



50/60 Hz



# BT - 3 AC & EEC

INLINE FANS > BT - 3 AC & EEC

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# BT-3 AC & EEC

## > ADVANTAGES <

- ✓ Compact high capacity and efficiency with low noise level.
- ✓ It works at 50 / 60Hz. It is bifrequency (AC / EEC).
- ✓ As it is a specific inline of ducts, it allows its installation in small spaces and avoids the use of duct elbows that cause load losses.
- ✓ Low weight that facilitates duct installation.
- ✓ Optional support foot for easy assembly.



BT-3 EEC

BT-3 AC

### BT-3 AC



Centrifugal inline with external rotor motor. Ideal for long ducts since it reaches very high pressure levels.

#### > MANUFACTURING FEATURES

- ✓ Galvanized steel sheet housing
- ✓ Backward impeller, dynamically balanced.
- ✓ External wiring box.
- ✓ Single-phase asynchronous motor with external rotor, including thermal protector for automatic resetting and long-life permanent lubrication ball bearings (40,000 hours). Protection IP-44. Standard voltage 230V 50/60Hz.
- ✓ Supplied with support feet (optional mounting).

#### > APPLICATIONS

Designed for duct installation, suitable for installation in false ceiling, are indicated for:

- ✓ Renovation of air in bathrooms and small rooms.
- ✓ Maximum continuous working temperature: 50°C.
- ✓ Fan not suitable for transporting explosive gases.

#### > WITH EEC MOTORS:

- > Increase fan efficiency by up to 30%.
- > Longer useful life.
- > Greater operational range.
- > Easy to control (0-10V) thanks to the integrated software.
- > Very little maintenance needed.

### BT-3 EEC



Centrifugal inline in steel casing with EEC motor

#### > MANUFACTURING FEATURES

- ✓ Cover made of steel coated with totally hermetic polymer, ideal for outdoor installation.
- ✓ The EC motors allow the integration of several fans in unified networks and their centralized control.
- ✓ Impeller of backward curved blades with electronic motor (EC) of high efficiency with external rotor, dynamically balanced during assembly.
- ✓ Motors equipped with ball bearings for a longer life of the fan (40,000 hours). Classification of motor protection IP 44.

#### > APPLICATIONS

- ✓ Designed for supply and extraction ventilation and air conditioning installations that require a cost-effective solution and controllable fan.
- ✓ Duct installation inside or outside.
- ✓ Electronic motor reduces consumption by 35% and ensures high aerodynamic performance and low noise level. This makes them ideal for ventilation in public places such as banks, supermarkets, restaurants, hotels.
- ✓ This also applies to installations near residential buildings and for domestic applications, such as the ventilation of private pools.