



COMBI-PROMADUCT

COMBINED SYSTEM FOR COMFORT VENTILATION AND SMOKE EXTRACTION

Combined COMBI-PROMADUCT system for comfort ventilation and smoke extraction

Modern buildings demand systems that are not only efficient but also safe and space conscious. The **COMBI-PROMADUCT system** is an innovative solution that combines **comfort ventilation** with **fire-rated smoke extraction**, offering a dual-purpose ducting system that enhances both everyday air quality and emergency fire safety.

The COMBI-PROMADUCT system represents a smart, safe, and efficient approach to building ventilation and fire protection. By integrating comfort and emergency functions into a single certified ductwork solution, it helps architects,

Comfort ventilation – providing fresh air and climate control during normal operation.

Smoke extraction – safely removing smoke during a fire, maintaining clear escape routes and aiding firefighting efforts.

engineers, and facility managers meet modern building demands without compromise.

COMBI-PROMADUCT® is a **fire-rated ductwork system** designed to serve **two functions**:

This dual functionality is achieved through a single duct system, constructed using PROMATECT® fire-resistant boards, which are tested to meet stringent fire resistance standards such as EN 1366-1 and EN 1366-8.



Key benefits

1. Space efficiency

By combining two systems into one, COMBI-PROMADUCT reduces the need for separate ductwork, saving valuable ceiling and shaft space—especially important in dense or complex building layouts.

2. Cost savings

Fewer materials, simplified installation, and reduced labor translate into **lower construction and maintenance costs**. The system also minimizes the need for additional fireproofing measures.

3. Energy saving

The combined system offers to your building a **90% theoretical energy saving**.

4. Design flexibility

COMBI-PROMADUCT can be customized to fit various building types, including **high-rise buildings, hospitals, shopping centers, and transport hubs**, without compromising on safety or comfort.

5. Regulatory compliance

It meets the requirements of **European fire safety standards**, helping building owners and designers ensure full compliance with local and international regulations.

6. Durability and reliability

Made from calcium silicate boards, the system is **non-combustible, moisture-resistant, and mechanically robust**, ensuring long-term performance in demanding environments.

Ideal applications

- Multi-use commercial buildings
- Healthcare facilities
- Underground car parks
- Public buildings with high occupancy
- Industrial kitchens and food processing areas



Products used for COMBI-PROMADUCT

PROMATECT®-LT, PROMATECT®-L500,
PROMATECT®-H, PROMACOL®-S,
Promat-Kleber® K84, Promat-SR® Impragnation