

FAN CLEANING PROCEDURE

ECOSS STAINLESS STEEL EVAPORATIVE CONDENSER

Cleaning the fans should be carried out according to the amount of scale present on the propellers and rotor. The main purposes of fan cleaning are preventing imbalance and preventing degradation or corrosion. The cleaning frequency should be set according to the conditions of the equipment, a monthly visual inspection of the fans is recommended for verification and control at the maintenance plan.

CAUTION: during the cleaning procedure below, the following care and observations must be strictly followed:

- Fan should be fully de-energized;
- To assist in the scale removal process, use mild soap and water heated to a maximum of 45°C;
- Soap or detergent with chlorine-based compounds should not be used;
- Using water jet directly on the fan motor and or propeller (stator) is prohibited;
- Extreme care should be taken not to shift or remove the balancing clamps;
- The propellers feature, on one side, the FE2owlet profile (serrated/owl wing), the proper care must be taken not to damage this profile, as well as the proper handling care with appropriate PPE for hand protection;
- In case of damage, it should be sent to the supplier for repair, and should not return to operation before repair because the imbalance may damage the engine;

BT-016/V2/ENG/10.2021

CLEANING PROCEDURE

Fan condition before performing the cleaning procedure:



1st step: Wash the fan with plenty of water.

CAUTION: do not use a water jet as it may cause the fan to unbalance.



2nd step: Rub the fan with a sponge and mild soap.

CAUTION: the chemical used must be compatible with the building materials of the fan.



3rd step: Rinse the fan with plenty of water.

CAUTION: do not use a water jet as it may cause the fan to unbalance.



Final result after performing the cleaning procedure:



Important!

Imbalance due to scale (lack of cleaning) does not characterize a warranty.

For more information, refer to our technical department.