INSTALLATION INSTRUCTIONS

ERM 18 Ex e/60 Hz

ERM ... Ex e for air extraction from storage rooms with explosive atmospheres
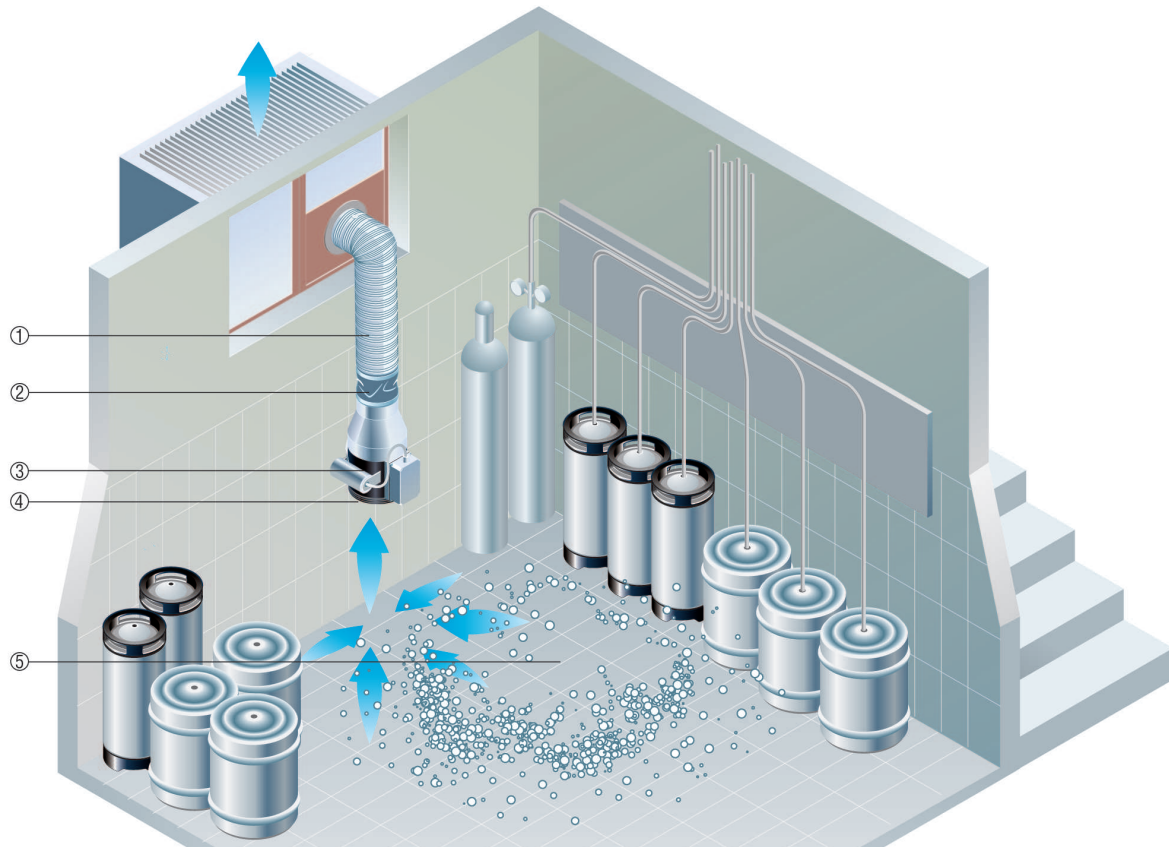
■ MAICO fans can be used to bring the concentration of combustible gases under the explosion limit. This reliably prevents the formation of an explosive atmosphere.

■ 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.

ERM 18 Ex e/60 Hz

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

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