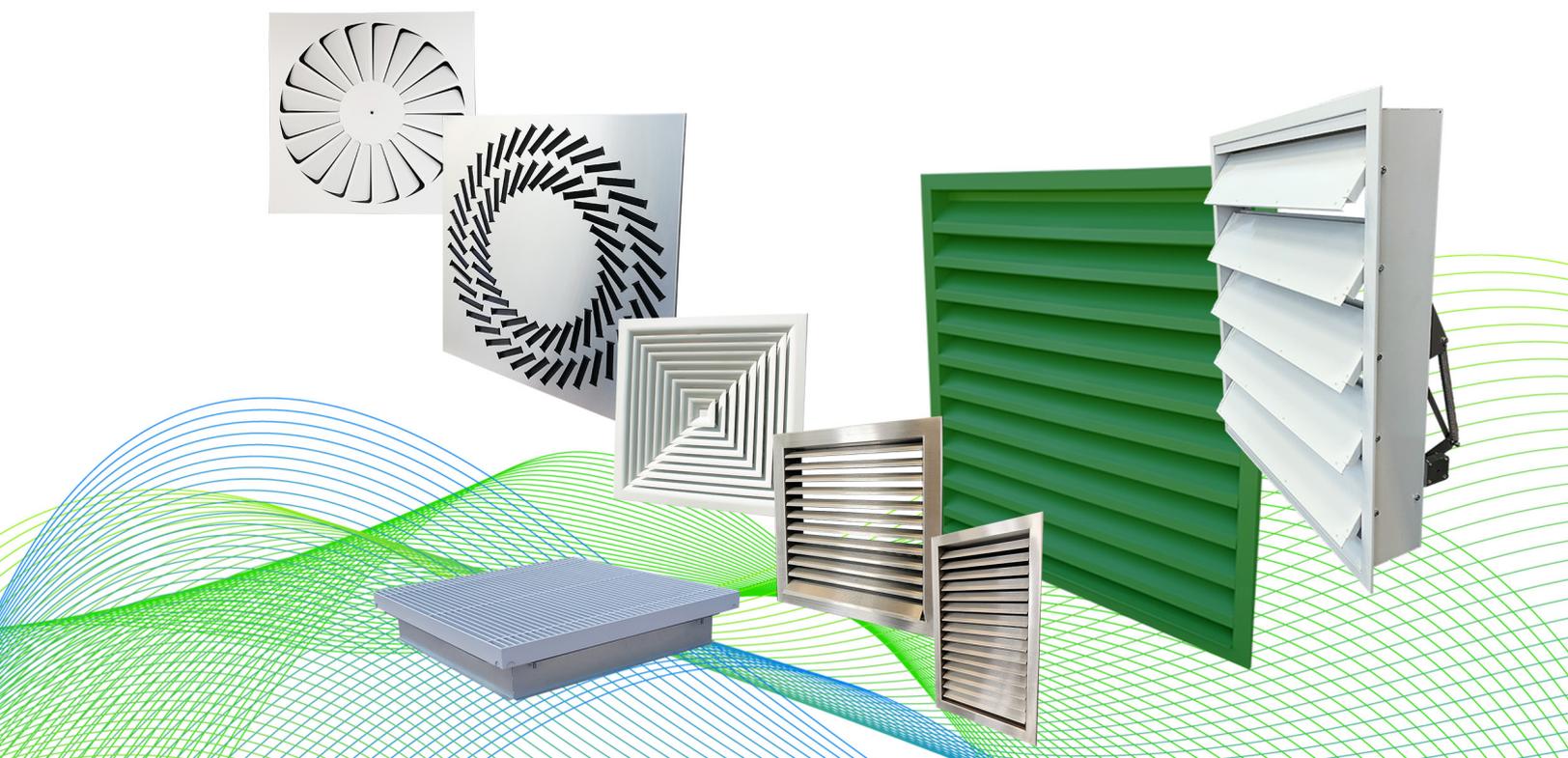


VENTILATION OF OFFICE BUILDING COMPLEXES

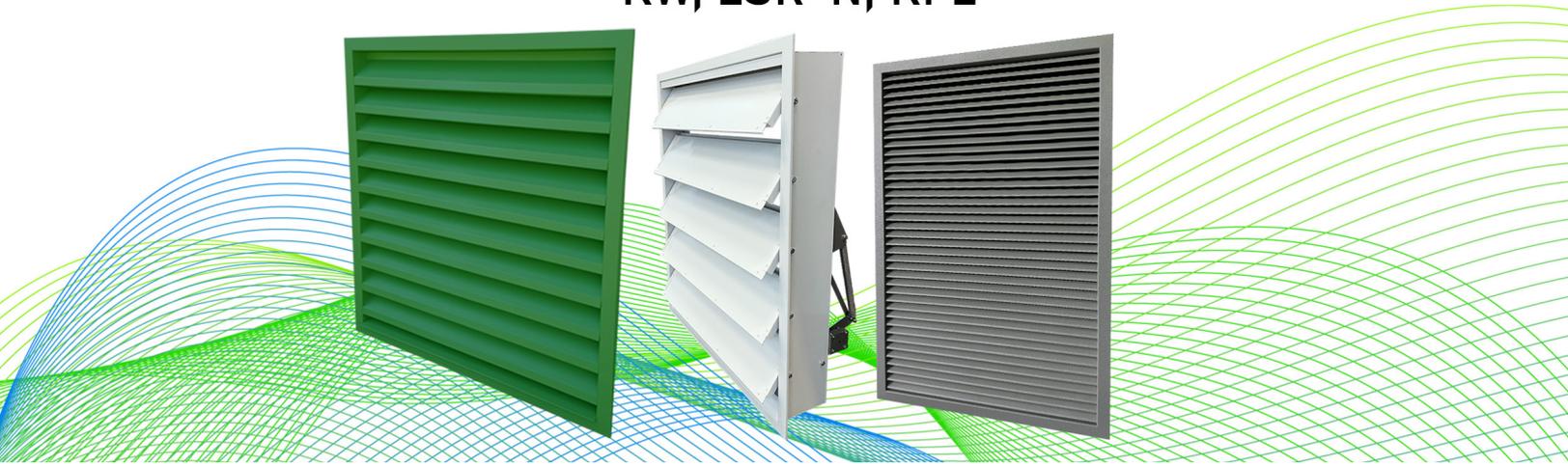


Ventilation in office buildings plays a key role in ensuring workplace comfort, safety, and employee health. A properly designed and installed ventilation system guarantees appropriate air quality, humidity control, energy efficiency of the building, and safe evacuation in case of fire.

Saw-Pol specializes in the production of ventilation and air conditioning system components, with a particular focus on solutions dedicated to office building complexes, such as grilles, ceiling diffusers (including those for suspended ceilings), grilles designed for raised floor systems, as well as decorative grilles to conceal fire dampers. Our ventilation products are manufactured using high-quality materials, including galvanized steel, aluminum, and stainless steel (grades 1.4301/304 and 1.4404/316L). They are available in various shapes and colors, allowing them to blend seamlessly with the style of the room. All our components are custom-made, enabling us to meet the expectations and visions of even the most demanding designers and architects.



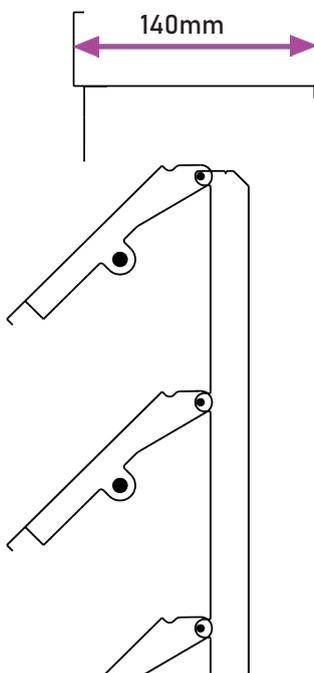
COMPENSATORY VENTILATION AND SMOKE VENTILATION: KW, ZSR-N, KPZ



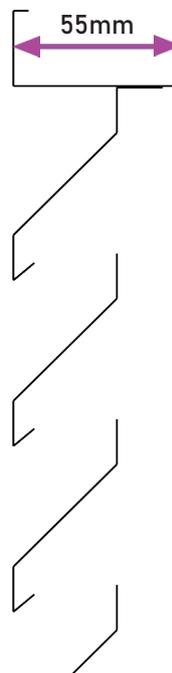
In office buildings, especially modern multi-story buildings, smoke extraction and compensation air systems play a crucial role in protecting lives and health during a fire. Their main purpose is to enable evacuation, limit the spread of smoke, and ensure access for emergency services. Saw-Pol manufactures components that comply with current regulations and standards. Smoke ventilation in evacuation corridors is critical, as these must remain smoke-free to allow safe evacuation. For such applications, we produce ventilation grilles that cover and conceal smoke dampers, commonly KW and KPZ grille types.

An essential element for compensatory air inflow from the outside is our adjustable ZSR-N louvers. Thanks to the use of actuators, they automatically open when the fire alarm system is triggered. Their efficiency and reliability have been confirmed by tests conducted by the CNBOP Fire Safety Institute.

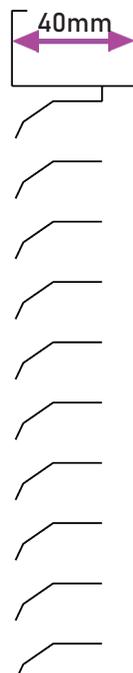
ZSR-N
Adjustable blades



KW
Fix blades

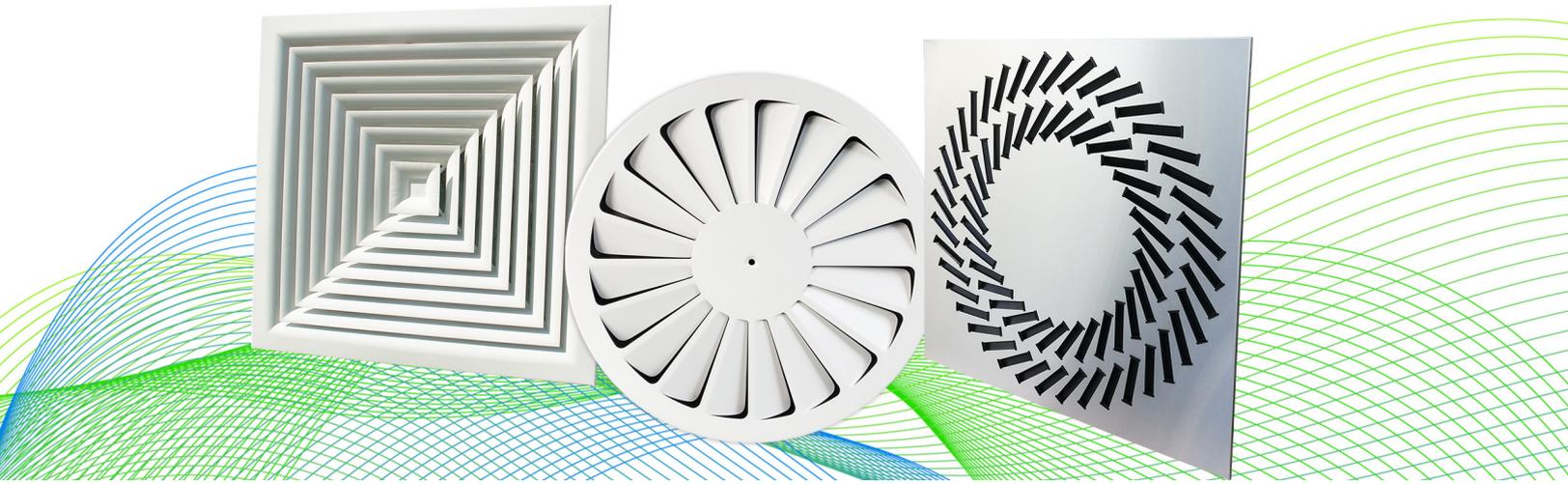


KPZ
Fix blades





CEILING DIFFUSERS: NWK-3, NWO-3, NWK-1, NWO-1, AN



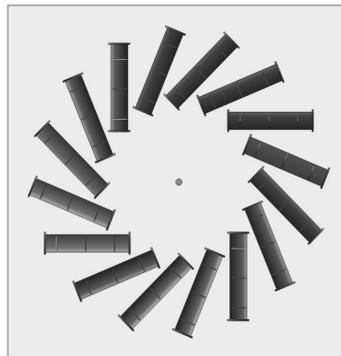
A crucial component of any office building is the set of ceiling-mounted diffusers and anemostats responsible for air supply and exhaust in rooms. Saw-Pol produces components that ensure even air distribution in office spaces. Our products can be equipped with high-class filters (e.g., HEPA filters) to eliminate pollutants such as dust, pollen, or smog. The diffusers and anemostats can be customized for various types of suspended ceilings.

Ceiling air diffusers

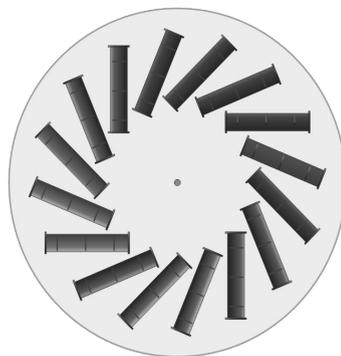
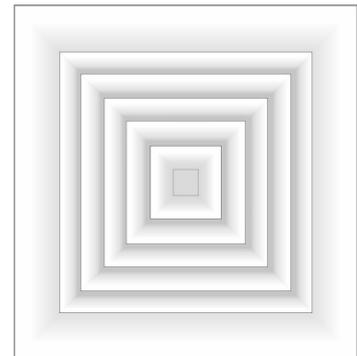
NWK-1
Fix blades



NWK-3
Adjustable blades



Anemostat AN



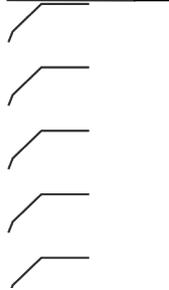


VENTILATION GRILLES: KPZ, KSL, ALWP-1, KFC, ST-W, ST-S

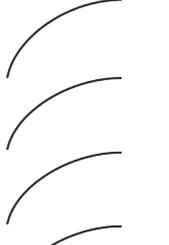
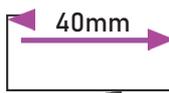


Ventilation grilles are essential elements of ventilation and air conditioning systems, allowing proper air exchange in office spaces. Saw-Pol's products are easy to install and remove, facilitating regular cleaning, which significantly affects indoor air quality. We offer grilles with fixed louvers (e.g., KPZ, KSL, ALWP-1), grilles for fan-coil units (KFC), and ventilation grilles with adjustable louvers that allow control over the direction and intensity of airflow. Our grilles are suitable for office rooms, technical rooms, corridors, restrooms, and kitchenettes.

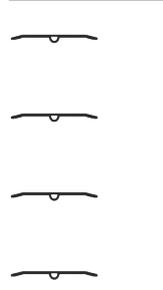
KPZ
fixed blades



KSL
fixed blades



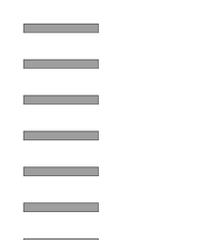
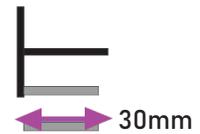
ST-W
adjustable blades



KFC
fixed blades

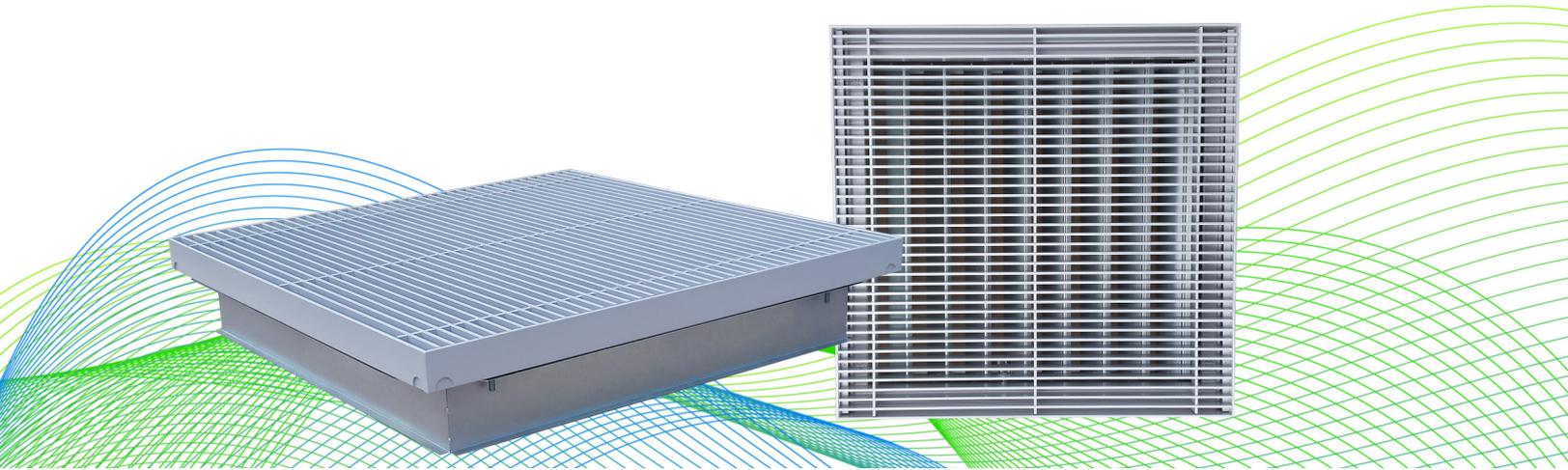


ALWP-1t
Fixed blades with
T-profile frame

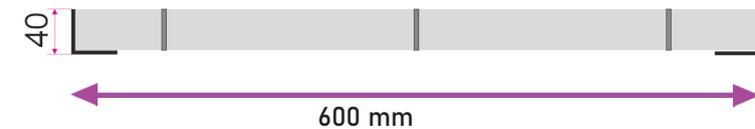




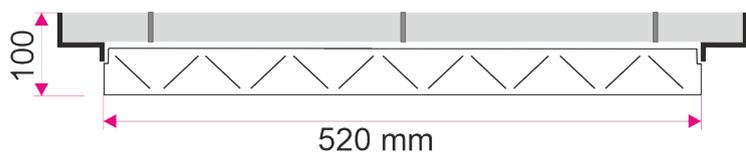
FLOOR GRILLES KPP-1 FOR RAISED FLOOR SYSTEMS



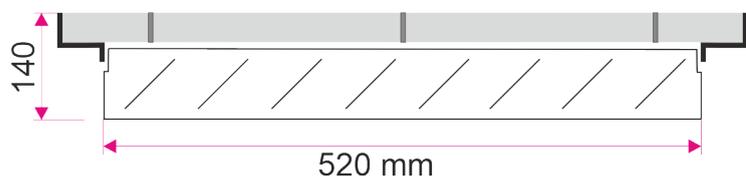
In certain modern office buildings with raised floor systems, air supply grilles are installed directly into the floor. This solution is commonly used in spaces such as server rooms and telecommunications centers. For such applications, we offer the KPP-1 grille, which is specifically designed to fit raised floor systems.



Floor grille KPP-1



Floor grille KPP-1
With opposed damper GP



Floor grille KPP-1
With parallel damper GW





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