

## Installation instructions

### DP

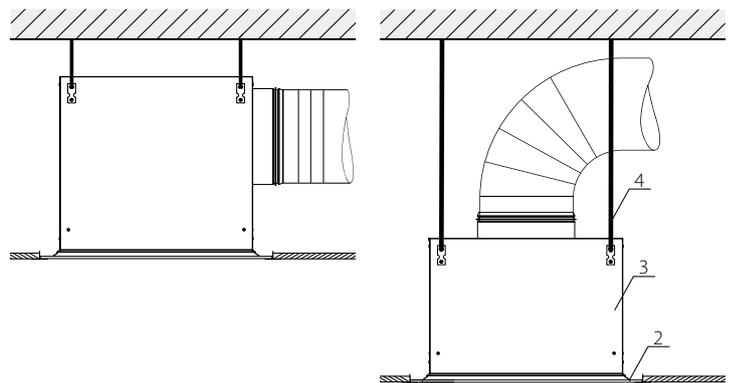
### Ceiling diffuser

#### PURPOSE

Ceiling diffusers are ventilation system components. These units create a horizontal air flow with a uniform velocity field. Here are some principal applications of ceiling diffusers: office spaces, public spaces, special applications (e.g. hospital spaces, clean rooms etc.)

#### INSTALLATION

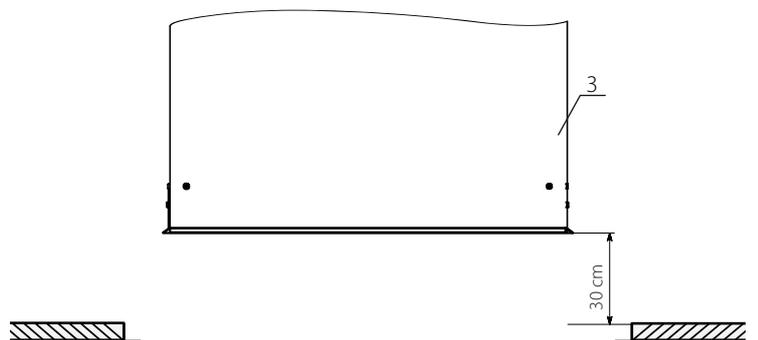
Installation into an Armstrong suspended ceiling system. The square DP diffuser (position 2) is connected directly to a plenum box (position 3). The plenum box is mounted on a suspended ceiling using M8 vertical studs (position 4) and connects to an air duct. Plenum box casing sides must be parallel relative to the ceiling rail frame.



#### WARNING!

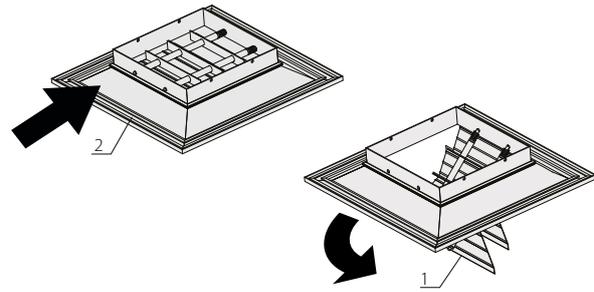
**Studs M8 are not included in the delivery set, they are ordered separately.**

The plenum box (position 3) must be initially secured at a distance of at least 30 cm from the ceiling plane.



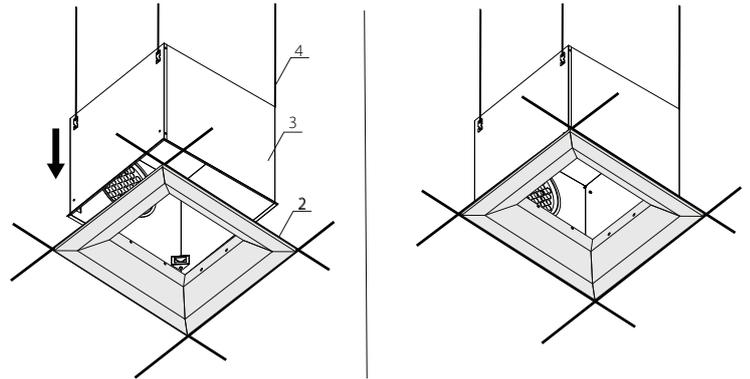
---

Pull the core (position 1) out of the outer frame of the DP diffuser (position 2) by sliding it towards the springs on the retaining rods.



---

Install the outer frame of the DP diffuser (position 2) on the rail frame from the inside on the edges of a T-profile. Bring the plenum box (position 3) secured on the studs (position 4) to the diffuser outer frame (position 2). Connect the plenum box to the outer frame of the DP diffuser. There should be no gaps between the outer frame of the DP diffuser and the plenum box.



---

Insert the diffuser DP core (position 1) into the outer frame (position 2).

