

Product Name :
Ventilation System**Product Code :**
THML0008**Description :**

Ventilation System

Technical Specification :

- ventilation system with air handler
- high practical relevance due to the use of industrial components from ventilation technology
- representation of pressure curves

In building services engineering ventilation systems are used for commercial premises, hospitals, restaurants or conference rooms to ensure the air exchange in the individual rooms. In real air handling units the air is heated or cooled by a heat exchanger and cleaned by filters, e.g. from pollen.

MR-HL 720 demonstrates the operation of a ventilation system and its components. The components used are common in commercial ventilation technology and therefore are of high practical relevance. The ventilation system is operated as a pure air supply system.

The air enters via a weather louvre and flows through the components of the ventilation system, such as multi-leaf damper and filter. A fan ensures the air transport. Further down the air duct, typical components, such as sound insulation link, inspection flap, various air outlets and fire protection flap are arranged.

Sight windows enable an insight into the sound insulation link, filter and fan. The original component function remains intact.

The record of pressures and differential pressures at relevant measuring points enables the representation of a pressure curve for the whole system. The components act as in real ventilation systems as flow resistances. The electric drive power of the fan and the volumetric air flow rate are calculated.



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