

DCC_b

Installation – Commissioning – Maintenance

20130514

Installation

Cut an opening corresponding to the dimension given in figure 4. Unscrew the locking screw after which the outer casing can be wrenched loose from the bottom section. Place the bottom section in the opening and secure it with screws to the building element, see figure 2.

Commissioning

We recommend that you utilise the space behind/below the air diffuser as a pressure chamber. Equip the connection duct of each pressure chamber with a type CRM measurement and commissioning damper. See Figure 3.

Maintenance

The air diffuser can be cleaned, if necessary, using luke-warm water with dishwashing detergent added or by vacuum cleaning using a brush nozzle. See Figure 3.

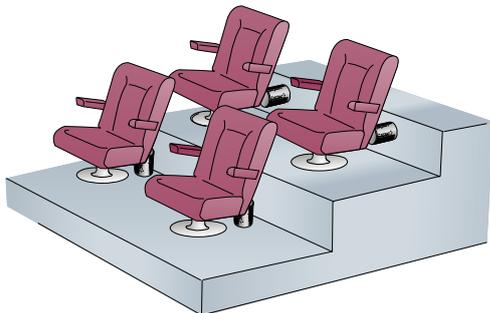


Figure 1. Installation principle, DCC.

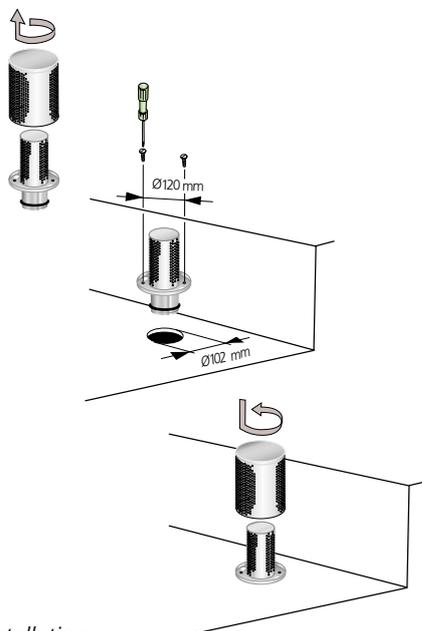
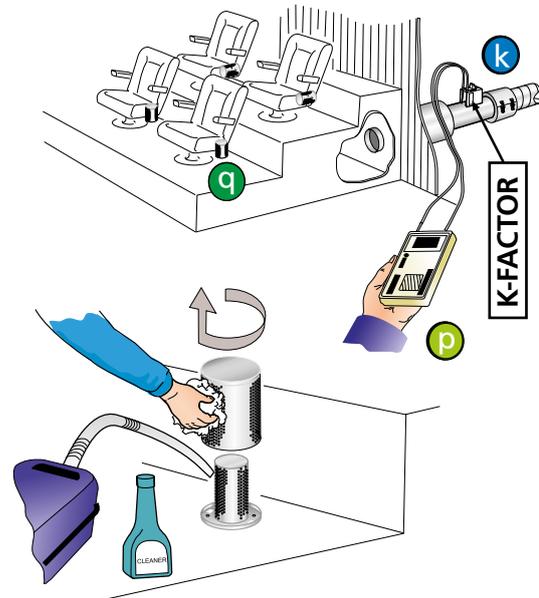


Figure 2. Installation.



$$q = k \cdot \sqrt{p}$$
$$p = \left(\frac{q}{k}\right)^2$$

q = flow reading l/s
p = current pressure reading (Pa)
k = commissioning factor

Figure 3. Commissioning, Maintenance.

Dimensions and Weights

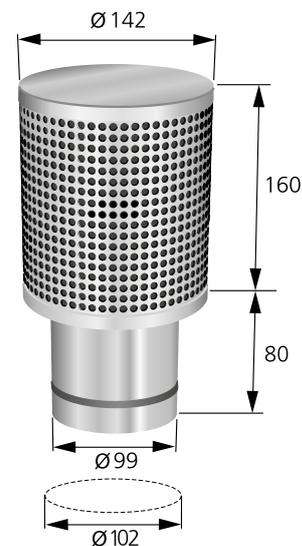


Figure 4. DCC. Unit of measure = mm. Weight: 1.2 kg. Cutout dimension = Ø102 mm.