

## ERM 22 Ex e

### ERM ... Ex e for air extraction from storage rooms with explosive atmospheres

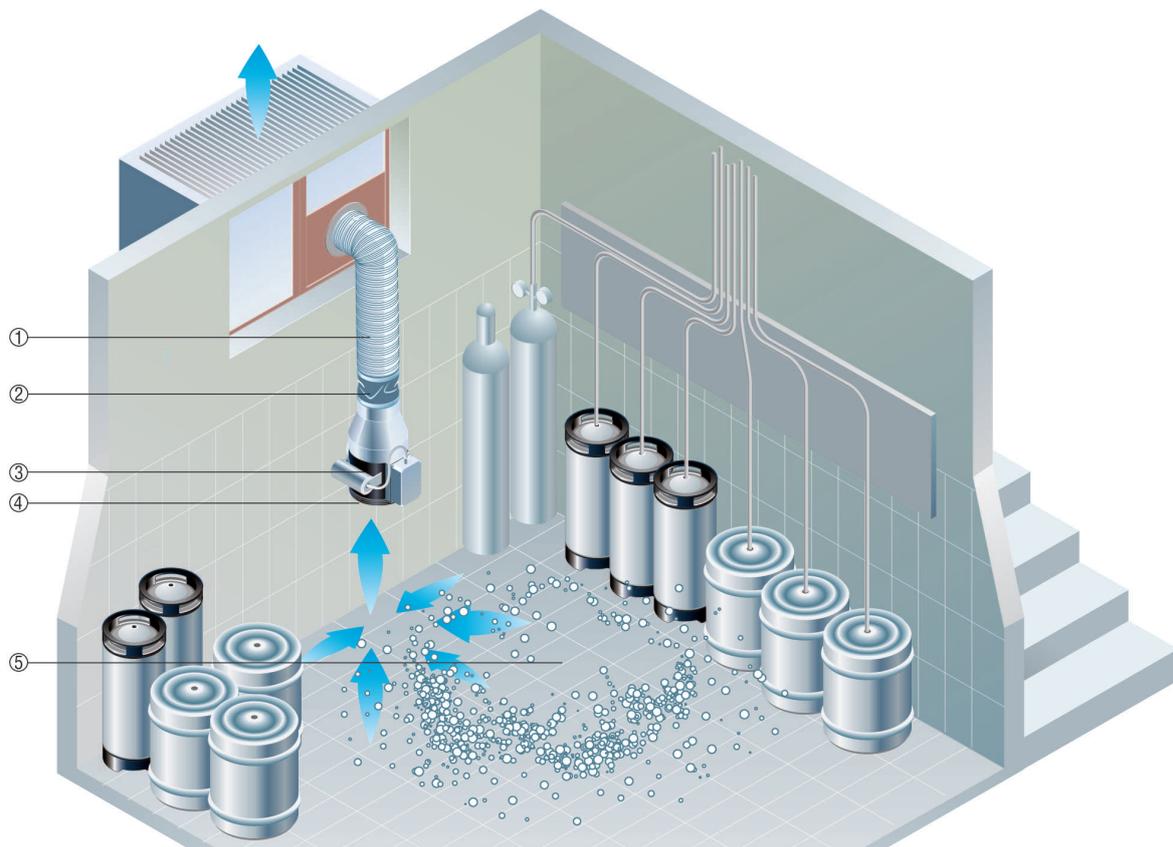
■ MAICO fans can be used to bring the concentration of combustible gases under the explosion limit. This reliably prevents the formation of an explosive atmosphere.

■ In the example shown, an ERM ... fan extracts Ex e gases, that are heavier than air. It is therefore positioned close to the ground.

- ① Ventilation duct, to be provided by the customer
- ② ELM ... fixing cuff Ex
- ③ Fan ERM ... Ex e
- ④ SGM ... protective grille Ex
- ⑤ Explosive atmosphere

### ERM ... E Ex e for the ventilation of storage rooms with explosive atmospheres

MAICO fans can be used to bring the concentration of combustible gases under the explosion limit. This prevents the build-up of an explosive atmosphere. In the example shown, an ERM ... E EX e fan extracts gasses that are heavier than air. This is why the fan is installed close to the ground.



- ① Ventilation duct, to be supplied by the customer
- ② ELM ... Ex Fixing cuff
- ③ ERM ... E Ex e fan
- ④ SGM ... Ex Protective grille
- ⑤ Potentially explosive atmosphere

### Installation in ventilation ducts

■ The illustration shows the installation of an ERM-Ex fan within a duct system.

■ Use FUM foot to fix the fan to the wall or ceiling. The mounting foot can be fixed to the fan circumference, in any position, using the tapping screws provided.

# INSTALLATION INSTRUCTIONS



## ERM 22 Ex e

- ① Ventilation duct, to be provided by the customer
- ② ELM-Ex flexible cuffs
- ③ REM-Ex reducer
- ④ Terminal box
- ⑤ Ceiling, girder
- ⑥ FUM mounting foot
- ⑦ ERM-Ex fan

### Installation at the end of the line, free fan inlet

- The illustration shows the installation of an ERM-Ex fan at the end of a duct system.
  - Use FUM foot to fix the fan to the wall or ceiling. The mounting foot can be fixed to the fan circumference, in any position, using the tapping screws provided.
  - In case of free air outlet, use protective grille SGM-Ex.
- ① Ceiling, girder
  - ② Ventilation duct, to be provided by the customer
  - ③ ELM-Ex flexible cuffs
  - ④ REM-Ex reducer
  - ⑤ ERM-Ex fan
  - ⑥ FUM mounting foot
  - ⑦ SGM-Ex protective grille
  - ⑧ Terminal box