

# AXIAL FANS

## STAINLESS STEEL EVAPORATIVE CONDENSER ECOSS

Axial fans are rotary flow machines whose flow direction is parallel to the axis of rotation of the propeller. The evaporative condenser ECOSS is equipped with axial fans with high efficiency EC technology which, together with the GMM controller, optimize the use of electrical power to reach the set point of pressure or temperature desired by the equipment user.

Güntner provides the complete cooling solution using the "plug in play" system. However, for possible future interventions, it is necessary to take some control measures in order to avoid damage.

**CAUTION:** Always look for qualified professionals to perform any intervention to the equipment.

### The fan consists of the following components:

1. Cover of the motor electric box;
2. Cable glands for electrical connections;
3. Sealing plugs for unused electrical inputs;
4. Network connection
5. Connection to the error message relay
6. Fan control(command) connection
7. Slot for additional module

Componentes do Motor EC



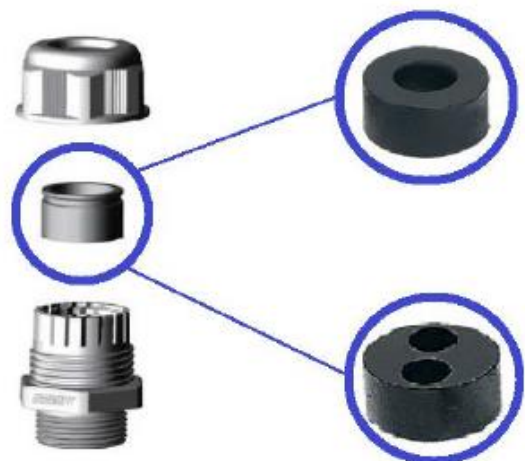
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### Cable Glands:

The use of cable glands on the cables connecting to the fan are mandatory and must be installed following the recommended torques.

Use the appropriate sealing rubber, for one or two wires, in the same cable gland.

Warning: always use the components recommended by the equipment manufacturer.



**Torque specification:**

Plastic cable gland M16: 2.5 Nm

Plastic cable gland M20: 4.0 Nm

Brass cable gland M16: 5 Nm

Brass cable gland M20: 6.5 Nm

Plug M16: 2.5 Nm

Plug M20: 2.5 Nm

Motor Housing Cover M4: 2.5 Nm

Protective conductor connection M4: 2.5 Nm

Voltage supply terminals M3: 0.6 Nm

Relay and command terminals M3: 0.6 Nm

Attachment of additional module M4: 1.3 Nm

Additional module terminals M2: 0.24 Nm



## Important!

Detailed information on operation and maintenance of axial fans is contained in the manufacturer's manual.

The use of a torque wrench for the equipment assembly is essential for efficient sealing.

For more information, refer to our technical department.