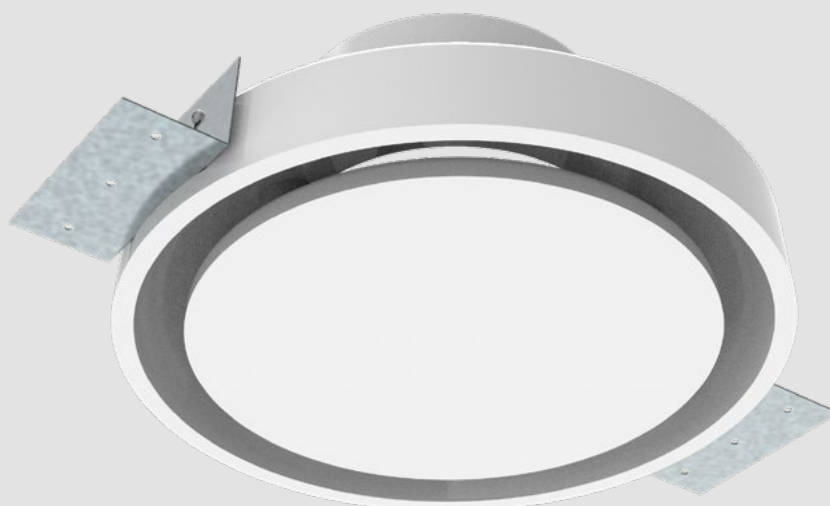


ASSEMBLY INSTRUCTIONS

DP-T



Circular diffuser

Ceiling diffusers are used in supply and exhaust ventilation systems, for heating and air conditioning in industrial, commercial and residential environments.

DELIVERY SET

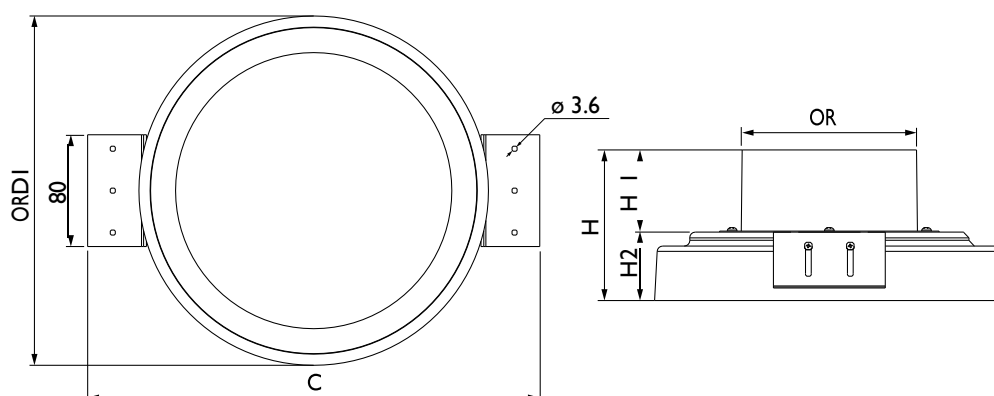
Diffuser - 1 pc.; Template - 1 pc.; Installation instructions - 1 pc.; Packaging box - 1 pc.; Glass cloth - 1 pc.

CODES

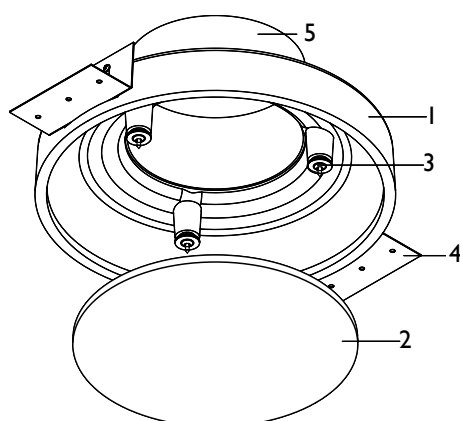
DP-T 125 - Design Features:



GENERAL AND CONNECTION DIMENSIONS [mm]



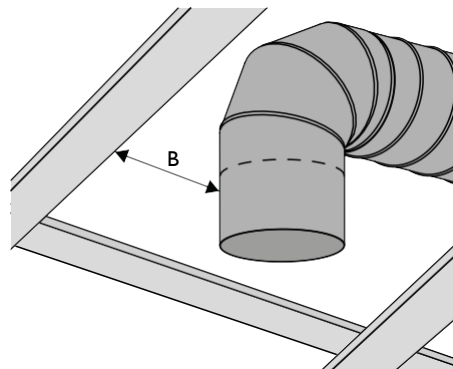
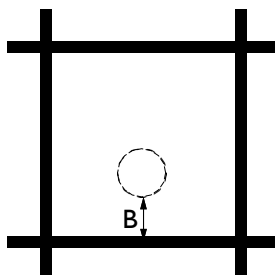
	D	DI	C	H	H1	H2
DP-T125	125	250	323	108	58	39
DP-T150	150	300	374	119	60	49



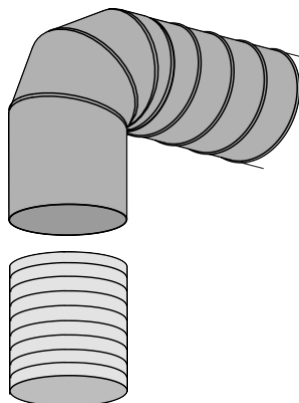
- 1 — coating
- 2 — front panel
- 3 — magnet holder
- 4 — mounting bracket
- 5 — flange

CAUTION! When drawing up a ventilation system design, ensure that there is a minimum distance (B) between the diffuser flange and the ceiling elements.

	B
DP-T 125	100
DP-T 150	127



CAUTION! To avoid vibrations, a section of flexible duct must be inserted between the diffuser and the rigid duct.

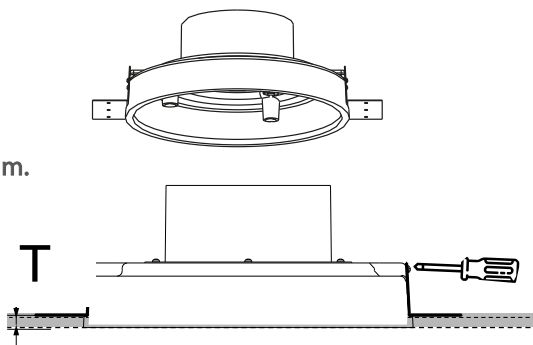


To fix the mounting brackets to the wall in

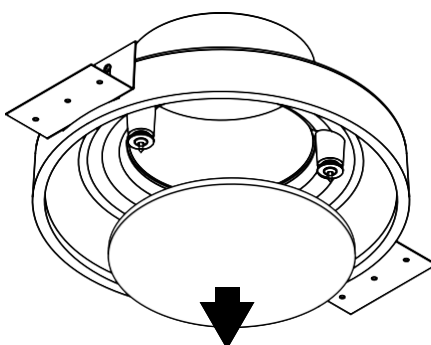
plasterboard, use screws with a diameter of at least 3.9 mm.

Before starting the installation

Fix the mounting brackets into the pre-drilled holes on the wrapper of the speaker. Adjust the position of the brackets assembly based on the thickness of the ceiling (A).

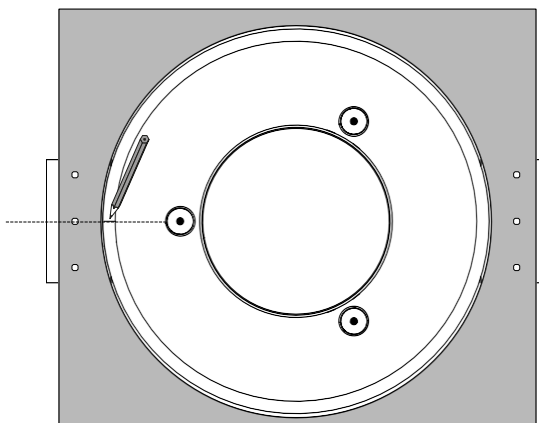


Remove the front panel secured with magnetic holders.



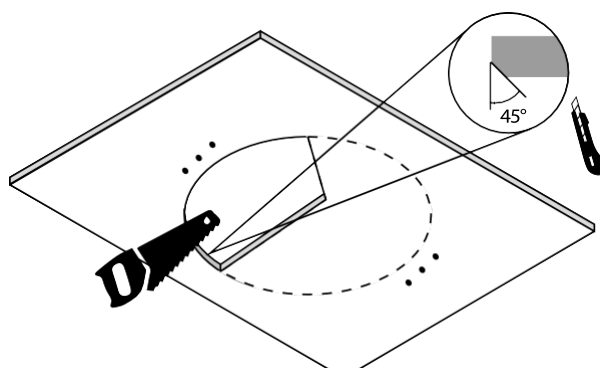
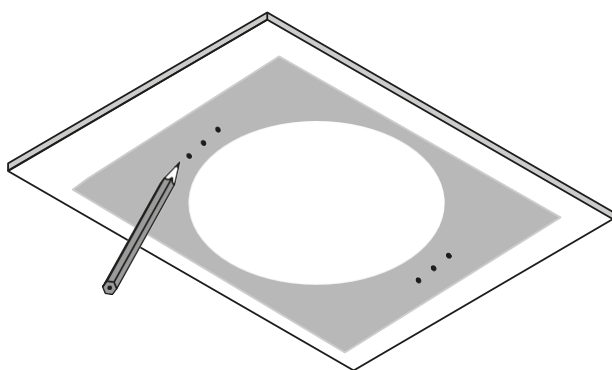
ASSEMBLY

1



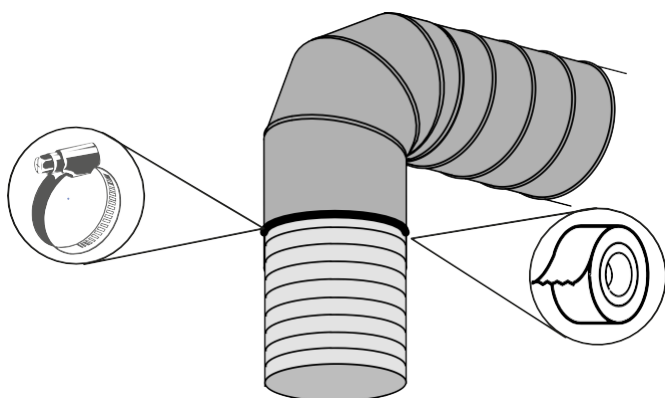
For easy installation, place the mounting template on the internal gasket attachment. Align the template with the diffuser and mark a point coaxial with the central hole.

2



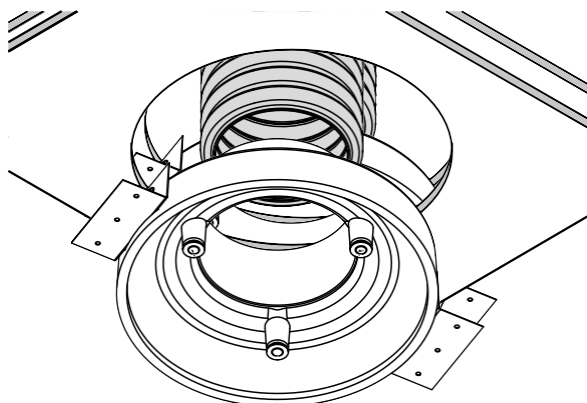
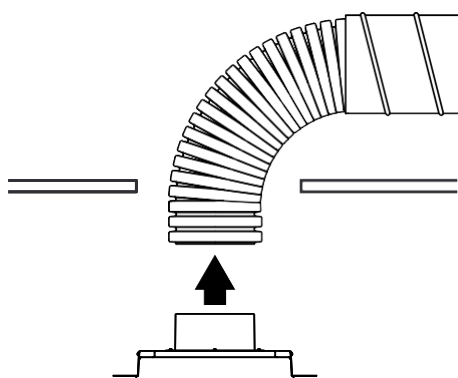
Align the template with the ceiling and mark the locations where the speaker will be installed, then drill the mounting holes. Drill a hole in the drywall. Chamfer the chamfered edge at a 45° angle to a depth of 1/3 of the drywall thickness.

3



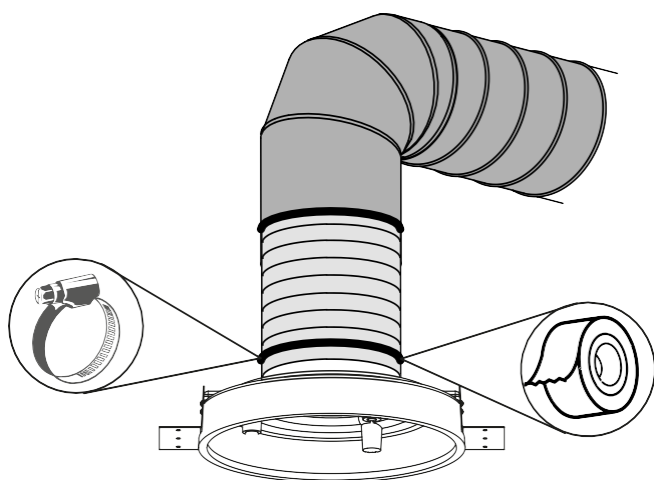
Connect the flexible air duct to the rigid air duct. Secure the connection with tape and a screw tie.

4



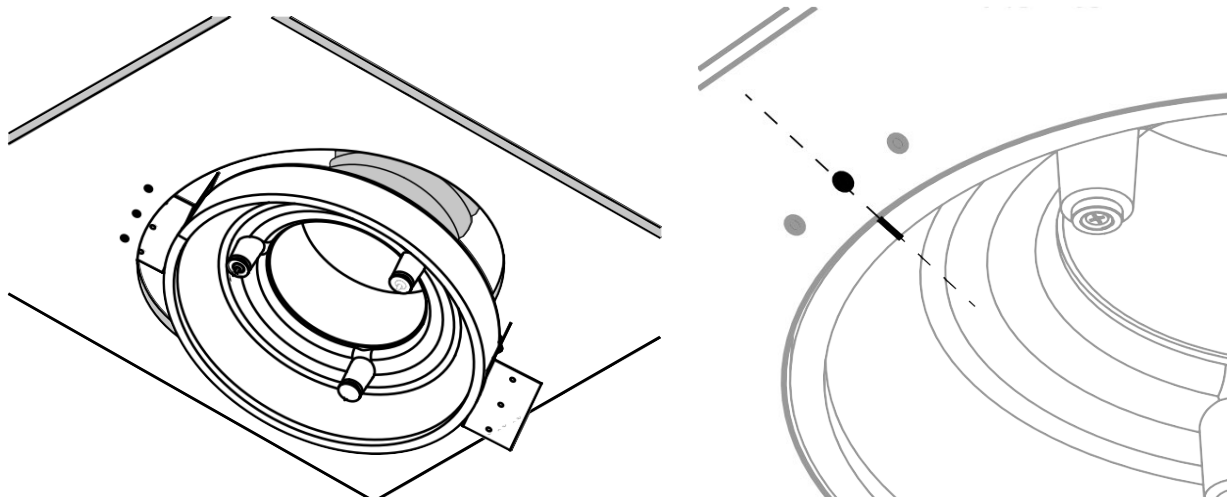
Install the air duct onto the diffuser flange.

5



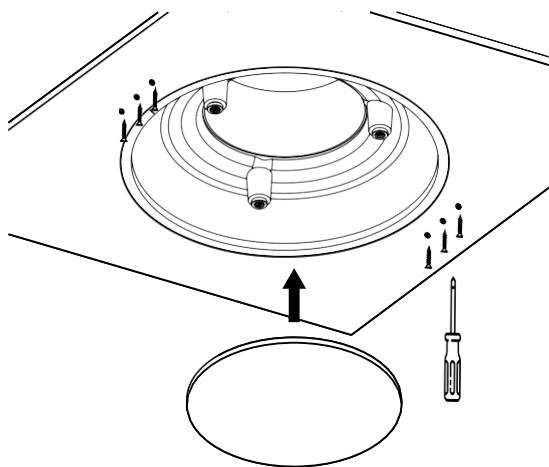
Secure the connection with a worm gear clamp or tape.

6



Install the speaker in the ceiling hole. The mounting brackets should rest against the back of the drywall. Align the mark on the speaker with the center of the hole.

7



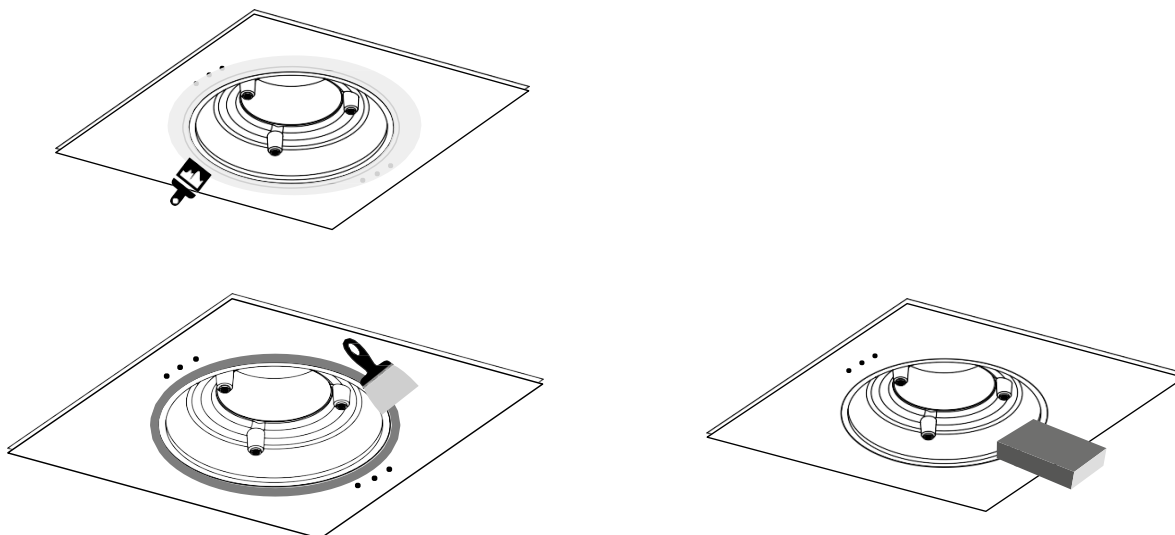
Secure the speaker with screws. Install the front panel by securing it with magnetic brackets.

DECORATION WORKS

ATTENTION! When marking holes and decorating, it is recommended to use the technology, tools and materials approved by the drywall manufacturer or by local regulations in the country where the drywall is being installed.

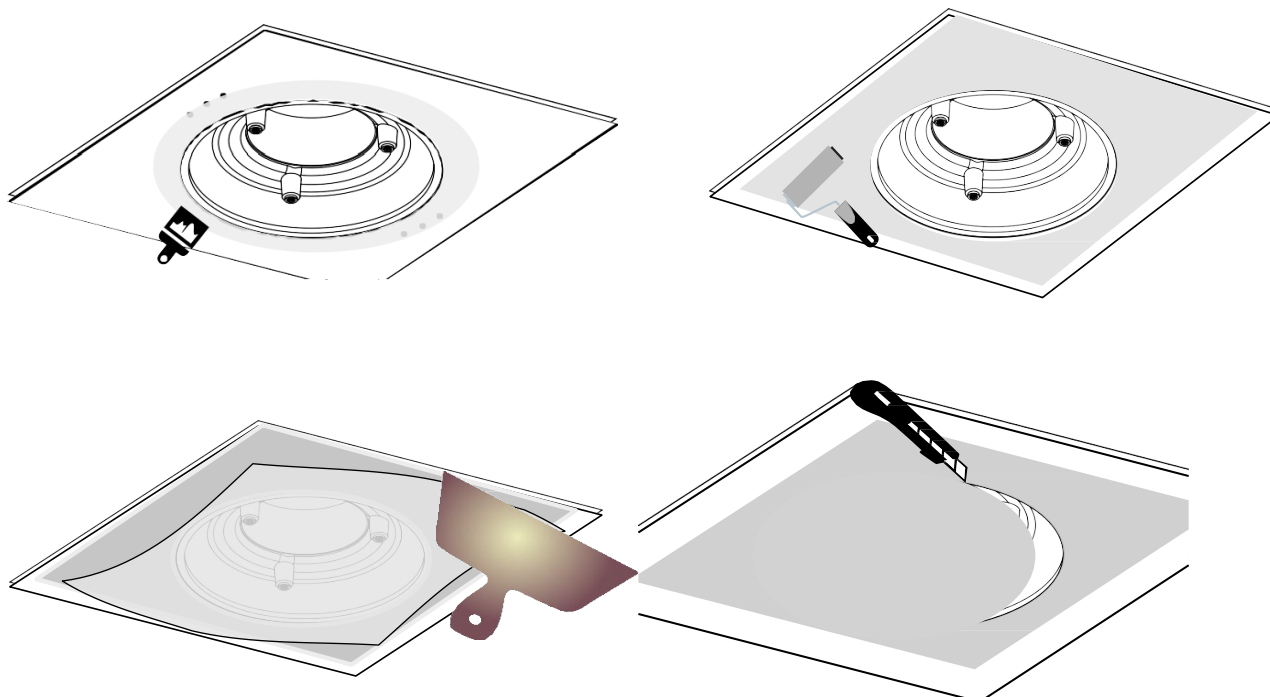
Example of execution of decorative works (according to the Knauf technique)

1



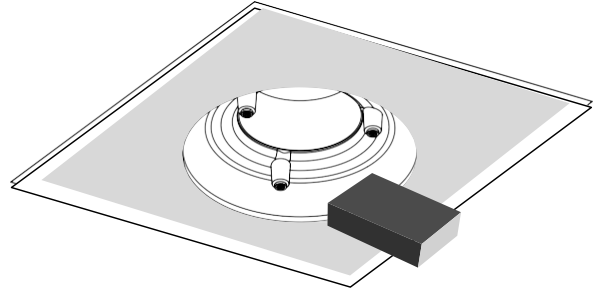
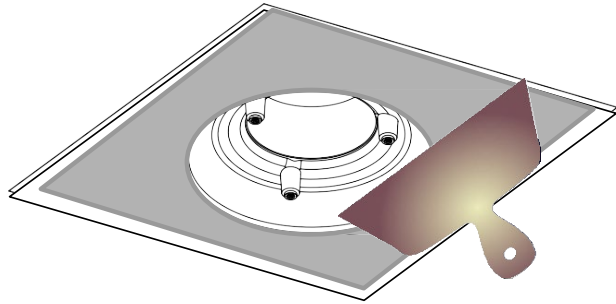
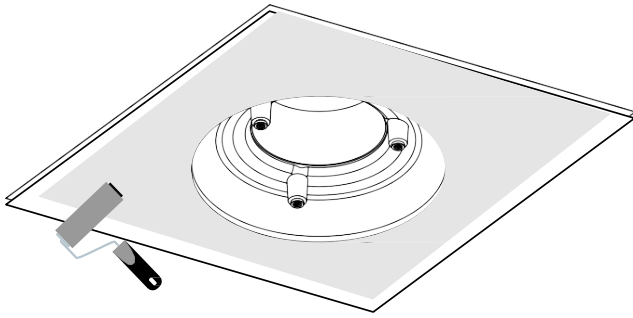
Dust surfaces and cracks. Apply primer ("Knauf Tiefengrund" or similar).
Once dry, fill the gap between the diffuser and the drywall (using filler such as "Knauf Fugenfüller" or similar). Once the filler is dry, sand the surface.

2



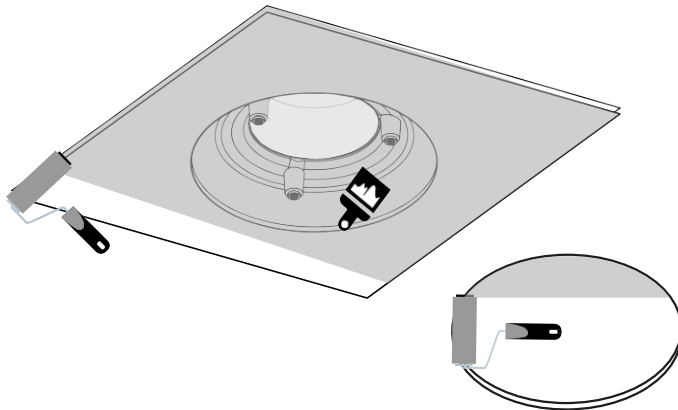
Apply primer («Knauf Tiefengrund» or equivalent).
After the primer has dried, apply the filler (Knauf FugenFuller or equivalent) to the plasterboard.
Apply the fiberglass fabric and gently press it into the grout with a putty knife. Apply a layer of top coat over the fiberglass fabric.
Once dry, trim the fiberglass fabric along the inside contour of the diffuser. Sand the surface.

3



Apply primer ("Knauf Tiefengrund" or similar).
Once dry, apply some filler ("Knauf HP Finish" or similar) and sand the surface.

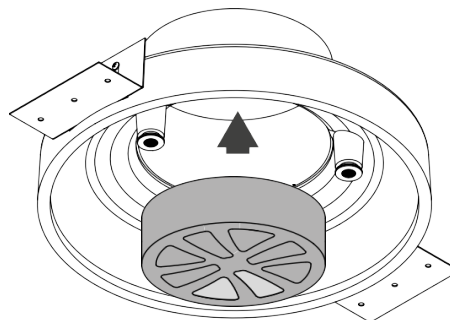
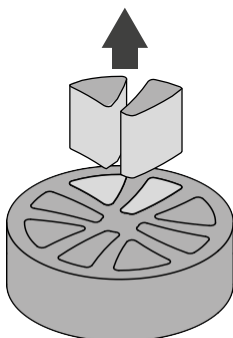
4



Apply primer (recommended by the paint manufacturer). Paint the diffuser and drywall.
For areas with high humidity, use wet-room-safe primer, paint, and filler.

AIR FLOW REGULATION

The airflow is regulated using the R 125 F4 round throttle valve (not included and must be ordered separately).
To adjust, remove the inserts from the throttle valve as needed and insert it into the appropriate slot in the diffuser.





AIR-DS-T-02