

# JSC PIROCHIMICA PARABOLA

30/50/100/200/500/1000/2000  
Stand-alone fire suppression system

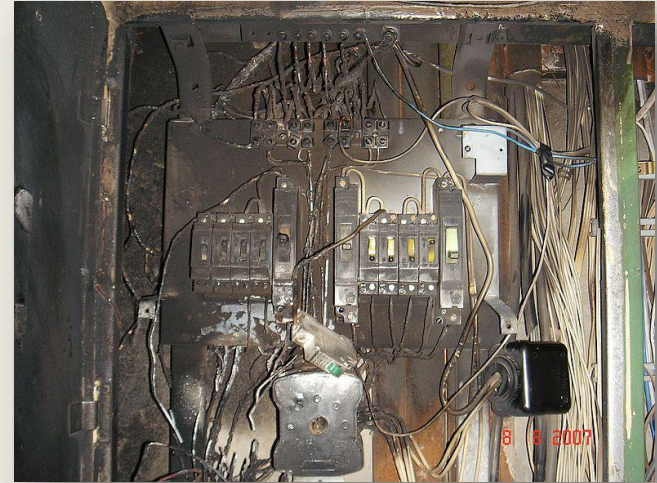


**Moscow 2017**

# Causes of fires

Analyzing the causes of fires in buildings has shown that the most common reason of ignitions is a short circuit in the wiring.

[Watch the video](#)



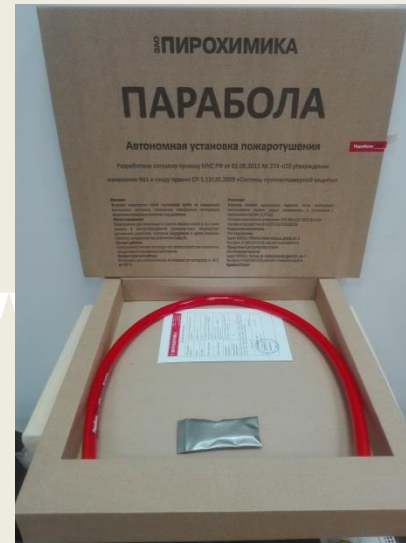
Particularly ignition begins in electrical cabinets and switchboards.

[Watch the video](#)

# Stand-alone fire suppression system PARABOLA is developed for localization and extinguishing fire A2 and B classes, fires inside of energized electrical cabinets.

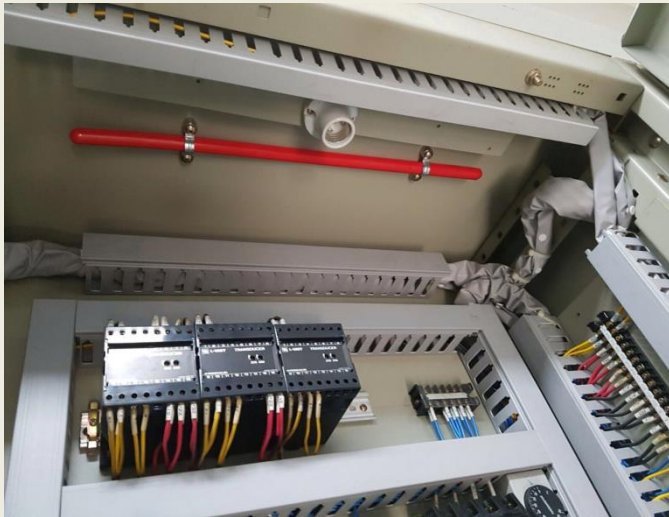
The system is a polymer material tube filled with a fire extinguishing substance which is a liquefied blend based on organofluorine. PARABOLA also can be equipped with a manual emergency launch system (MELS).

[Watch the video](#)



# Scope — protection of local sections

Stand-alone fire suppression system PARABOLA is an innovative solution for fire protection of electrical cabinets.



# Design and operation

The system consists of special tube soldered from both sides, liquefied fire extinguishing substance based on organofluorine inside and forced/automatic launch system (optional).



The tube blows in the most heated place after increasing of the temperature to dangerous level or open fire and releases fire-fighting substance which extinguishes fire.

# Technical characteristics

№	Technical property	Parabola model							
		-20	-30	-50	-100	-200	-500	-1000	-2000
1	Protected volume, m <sup>3</sup>	0,025	0,04	0,06	0,12	0,23	0,55	1,1	2,2
2	Diameter, mm	12 ± 1	12 ± 1	12 ± 1	16 ± 1	16 ± 1	16 ± 1	16 ± 1	16 ± 1
3	Length, mm	85 ± 5	130 ± 10	200 ± 10	500 ± 10	1000 ± 50	1800 ± 50	2500 ± 50	5000 ± 50
4	Mass of extinguishing agent, grams	4 ± 1	7 ± 1	20 ± 3	110 ± 20	220 ± 20	350 ± 50	500 ± 50	1000 ± 50
5	Mass of Parabola, less then, grams	20	30	50	150	280	500	700	1400
6	Operation temperature	-40 °C ... +60 °C							
7	Activating temperature	+120 °C							
8	Time of extinguishing	Less than 5 sec							

# JSC PIROCHIMICA



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