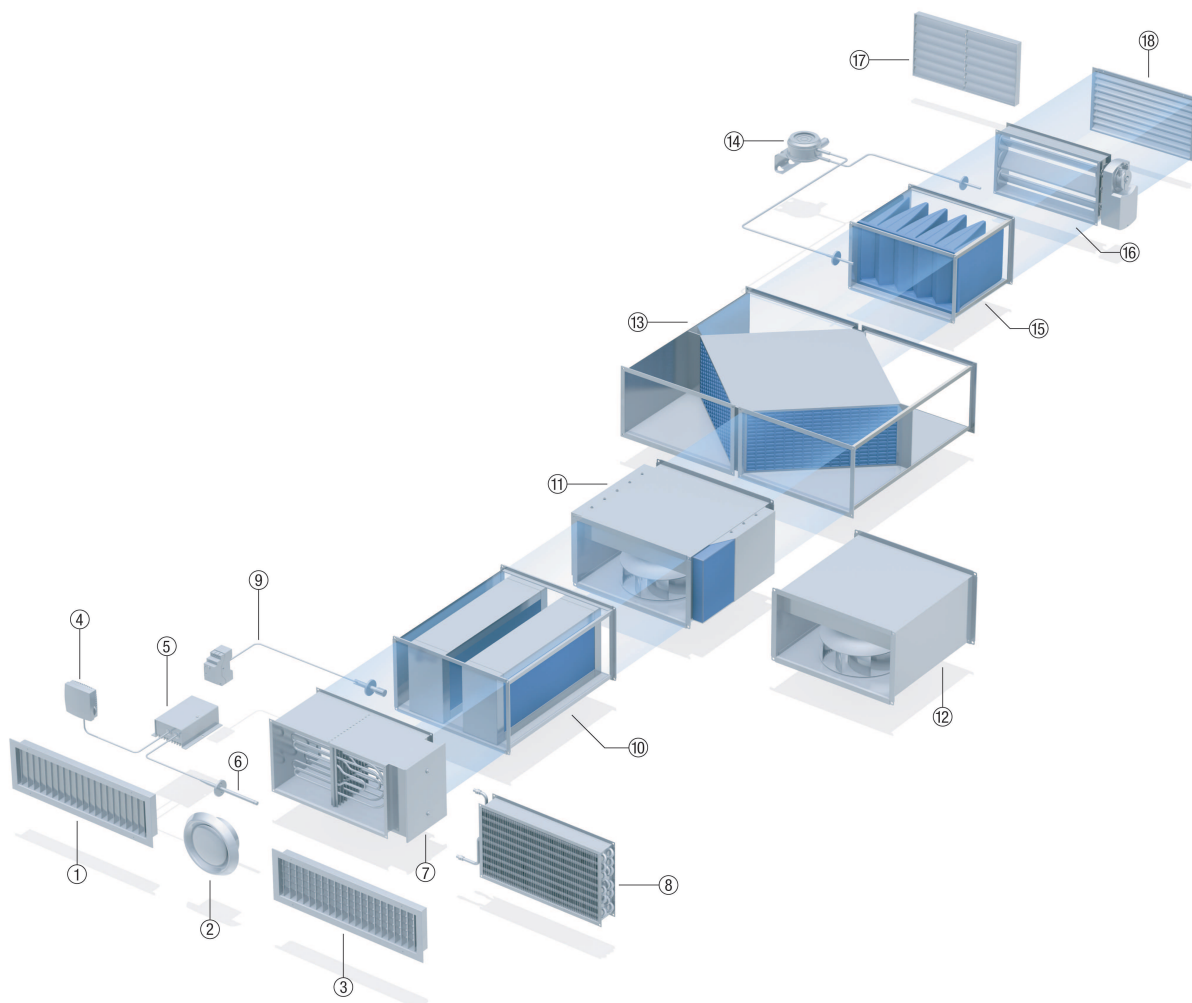


## DSK 31-S EC

- Our response to your requirements are channel ventilation systems from MAICO. After all, these systems are suitable for numerous applications:
  - Production sites
  - Machine extraction units
  - Industrial buildings.
- As a rule, channel ventilation systems are used wherever large volumes of air need displacing. MAICO's range includes fans and components for channel dimensions of between 500 x 250 mm and 1,000 x 500 mm.
- It doesn't matter which MAICO channel ventilation system you work with: Their benefit lies in the modular system. Since all the components fit regardless of the sizes or product groups involved.
- MAICO also offers an extensive range of accessories:
  - Sound absorber
  - Electric air or water air heater
  - Air filter
  - Shutters and grilles for inside and outside



- ① Exhaust air grille
- ② Disk valve
- ③ Supply air grille
- ④ Room sensor
- ⑤ Temperature controller

## DSK 31-S EC

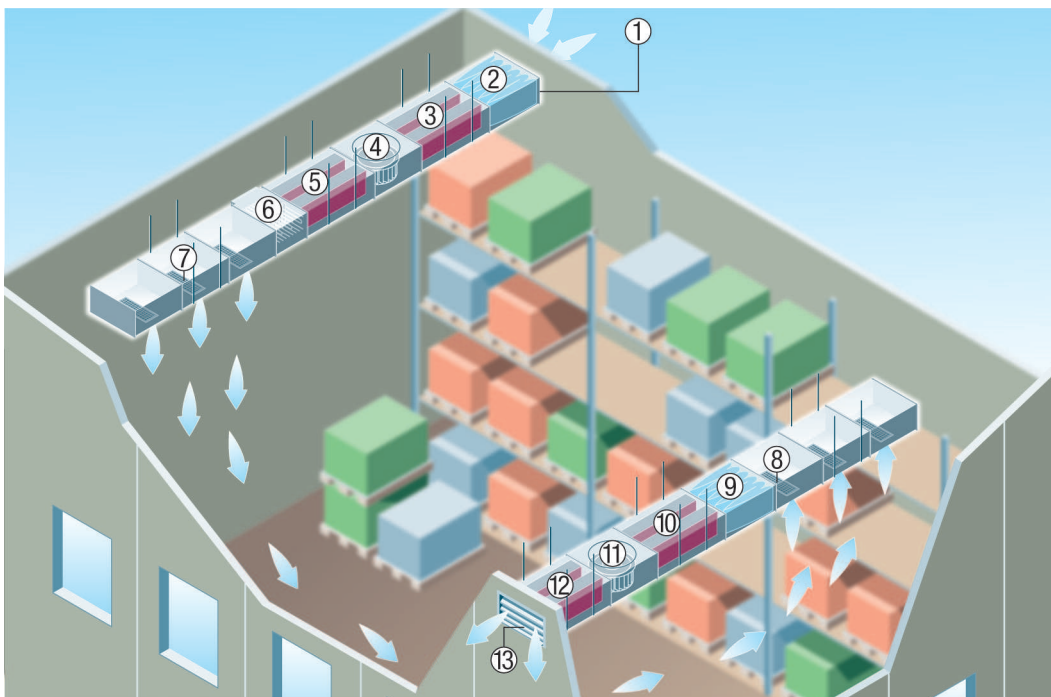
- ⑥ Channel sensor
- ⑦ Water air heater
- ⑧ Electric air heater
- ⑨ Air flow monitor
- ⑩ Channel sound absorber
- ⑪ DPK EC channel centrifugal fan
- ⑫ DSK EC channel centrifugal fan, sound-insulated
- ⑬ Heat exchanger (provided by the customer)
- ⑭ Air filter
- ⑮ Differential pressure controller
- ⑯ Electric shutter
- ⑰ Airstream-operated shutter
- ⑱ External grille

### Channel fans for industrial facilities

■ MAICO channel fans are particularly well suited to all kinds of industrial application:

- Warehouse
- Assembly and production hall
- Machine extraction units
- Workshops.

■ Channel fans are recommended in particular in the event of large room volumes and correspondingly large air volumes. The right ventilation solution can be produced for any conceivable requirement thanks to the fact that the system components (fan, air heater, air filter, etc.) can be combined in any way. The diagram shows a typical application for extracting air from and ventilating a warehouse.



- ① External grille
- ② Air filter
- ③ Channel sound insulation
- ④ Channel fan
- ⑤ Channel sound insulation
- ⑥ Electric air heater
- ⑦ Internal grille
- ⑧ Internal grille
- ⑨ Air filter

## PLANNING INSTRUCTIONS

### DSK 31-S EC



- ⑩ Channel sound insulation
- ⑪ Channel fan
- ⑫ Channel sound insulation
- ⑬ External grille