



DirectAlarm and DirectAlarm Foam – simplified alarm tests

*Cool down.
Fire Protection by*

MINIMAX

► Product ► Use + Advantages

- ▶ With the **DirectAlarm** accessories kit, the piping of Minimax wet alarm valve stations DN 80 to DN 200 is changed, whereby the alarm signalling equipment can be function tested without removing water from the sprinkler piping.
- ▶ With **DirectAlarm Foam**, the entry of the foam/water mix into the sewage system and the use of foaming agent concentrate are reduced to the smallest possible amount.

Weekly testing is not carried out using the foam/water mix from below the alarm valve but using the water from the pump manifold before the proportioner. A small amount of foam/water mix needs only to be removed from the piping at half-yearly function tests when the station is opened. When using a maintenance valve, this amount is further reduced.

- ▶ The **DirectAlarm** accessories kit and the **DirectAlarm Foam** version can be easily retrofitted with the existing Minimax wet alarm valve stations DN 80 to DN 200.
- ▶ A factory-made installation to new wet alarm valve stations can be carried out on request.
- ▶ In connection with a second shut-off fitting, considerable savings are made with foam sprinkler systems.
- ▶ When used/retrofitted in existing sprinkler systems, VdS and FM approval is retained.

- + Considerable reduction of maintenance time for sprinkler technician.
- + Split-second testing and thus only a similarly short interruption of sprinkler system operability indicator.
- + Small amount of water required, representing cost savings for the operator.
- + Reduction of corrosion risk through the use of oxygenated fresh water.
- + Active contribution to environmental protection.
- + Option to retrofit with Minimax wet alarm valve stations.
- + Reduction of false alarms through constant pressure in sprinkler piping.
- + Perpetuation of premix compound.



Water use in alarm tests (wet alarm valve station) per year



Standard

With DirectAlarm

Foaming agent use in alarm tests (wet alarm valve stations) per year



Standard

With DirectAlarm Foam

The guidelines for VdS CEA 4001 sprinkler systems recommend weekly testing of alarm signalling equipment.

For this purpose, the sprinkler attendant opens a test valve and removes water from the sprinkler piping until the alarm signalling equipment reacts.

Through the **DirectAlarm** modification kit, the piping is changed, whereby the alarm signalling equipment is tested for proper functioning without having to remove water from the sprinkler piping.

In addition, a conventional function test is required every six months, whereby the wet alarm valve station is opened.

- ▶ In foam sprinkler systems, a large amount of foam/water mix can be saved by using the **DirectAlarm Foam** version for operating tests. In contrast to **DirectAlarm**, the water required for the alarm bell test is not taken from the manifold below the station, but from the piping to the proportioner.
- ▶ For the system operator, this means considerable potential for savings, as almost no foaming agent is used and disposed of.
- ▶ Eliminating the need for sewage works also means an active contribution to environmental protection.
- ▶ With the useful inspection valve accessory, the removal of foam/water mix is also avoided during maintenance.
- ▶ The foam/water mix composition remains in the sprinkler piping.