

ACCURO
FIRE PROTECTION SYSTEMS



ACCURATEFLOW-INERT



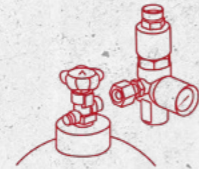
REVOLUTIONARY GAS EXTINGUISHING SYSTEM TECHNOLOGY

EFFECTIVE, ECONOMICAL AND EASY TO MAINTAIN

Decades of experience in the planning, installation and maintenance of countless gas extinguishing systems flowed into the new development. It was achieved to identify or eliminate the disadvantages of the existing systems on the market and to develop solutions that were superior in terms of:

- Operational safety
- Operating comfort
- Clarity
- Installation time
- Purchase price
- Maintenance and servicing result

to an optimum.



Valve replacement without emptying the gas cylinder

In the event of a leaking quick-opening valve, it can be isolated from the gas cylinder. Emptying and subsequent refilling is no longer necessary.



Limit switch monitoring of the manual and electrical release device

Any tampering with the control unit is electrically monitored and can be displayed and stored at the fire alarm control panel.



Reliable and user-friendly

The clear arrangement of the system modules prevents installation errors and false activations during operation and maintenance.



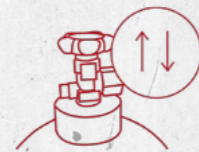
Fast delivery and low transport costs

Short delivery time due to the use of standardized units instead of custom parts. Hazardous goods transport can be omitted, if necessary, as gas cylinders can also be transported empty and filled on site.



Leakages can be eliminated quickly

The possibility of isolating the quick-opening valve from the pressure of the extinguishing agent tank means that any leaks can be detected quickly and repaired.



Easy refilling

Possible worldwide, without special tools and without special knowledge.



Function test without room flooding

Complete function test (triggering) of the extinguishing system possible without room flooding.



Short assembly times

The modular design means that few individual components are used. Assembly is therefore quick and uncomplicated.



Effective maintenance

Simple, fast and safe maintenance.



Inexpensive parts and components

Inexpensive and competitive due to the use of modular assemblies.

EXTINGUISHING SYSTEM COMPONENTS

TECHNICAL DETAILS AND ADVANTAGES

MECHANICAL TIME DELAY

- Due to the new design, fewer components are being used and therefore reducing the risk of leakage is reduced greatly.
- The entire unit is built more compact and therefore easier to assemble and maintain.
- All components have been specially developed for this system.
- An integrated safety valve makes system operation safer and allows for better usage of the system.



PILOT CYLINDER VALVE

- Instead of an old-fashioned conventional pilot valve, a self-sufficient control unit is used.
- The pilot cylinder can be installed separately from the control unit, allowing a more flexible component distribution.
- Large working range from 40bar to 70bar ensures flexibility and operational safety.
- Refilling can be carried out worldwide by non-specialized staff, knowledge and tools.



FLOODING SWITCH

- Switches when pressure rises above 3 bar and locks.
- Integrated limit switches transmit the signal to the fire alarm control panel.
- Locking can easily be released from the outside without tools.
- A 100% simulation of flooding is possible during commissioning testing and functionality examination.
- The operating status is visible from the outside.



SECTION VALVE

- Section valves are available up to 4".
- Operating position can be seen from the outside at all times. Reset is possible mechanically or pneumatically.
- Position monitoring of valves via limit switches.
- The signals can be transmitted to a fire alarm control panel.



EXTINGUISHING SYSTEM COMPONENTS

TECHNICAL DETAILS AND ADVANTAGES

CONTROL UNITS

- Clear operation and maintenance due to combination of control and monitoring elements.
- Can be installed spatially separate from extinguishing agent containers (e.g.: control room).
- Quick installation and elimination of interference sources through modular series connection.
- Robust construction that works even under the most adverse environmental conditions.
- Leakage-vent valve is mounted on the valve block.
- Operating status of manual release and blocking can be secured by padlock.
- Manual blocking is monitored by limit switches in both end positions.
- The manual release is monitored by limit switches as well. Activation can be recorded in the event log of the fire alarm control panel.
- No destruction of components when the extinguishing system is triggered (e.g. puncturing of bursting discs).
- Re-commissioning is possible without replacing components.
- Clear labelling in readable size.
- The position of the solenoid valve is monitored by the limit switch, to detect possible manipulation of the system.

BLOCKING DEVICE



COMBI BLOCK



CONTROL BLOCK



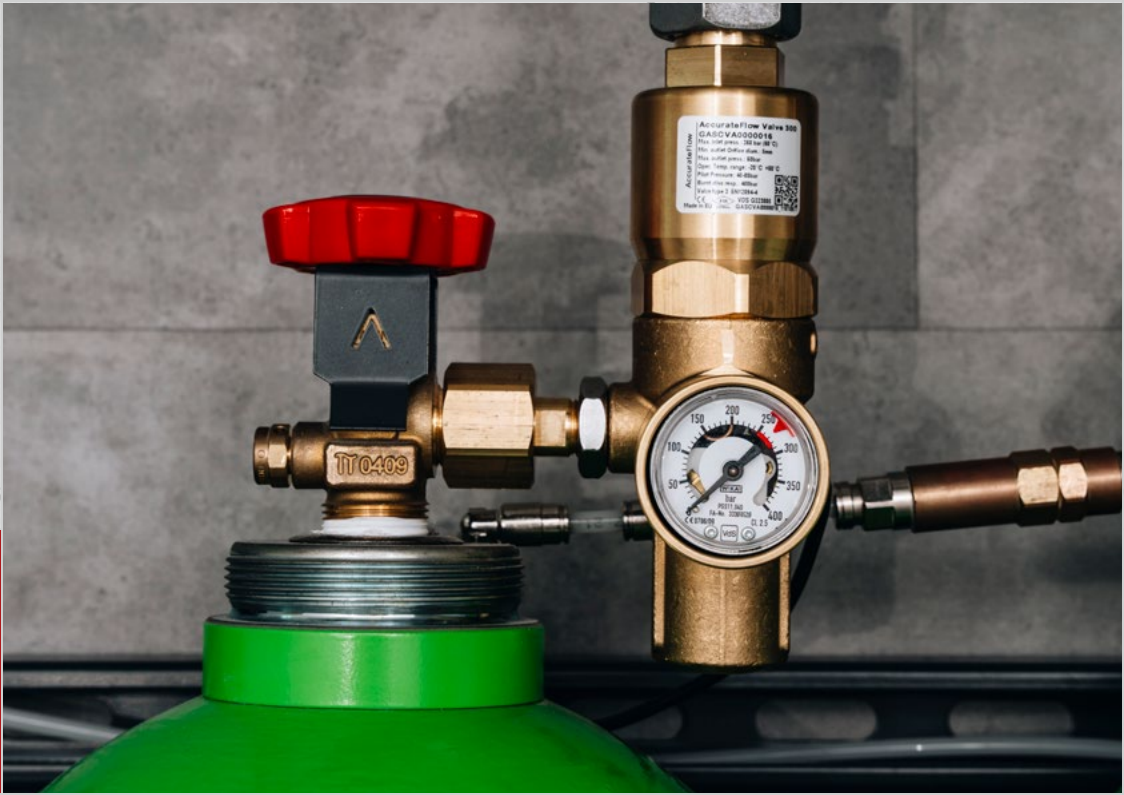
EXTINGUISHING NOZZLES

- The new design ensures optimal extinguishing gas discharge and supports uniform concentration build-up in the extinguishing area.
- Radial outlet openings reduce noise during flooding. Orifice openings can be adapted by the fitter. This allows a quick response to changes in the piping.
- Optional silencers are available.

QUICK-ACTION VALVE

- The new, technically up to standard, valve design ensures reliable operation under harsh environmental conditions.
- No valve components are destroyed when triggered. The system can therefore be put back into operation quickly and easily.
- Refilling can be carried out worldwide by non-specialized staff, knowledge and tools.
- Function test (triggering) of the quick-action valve can be carried out with full extinguishing agent containers.





ACCURO
Fire Protection Systems

Matthäus-Much-Str. 7
5310 Mondsee, Austria

phone: +43 6232 5055-0
office@accuro.at
www.accuro.at

