

## How to install the T/C damper 450

**Introduction** The T/C damper is used for avoiding too cold air in the shelter especially cold air. This is done by mixing the outside air with recirculated air from the shelter. In this way the temperature in the shelter will be higher.

**Caution** Make sure that the power to the unit is disconnected before you start the installation.

**Included in the kit** The following is included in the kit:

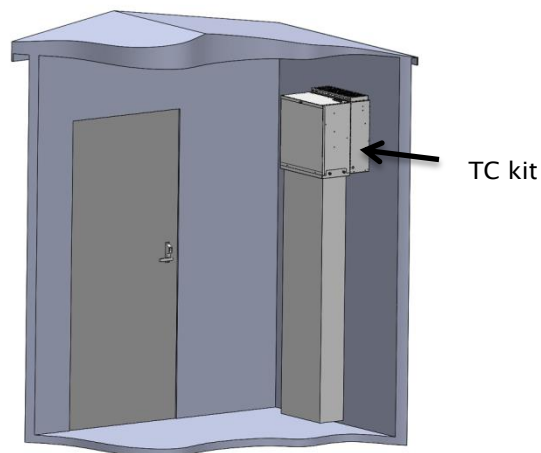
- T/C damper
- 4 pcs. M4 x 10 torx 20 screws for DFC units
- 6 pcs. M4 x 12 self-tapping screws for Flexibox. They can also be used as extra screws for DFC units
- 1 gasket 2 x 8 mm 2 meters

**Tools needed** You need the following tools to install the T/C damper:

- Standard screwdriver set including torx 20
- Cutting pliers for the cable

**P/N** The T/C kit has the P/N 091346

**Completed installation DFC** The T/C kit is placed between the wall and the DFC 450 as shown in the picture below:



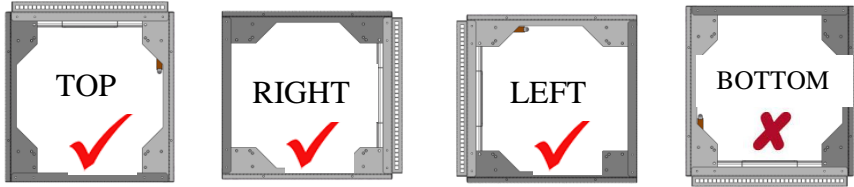
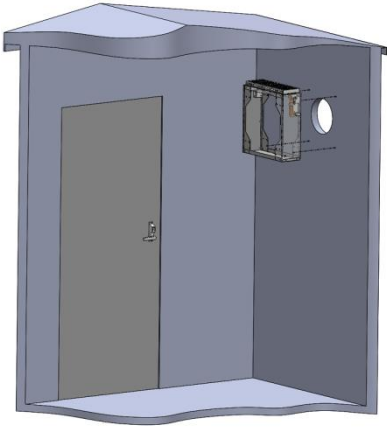
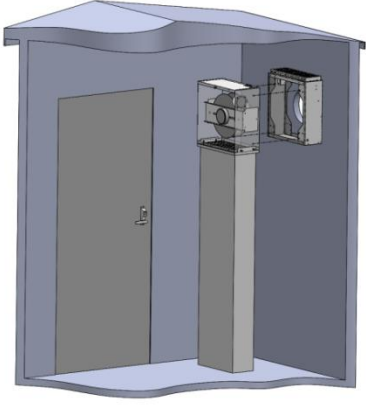
**Procedure DFC** Follow these steps to install the T/C damper with a DFC unit:

Step	Action
1	Make sure that the power to the DFC is disconnected.
2	Remove the screws that holds the DFC in place and remove it from the wall.
3	Mount the gasket on the T/C damper so that it gets between the wall and the T/C damper when installed.

*Continued overleaf*

## How to install the T/C damper 450, *continued*

### Procedure DFC, *continued*

Step	Action
4	<p>Evaluate where you want the damper to take in the supply air, it can be from the top or one of the two sides. The bottom must not be selected. See the red symbols.</p> <div data-bbox="544 600 1401 786"></div> <p>Turn the unit accordingly and use the screws that hold the DFC unit in place to mount the T/C unit on to the wall</p> <div data-bbox="783 958 1171 1384"></div>
5	<p>Use the 4 pcs. M4 x 10 torx 20 screws to mount the DFC unit on to the T/C damper.</p> <div data-bbox="826 1585 1193 1989"></div>

*Continued overleaf*

## How to install the T/C damper 450, *continued*

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Procedure DFC,  
*continued*

- 6 Connect the wires from the damper to the ACUE controller

T/C damper wire No.	ACUE 3000 terminal No.
1	D21
2	D22
3	D23

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