

III - FANS MOTOR TYPES

Single phase motor

This is the most popular design of our AC fans. It is made up of a wound stator with shaded pole for better starting and a squirrel cage rotor with aluminium grade 5 conductor bar.

Dual phase motor with splitting capacitor

The stator is made up of two separate windings: A power primary winding, and a secondary winding connected to the capacitor to create the splitting, and a squirrel cage rotor with aluminium grade 5 conductor bar.

Three phase motor

The stator is made up of three separate windings that can be STAR/DELTA connected.

Squirrel cage rotor with aluminium grade 5 conductor bar for 50/60 Hz versions and copper conductor bar for 400 Hz versions.

These types of motors can be used in single phase by adding a split capacitor.

DC motors

All our DC fans use brushless DC motors with electronic commutation technology for extended life time.

They offer a wide input range (3: 1), and external or internal rotor with 3000 to 8000 gauss magnets.

All electronic components are surface mount.