

How to replace parts of the cooling system

Introduction With a cooling system installed the unit can circulate refrigerated air into the shelter.

When to replace Parts of the cooling system only need to be replaced when either one of them is faulty. Furthermore we recommend that the dry filter is replaced whenever the cooling system is broken.

Part number Parts of the cooling system can be ordered under part number:

- Compressor296079
- Dry filter296080
- Receiver290026
- Expansion valve, Silencio 6/8 kW.....296086
- Expansion valve, Silencio 10 kW296085
- Expansion valve, Silencio 14 kW296087
- Evaporator, Silencio 6/8/10 kW.....296090
- Evaporator, Silencio 14 kW296091
- Condenser, Silencio 6/8/10 kW296088
- Condenser, Silencio 14 kW296089
- High pressure sensitive switch296081
- Low pressure sensitive switch296082

Tools Make sure you have the following tools available before you start:

- Torx 25 screwdriver
- Refrigeration tools for work on cooling systems

Caution!

- Only trained and certified cooling technicians are allowed to replace parts of the cooling system.
- 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.

Procedure Follow these steps to replace parts of the cooling system:

Step	Action
1	Switch of all the power to the unit
2	Remove relevant side covers by unscrewing the two torx 25 screws that hold it/them in place
3	Replace the concerned parts according to general cooling technical regulations.
4	Remount the side cover
5	Connect the power Result: The test program runs through all functions. Check that the unit does not come out with an alarm signal.