How to replace the internal fan, 24 V DC for Escalade 5.8/8.7

Product description The purpose of the internal fan is to circulate the air inside the indoor enclosure. The internal fan can either be of an AC operated or a DC operated type.

When to replace The internal fan only needs to be replaced when it is faulty or as a part of a long time replacement plan, e.g. after approximately 5 years.

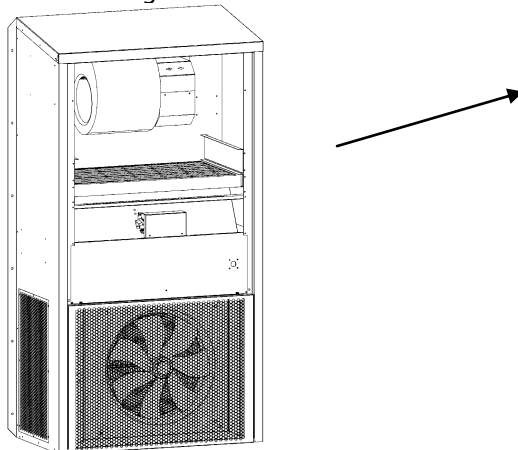**Part number** See the service manual for part number information.

Tools Make sure you have the following tools available before you start:
- Torx 20/25/30 screwdriver
- A 6 mm Umbracho key

Caution!
- Only trained and certified technicians are allowed to replace parts
- Switch of both the DC and AC supply before working on the unit
- Make sure that all work has been performed before switching on the power again

Illustration This drawing illustrates the internal fan and where the fan is placed in the unit:

Dantherm®
CONTROL YOUR CLIMATE

How to replace the internal fan, 24 V DC for Escalade 5.8/8.7, *continued*

Procedure   Follow these steps to replace the internal fan:

Step	Action
1	Switch of all the power to the unit
2	Unscrew the 2 torx 25 screws that hold the top front cover in place, and re-move it
3	Disconnect the two plugs to the fan and the connections to the heater element
4	Loosen the four Torx 25 screws and remove the support bracket under the fan box
5	Loosen the 8 torx 25 screws and remove the under part of the fan box in-cluding the air inlet ring and heater element
6	Loosen the four 6 mm Allen screw and lift the entire fan assembly out
7	Disconnect the 2 plugs to the DC/DC converter
8	Disconnect the plugs from the fan wire
9	Loosen the four torx 30 screws at the fan box and remove the fan and fan bracket
10	Loosen the four torx 20 screws that assemble the fan to the bracket
11	Mount the new fan by following the above steps in reverse order
12	Connect the power and run the test program. Check that the unit does not come out with an alarm signal.