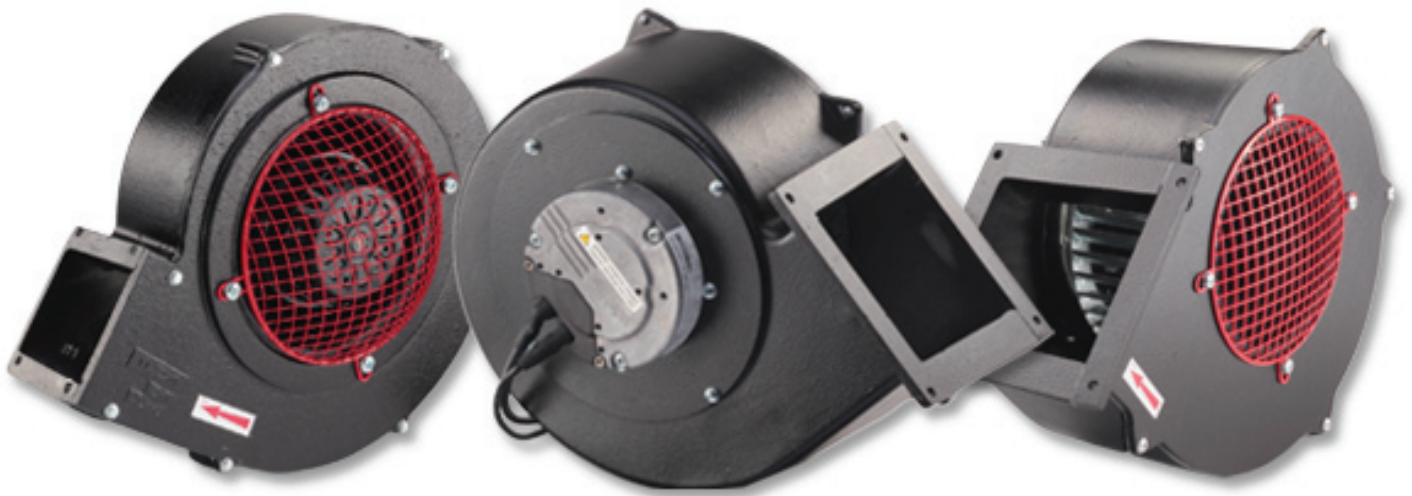


QB EC Fans

Energy efficient and environmentally friendly fans



Key Performance Figures:

- Flow rates up to 1400m³/hr (824CFM)
- Pressures up to 3.75in.Swg (933Pa)
- Intelligent motor driven impellers for closed loop control
- Superior operating efficiency up to 85% for single phase motors
- Can be directly set-up to respond to heat, pressure and humidity inputs via relevant sensors
- Compact and quiet
- Long service life due to small heat losses
- Easy to control with 0-10V DC or PWM signal
- All control and protection electronics are integrated in the motor with easy connection

Typical Applications

- Fume extraction
- Electronics cooling
- Safety cabinets/laminar flow
- Plastic extrusion machines
- UV lamp cooling
- Light industrial applications

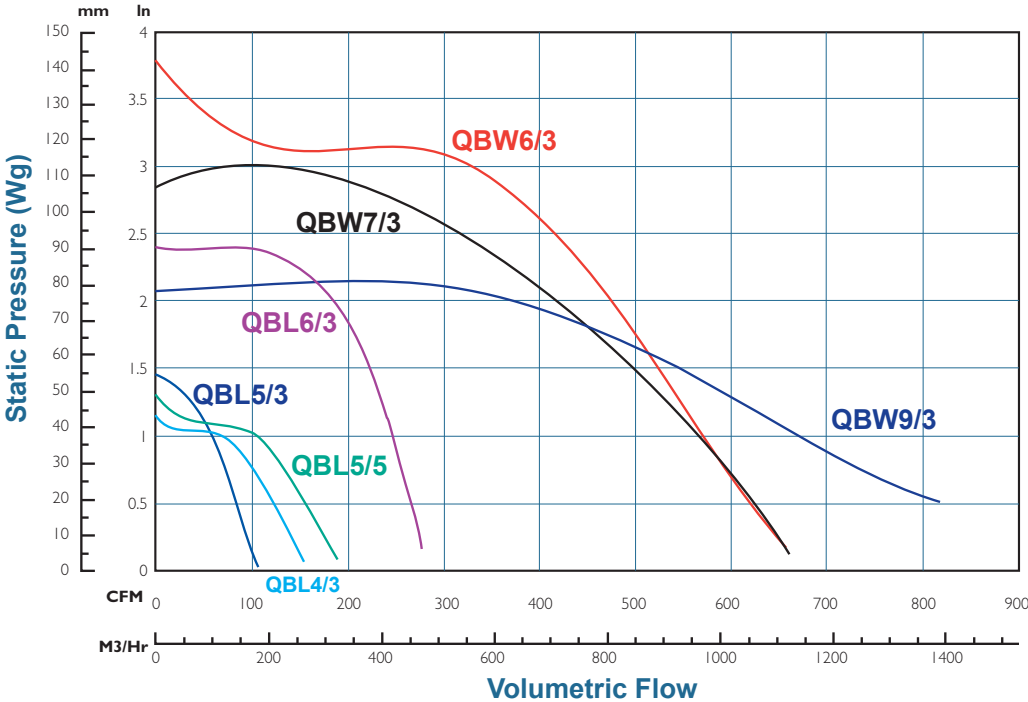


QB EC Fans

Energy efficient and environmentally friendly fans

50Hz Performance Curves:

The illustrated curves are for 240V 1Ph 50Hz and for selection purposes only. For full performance details please refer to the specific data sheets.



Further Advantages Include:

- Noise levels – have reduced noise levels in controlled operating conditions
- EC motors have longer service life due to lower winding temperatures resulting in lower wear and tear
- EC motors with integrated electronic control are easily configured to match speed to airflow demand. For the same air volume they consume distinctly less energy than AC motors
- EC motors have high energy-saving potential not only at full load, but especially at part load, where the loss of efficiency is much lower than with an asynchronous motor of equivalent output

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