

Automatic auxiliary extinguishing equipment

maximat KSPA 100

*Cool down.
Fire Protection by*

MINIMAX

Product

- ▶ The automatic auxiliary extinguishing equipment maximat KSPA 100 is a compact solution on the basis of the conventional sprinkler system technology. The KSPA 100 is dimensioned for risks with a water discharge of max. 5 mm/min (low fire loads). In case of fire only those sprinklers open, which are located right next to the source of fire. Due to the pressure decrease in the system the main pump of the water supply is started, and the extinguishing water from the storage tank (with automatic back-feed) is transported to the sprinkler. Due to the special construction of the sprinklers the extinguishing water is evenly distributed over the source of fire, and the fire is fought. The control and monitoring centre generates an optical and acoustical alarm. It is also possible to forward the alarm to the fire brigade or to a station continuously manned (e.g. central building control centre).
- ▶ The scope of supply of the kit consists of the following main groups:
 - pressure increase station
 - tank unit BESV
 - control centre
 - test equipments
 - special sprinklers

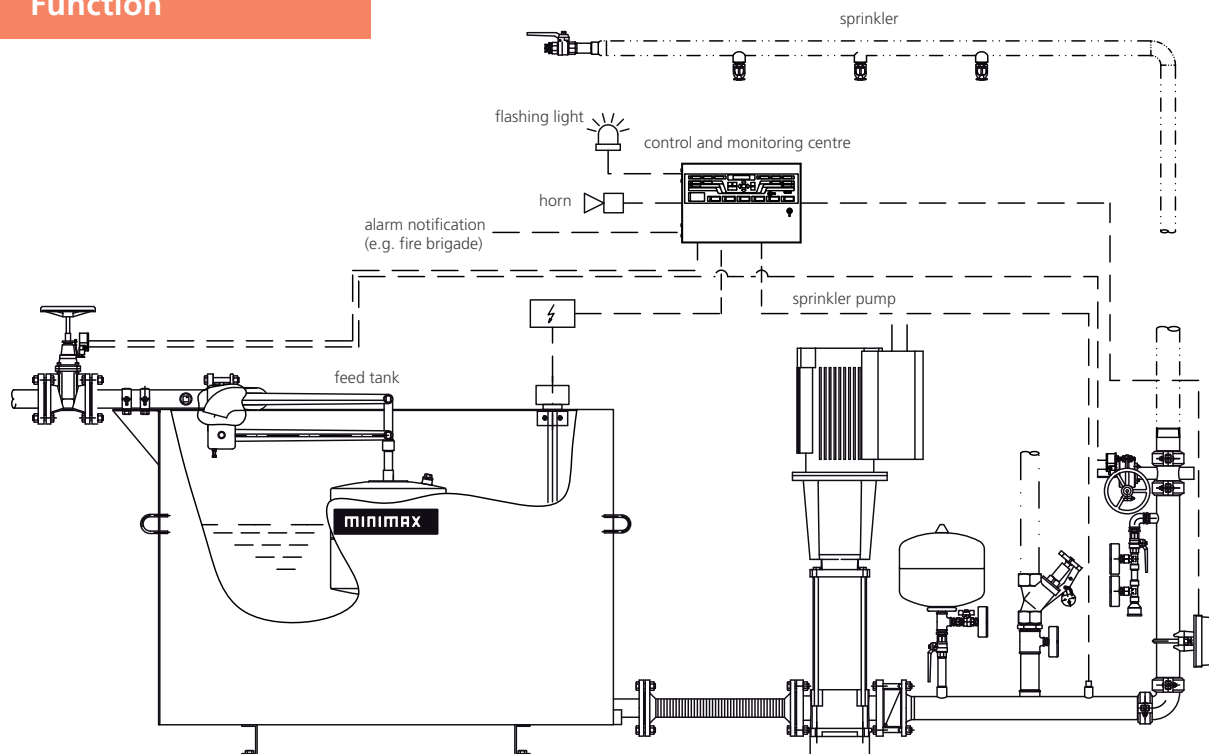
Application

- ▶ The automatic auxiliary extinguishing equipment maximat KSPA 100 is intended for risks, where fire protection is required by the fire brigade resp. as self-protection measure up to an area of 100 m².
- ▶ Typical applications are:
 - winter gardens
 - kiosks
 - technical rooms
 - escape routes
 - staircases
- ▶ Every layout is effected object-related considering the piping isometry, the resulting computational proof and all further technical requirements.

Your advantages

- ▶ Little space requirement due to compact design of the water supply
- ▶ Ideal for retrofitting in existing buildings
- ▶ Durability due to high-quality materials
- ▶ Low consumption of extinguishing water
- ▶ Efficient fire fighting by means of selectively acting sprinkler
- ▶ Minimized fire and extinguishing water damages
- ▶ High environmental and personal protection
- ▶ Fire protection suitability and drink-water suitability by certified components:
 - free outlet (complete steel container device maximat BESV)*
 - float valve*
 - rinsing device*
- ▶ The streamlined construction of the float valve ensures high discharge rates with low pressure loss
- ▶ Easier expert approval due to application of certified components*
- ▶ A special control and monitoring centre with potential-free contacts allows forwarding to the central building control system
- ▶ Good maintainability due to good accessibility to all fittings and switching elements

Function



Scope of delivery

▶ Water supply:

- Steel hopper BESV 600 L, with automatic backfeed device, filling level control
- Main pump with special control for pressure maintenance and for supply of opened sprinklers
- Pump test device
- Shut-off devices
- Flow detector with test device
- Test sprinkler
- Dokumentation

▶ Control/monitoring :

- Control and monitoring centre
- Monitoring of 2 shut-off fittings

▶ Alarm means:

- Horn
- Flashing light

▶ Sprinkler:

- Special sprinkler (hanging or standing execution), chromed

▶ Optional accessories:

- Kit for suspended ceilings
- Rinsing device

Maintenance

- ▶ Every layout is effected object-related considering the piping isometry, the resulting computational proof and all further technical requirements.
- ▶ Your Minimax service effects all works for inspection and maintenance.

Technical data

- ▶ Supply voltage: : 400V/50Hz 3~/N/PE
Rated power: 11 kW
Rated current: 21,4 A
- ▶ Control electronics with
VdS-approval no.: G-298006
Regulations: EN54-2, EN54-4
- ▶ *DVGW-registration-no.: DW-0903AQ2013 for float valve
DVGW-registration-no.: NW-0402CL0020 for rinsing device
DVGW-registration-no.: NW-6102BS0359 for free outlet



Das Unternehmen ist gemäß ISO 14001:2004 zertifiziert.

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