓ Extraction of kitchens with the engine inside the risk zone (400°C/2h).
- ✓ BOX RLFX version ideal for explosive atmospheres.

BOX RL PLUS EVO



The most adaptable and efficient Casals high efficiency box fans

> MANUFACTURING FEATURES

- ✓ Casing with profile structure made of aluminium 30 mm, nylon corners, steel sandwich panel with inner rock wool insulation.
- ✓ Inlet circular flanges.
- ✓ High efficiency backward impeller in steel sheet, balanced static and dynamically in origin.
- ✓ Direct coupling, asynchronous, standardized squirrel cage motor with IP-55 protection and class F insulation. Standard voltages 230 / 400V 50Hz (AC models).
- ✓ EEC brushless motor with high-efficiency permanent magnets for electronic models 250 and 315 (EEC models).
- ✓ Maximum working temperature in continuous 60°C for three-phase models and 50°C for single-phase models.

> APPLICATIONS

Designed for inline installation, they are suitable for:

- ✓ Air renewal in apartments, shops, supermarkets, bathrooms, changing rooms and all kinds of industries.
- ✓ Maximum working temperature in continuous: 60°C.
- ✓ Bathroom extraction.

> **Optimized design:** Aluminum profile structure from 30 to 50mm with nylon corners and sandwich panels with internal insulation, which favor sound attenuation and temperature with non-flammable material.

> **High efficiency:** Perfect combination between high efficiency backwards blade turbine designed for fans and permanent magnet brushless motor, which allows working at DC voltages but with AC power. They make it one of the most efficient box fans in the market.

BOX RLQ PLUS



With the motor out of the flow that favors the transport of dirty air or with a certain temperature that protects the motor

> MANUFACTURING FEATURES

- ✓ Casing with profile structure made of aluminium 30 mm.casing, nylon corners, steel sandwich panel with inner rock wool insulation.
- ✓ Inlet circular flanges.
- ✓ High efficiency backward impeller in steel sheet, balanced static and dynamically in origin.
- ✓ Standard asynchronous squirrel-cage motor with IP-55 protection and Class F insulation. Standard voltages 230/400V, 50Hz.
- ✓ Maximum working temperature 60°C.

> APPLICATIONS

Designed for inline installation, they are suitable for:

- ✓ Air renewal in apartments, shops, supermarkets, bathrooms, changing rooms and all kinds of industries.
- ✓ Maximum working temperature in continuous: 60°C.
- ✓ Bathroom extraction.