

ZARYA

# ZARYA

Clean Agent  
Fire Suppression System



Made  
in Russia



# Best fire safety solution for server and archive rooms and data centres

one module protects  
up to 40 m<sup>3</sup>

10 years minimum  
service life

The Fire Suppression System Manufacturer of the ISP group is the current leader of the fire safety innovation industry in Russia.

When people need to protect their server or archive room, bank vault or warehouse with expensive equipment, container units or DGU (diesel generator unit), they come to us.

We have developed the best solution that will enable you not only to provide the best protection for your equipment but also to significantly reduce project completion time and budget.



# Five key advantages for you

Adequate fire safety without pipelines and welding safe for equipment and people – ZARYA



## SIMPLICITY

- The installation of a ZARYA fire suppression system takes but two steps: place the modules on the wall or ceiling and run a fire alarm cable
- No need to draw axonometric diagrams
- No need to commission a hydraulic analysis
- It now takes a mere 15 minutes to fully calculate the requisite quantity of modules and fire-extinguishing agent for any of your locations

You can use our Zarya -Online service free of charge to make your own estimates or ask us to do it for you



## SAVINGS

- Using ZARYA fire safety systems does not involve welding
- No need to install a pipeline
- No need to provide storage for modules with fire-extinguishing agent and 100% stock of modules for the entire facility
- Also, the entire system can be installed by a few trained technicians, which drastically reduces the labour costs



## SPEED

- We respond to any enquiry from you within 5 minutes
  - We email you specifications and a generic design in no time
  - We make an estimate for your facility within a mere 15 minutes
  - We manufacture modules within 10 days
- Factor a simple and quick installation into the equation, and you will have a project completion time unparalleled by any other manufacturer in Russia



## RELIABILITY

- ZARYA means national Clean Agent Fire Suppression System made of ultra-high quality materials
- Lifetime warranty on modules
  - The fire cylinder valve is all made of a strong, expensive, long-wearing and durable non-ferrous metal
  - ZARYA cylinders are made of high-quality steel, with X-ray inspection of every weld seam, made by robots under constant human supervision
  - Every cylinder passes a number of leak tests and is rated for triple the working pressure



## CARE

- We welcome any enquiry from you
  - Prompt responses (within 5 minutes of receipt during hours) and a quick KP (costing) for your facility (within 15 minutes)
  - Competent advice
  - Generic designs
  - Assistance with design
  - Preparation of tender bids
  - Fast door-to-door delivery to your location
- Refreshments and customer-friendly service.  
We are willing to go the extra mile for you!  
Or even two.....:))

# Product line

## Applications:

- DATA CENTRES/COURT ARCHIVES AND PROPERTY ROOMS
- SERVER ROOMS/ARCHIVES/DATA CENTRES
- SWITCH ROOMS/BANKS/CONTAINER UNITS
- TELEPHONE EXCHANGES/DIESEL GENERATOR UNITS
- ELECTRICAL ROOMS UP TO 10000 VOLTS
- LIBRARIES AND MUSEUMS/POWER STATIONS/COMPRESSOR HOUSES
- HIGH-VALUE EQUIPMENT ROOMS
- SECURE COMMUNICATION ROOMS/MEDICAL CENTRES

AUTOMATIC (electrical, pyrotechnic fastener),  
MANUAL (manual fire alarm button),  
AUTONOMOUS (heat sensor with a 68 °C trigger point)

## ACTIVATION TYPE:

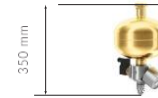
AUTOMATIC (solenoid valve), MANUAL.  
Connectable to discharge hose

ZARYA-3



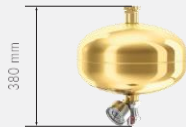
3 l capacity  
up to 5 m<sup>3</sup> protected space  
weight up to 6 kg  
Ø 210

ZARYA-3  
with solenoid valve



3 l capacity  
up to 5 m<sup>3</sup> protected space  
weight up to 6 kg  
Ø 210

ZARYA-10



10 l capacity  
up to 18 m<sup>3</sup> protected space  
weight up to 22 kg  
Ø 310

ZARYA-10  
with solenoid valve



10 l capacity  
up to 18 m<sup>3</sup> protected space  
weight up to 22 kg  
Ø 310

ZARYA-22



22.5 l capacity  
up to 40 m<sup>3</sup> protected space  
weight up to 40 kg  
Ø 360

ZARYA-22  
with solenoid valve



22.5 l capacity  
up to 40 m<sup>3</sup> protected space  
weight up to 40 kg  
Ø 360



LIFETIME WARRANTY

# Specifications

10 years

SERVICE LIFE

5 years

RECERTIFICATION PERIOD



WORKING PRESSURE:

# 16 bar



ACTIVATION TYPES:

- 2 automatic activation modes:
  - electrical, pyrotechnic fastener
  - solenoid valve
- Autonomous heat sensor with a 68 °C trigger point
- Manual, by manual fire alarm button

## CLEAN AGENTS

- FM-227ea, FM-200
- FK 5-1-12

Integratable with any AFA (automatic fire alarm) and AFSU (automatic fire suppression unit), including:



## Key advantages:

Design without hydraulic analysis

No piping

Simple, quick and easy installation

No special module storage required

No full stock of clean agents, cylinders or fire cylinder valve required

Just sign up for a Skype consultation  
and become an exclusive or non-exclusive dealer!

Pavel Perelygin,  
Export Manager

7 499 877 48 18

perelygin@zarya.one