

Corrosion Resistant Fans with energy efficient IE5 EC Motors

An impressive range of energy efficient corrosion resistant fans with IE5 B34 type EC motors to reduce fan energy consumption in fume extraction systems. Available with single or three phase motor.



IE5 EC Motor B34 Type IP55

The range features EC technology with the use of B34 type IE5 EC motors located outside of the airstream. EC single phase motor offers IP55 protection with integrated drive and remote electronic control. EC Three phase motor offers IP55 protection and can be supplied with an external IP66 inverter for speed control. 0-10Vdc speed control.

Corrosion Resistant Polypropylene

IP55 Single inlet corrosion resistant UV treated polypropylene scrolls with forward curve dimpellers and direct drive polypropylene turbine that is balanced dynamically and electronically. Scrolls are available in 2 directions of rotation according to the positioning of the suction and discharged (LG/RD), with the exception of S35 which is available in LG handing only. Scrolls and motors can be mounted onto a metal pedestal or an outdoor weatherproof pedestal for additional motor ingress protection.



View EC
Datasheets

“ IE5 EC Motors offer energy savings within fume extraction systems by reducing fan energy consumption by up to 20% without affecting performance.”



Key Features & Benefits

As the market demands more energy efficient systems, the EC range of fans allows fume extraction systems to reduce their fan energy consumption without affecting performance.

Single & Three Phase Motors

Available in single and three phase motors, the EC range of polypropylene fans enhances the existing S, ST and ATEX range of fans suitable for the corrosive fume market

Energy Efficient (EC)

Minimum power consumption and better efficiency, the IE5 EC motor reduces fan energy consumption by up to 20% more than the previous motor type. IP55 as standard.

Drive Control

Single phase motors feature integrated drive while three phase versions are controlled by a separate IP66 inverter drive. The drive will control the motor via a 0/10V signal.

Roof Mounting Kit

Flexible connectors, steel clamps, bird proof discharge, IP65 Electrical Isolator, AV mounts, gravity damper, scroll drain, pre wired connector box, potentiometer speed controller and pressure sensor 0-10V

“ **Three Phase EC Motors are controlled by a separate IP66 Inverter Drive.**”

