

HCA & HMA EVO EEC

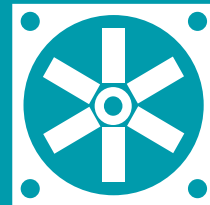
Cased axial fans

AXIAL FANS



Axial fans

HCA & HMA EVO EEC



° ADVANTAGES

- ° Low sound level
- ° Low energy level
- ° 100% regulation
- ° Compact
- ° Entrance and exit of laminar air
- ° Standard guide vanes

° RANGE

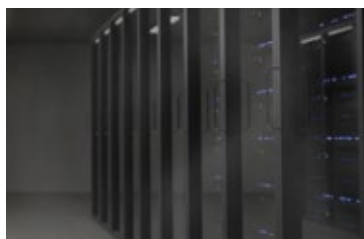
- ° Sizes Ø 35–63 mm.
- ° Flow rates up to 18.910 m³/h
- ° 400–2000 RPM 100% adjustable (from 400 to 2000 rpm).

° APPLICATIONS

- ° Air renewal in all types of buildings and industries
- ° Extraction of smoke.
- ° Maximum transported air temperature: 50°C.



° Warehouses



° Energy center



° Machine cooling



° Load bank

° MANUFACTURING FEATURES

- ° Axial tubular double short sleeve flange (HCA) and long flange (HMA).
- ° Blades discharge guidelines: 1 stage in HCA and 2 stages in HMA.
- ° The sense of air is propeller-motor (impeller).
- ° With EEC by Casals motor, internal rotor with permanent magnets and very high efficiency up to 1.5kW.
- ° Aluminum impeller of variable angle in origin.
- ° Drive built-in housing, low consumption and sound level.
- ° Power supply 230V 50/60Hz.
- alP55 motor and IP66 drive box.
- ° Maximum transported air temperature: 50°C.

° Pad-Mounted: a motor-fan assembly in which the passage of air is not affected by its mechanical support. On the contrary, this support becomes an ally to improve efficiency.

- ° All fans have guide vanes that allow increase the efficiency and decrease the noise level at the output side (impulsion) of the fan.
- ° Created to achieve greater efficiency by ensuring that the air inlet and outlet of the fan is always laminar, we have minimized the inefficiencies generated by the accessories installed in the drive zone, where there should be no obstacles up to a minimum of 1.5 m, something that is not usually achieved. With our fan, despite the existence of obstacles, the installation will not lose efficiency.



HMA EVO EEC



Long cased



Double guide vanes



Junction box deported with cooling slats



Connection box installed in the enclosure



HCA EVO EEC



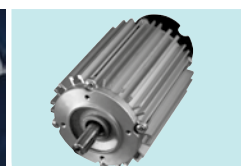
Short cased



Simple guide vanes



Aluminium impeller



Electronic motor



Doble flange