

The autonomous powder fire extinguishing device



■ About FINFIRE



The autonomous powder fire extinguishing devices "SPHERE", "TAB" and "KUPOL" are used as a primary means of extinguishing fires.

The devices are triggered automatically by fire, they are completely autonomous, their use does not require human presence, and for installation - no special sensors or complex installation.

The simple design of the device does not require special skills or great physical effort when using it, and there is no need to approach the source of the fire, which allows "FINFIRE" - to be used by untrained people.

By equipping your premises with FINFIRE, you reduce the risk of fire spreading several times.

[Watch FINFIRE video](#)



■ Classes of Fire

FINFIRE are used to extinguish classes of fire



Class A
Fires of solid
flammable
substances and
materials



Class B
Fires of flammable
liquids or melting
solids and materials



Class C
Gas fires



Class E
Fires of flammable
substances and
materials of
electrical
installations under
voltage

■ Application Areas



Buildings,
apartments



Agricultural
buildings,
cottages



Public places



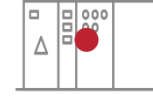
Stores



Gas and oil
refining stations



Railway
transport



Control
Dispatch
points



Garage premises



Cable shafts,
electric stations



Sea and river
transport



Automobile
transport



Oil and gas
production



Storage and
production
facilities



Electric
transport



Aviation and
armored
vehicles



Radio and television
equipment,
computers

- Are made from



“FINFIRE "SPHERE", "TAB" and "KUPOL" consist of a polystyrene (foam) case with fire extinguishing powder inside.

The fuse cords run along the surface of the case, which are connected with a spray cartridge.

- The devices are triggered by contact with an open flame.
- False alarms are excluded.
- The devices are safe for humans and animals.
- Do not contain harmful substances.

■ Operating Principle of the Device



1. Ignition.



2. Fire comes in contact with the "FINFIRE" device.



3. The fire-conducting cords running along the surface of the body activate the spray cartridge inside the device.



4. After activation, the device body is destroyed and fire extinguishing powder is sprayed to extinguish the fire.

■ Advantages



They are triggered automatically by fire without human intervention



Instantly extinguishes fire (in 3-10 sec.)



Protects volume up to 5 m³



Easy to use. Does not require special skills



Maintenance free



Notifies when triggered by a clap (118 dB)



Safe for humans, animals and the environment



Long service life is 5 years



Made in Russia

Certificates

ЕВРАЗИЙСКИЙ ЭКОНОМИЧЕСКИЙ СОЮЗ

ЕАЭС

СЕРТИФИКАТ СООТВЕТСТВИЯ
№ БАЭС - RU - RU.С.14.С.13.9.0088723
Серия **RU** № 0414183

ОРГАН ПО СЕРТИФИКАЦИИ «ЮНТЕСТ» ФГУП ВНИИПО МЧС России
Федеральное государственное бюджетное учреждение «Всероссийский научно-исследовательский институт противопожарной обороны» Министерства Российской Федерации по делам гражданской обороны, чрезвычайным ситуациям и ликвидации последствий стихийных бедствий, место нахождения: 143002, РОССИЯ, Московская область, г. Балашиха, пер. ВНИИПО, д. 12, регистрационный номер РА.РД.10-С.13 от 04.05.2016, телефон: +7 495 524 8161, +7 495 524 8150, адрес электронной почты: rotest@vniipo.ru

ЗАЯВИТЕЛЬ: ОБЩЕСТВО С ОГРАНИЧЕННОЙ ОТВЕТСТВЕННОСТЬЮ «СТРАДА», место нахождения: 125401, РОССИЯ, МОСКОВСКАЯ ОБЛАСТЬ, г. ИРБИНСКИЙ, ул. Производственная, д. 4, ОГРН 107431201444, телефон: +7 832781934, e-mail: avlad@kso.ru

ИЗГОТОВИТЕЛЬ: ОБЩЕСТВО С ОГРАНИЧЕННОЙ ОТВЕТСТВЕННОСТЬЮ «СТРАДА», место нахождения: РОССИЯ, МОСКОВСКАЯ ОБЛАСТЬ, г. ИРБИНСКИЙ, ул. Производственная, д. 4, ОГРН 107431201444, телефон: +7 832781934, e-mail: avlad@kso.ru

ПРОДУКЦИЯ: Устройства порохового пожаротушения автомобильные «СФЕРА», «ТАБ», «КУПОЛ» по ТУ 28.28.22.03-9848463-2022 «Устройства порохового пожаротушения автомобильные «СФЕРА», «ТАБ», «КУПОЛ». Технические условия»
Серийный выпуск

КОД ТН ВЭД ЕАЭС: 8424 10 00 0

СООТВЕТСТВУЕТ ТРЕБОВАНИЯМ: ТР ЕАЭС 043/2017 «О требованиях к средствам обеспечения пожарной безопасности и пожаротушения»

СЕРТИФИКАТ СООТВЕТСТВИЯ ВЫДАН НА ОСНОВАНИИ:
Счета сертификационных испытаний № 091477 выдан 20.12.2021 г.
Итого выданы сертификаты ЕАЭС ЦПТ и СТ ЕАЭС: 47 шт.
Акт о результатах анализа состояния пожарной безопасности № 19208 от 21.05.2023 г.
С/С «ЮНТЕСТ» ФГУП ВНИИПО МЧС России, РА.РД.10-С.13.
Эксперт-аудитор: Валерия Григорьевна Павлова, Карин Александр Павлович.
Схема сертификации: 3С

ДОПОЛНИТЕЛЬНАЯ ИНФОРМАЦИЯ: Технические решения ТР 001/2022 «Устройства порохового пожаротушения автомобильные «СФЕРА», «ТАБ», «КУПОЛ» по ТУ 28.28.22.03-9848463-2022 (заявка 4).
Условия в сроки хранения, срок службы (гарантия) указаны в сопроводительной документации.
Сертификат действителен на территории, определенной документом.
Срок действия с: 21.12.2023 по: 20.12.2028

ВКЛЮЧИТЕЛЬНО

Руководитель (подпись/подпись) _____
лицо, ответственное за сертификацию
Подпись (подпись/подпись) _____
(подпись/подпись/подпись)

М.П. М.П.
Михаил Еленка Николаевна
Владим Сергеевич Владимирович

Made in Russia

Voluntary certification system **Made in Russia** registered in the United Ministry of Light Industry certification system for products made in Russia from October 2019.
Центр добровольной сертификации «Мейд ин Руссия» зарегистрирован в Едином государственном реестре систем добровольной сертификации с 24 мая 2019 г.

CERTIFICATE OF CONFORMITY
СЕРТИФИКАТ СООТВЕТСТВИЯ

№ СС.008644
Valid from 02.12.2024 to 01.12.2025
Срок действия с 02.12.2024 по 01.12.2025

Applicant / Manufacturer: IN IFR GROUP LLC, 633048, Kirov region, town of Kirovo-Cheporev, Prolomobolovnaya st. 6 / STRADA LLC 633048, Kirov region, town of Kirovo-Cheporev, Prolomobolovnaya st. 6
Заявитель / Изготовитель: ООО «ИНТЕР ГРУПП», 63048, Вологодская область, г. Кирово-Чепецк, Пролетарская улица, д.6 / ООО «СТРАДА» 633048, Кировская область, г. Кирово-Чепецк, Пролетарская улица, д.6

Product: Automatic powder fire extinguishing device FINFIRE (VES Code 8424 10 00 0)
Продукт: Автоматическое устройство порохового пожаротушения FINFIRE (VES Code 8424 10 00 0)

Complies with the voluntary certification system "Made in Russia" requirements.
Соответствует требованиям Системы добровольной сертификации «Сделано в России»

The certificate was issued in the direction of "Uniqueness" of the voluntary certification system "Made in Russia". It is based on the code of safety certificate No. 184847 dated 12.11.2016, issued by the Federal Service for Intellectual Property.
Сертификат выдан по направлению "Уникальность" системы добровольной сертификации "Сделано в России". Основание выдачи - патент на полезную модель № 184847 от 12.11.2016, выданный Федеральным службой по интеллектуальной собственности.

Made in Russia Kirov Region Export Center JSC
Kirovo-Cheporev, Prolomobolovnaya st. 6
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Kirovskiy region, Kirovo-Cheporev, Prolomobolovnaya st. 6, floor 6, room 100
Kirovskiy region, Kirovo-Cheporev, Prolomobolovnaya st. 6, floor 6, room 100

Выдано в России
Выдан: _____
M.П. М.П.
M.П.

A.V. Galanov
A.S. Gerasimov 1007

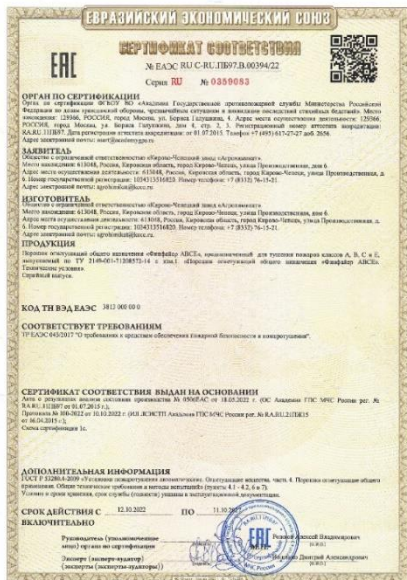
“FINFIRE "SPHERE", "TAB", "KUPOL" certified by The Federal State Budgetary Institution "The Research Institute of Fire Protection of All-Russian Order "Badge of Honor" of the EMERCOM of Russia".

Devices FINFIRE have the certificate "Made in Russia".

■ Certified Fire Extinguishing Powder



International certificate, Germany



Certificate of Conformity
No. EAEC RU C- RU.ПБ97.И.00394/22

Fire extinguishing powder “FINFIRE ABCE” is a balanced composition of fire extinguishing and auxiliary components.

1. Extinguishing components:

- Lower the temperature at the source of ignition.
- Release fire-retardant inert substances.
- Chemically inhibit the combustion process.
- Isolate the source of fire from oxygen supply.
- Act as fire arresters by cutting the flame.

2. Additives help to reduce absorption and caking of fire extinguishing powder, increasing its service life and boosting its extinguishing properties.

■ No Analogues

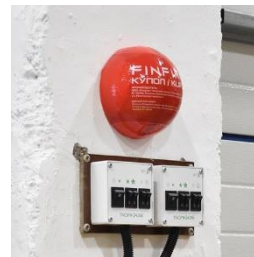


“FINFIRE "TAB" and "KUPOL" have no analogues.

There is our own development: R&D specialists of the plant.

A special feature of the devices is their unique mounting method - this is a specialized heat-resistant tape located on the back side, with the help of which the devices can be attached to any flat surface.

The compact design allows to install them in the most hard-to-reach places.



■ Patent



All devices “FINFIRE” are patented.
Patent for utility model №184841.

Our Partners



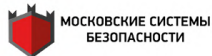
FERRERO
ROCHER



KERAMA MARAZZI



DOORHAN®



СИБУР



■ Technical Characteristics

Параметры	FINFIRE "SPHERE"	FINFIRE "TAB"	FINFIRE "KUPOL"
Quick action time	up to 10 sec.	up to 10 sec.	up to 10 sec.
Protected volume	up to 5 m ³	up to 5 m ³	up to 5 m ³
Dimensions (LxWxH)	150x150x150 mm ± 2%	150x150x50 mm ± 2%	150x150x80 mm ± 2%
Weight of the device	1400 g ± 10 g	560 g ± 7 g	660 g ± 7 g
Extinguishing powder weight	1340 g ± 10 g	500 g ± 7 g	600 g ± 7 g
Working temperature range*	from -50°C to +60°C	from -50°C to +60°C	from -50°C to +60°C
Activation sound	no more than 118 dB	no more than 118 dB	no more than 118 dB
Operating mode	autonomous	autonomous	autonomous
Ecology	friendly	friendly	friendly
Service life	5 years	5 years	5 years

*In places where FINFIRE is stored and installed, air humidity should not exceed 80%

■ Equipment of the Devices



“FINFIRE "SPHERE" is supplied in individual packaging with a universal mount.

Equipment:

- The autonomous fire extinguishing device “FINFIRE "SPHERE" 1 pc.
- Bracket (multipurpose fastener) 1 pc.
- Datasheet/manual 1 pc.
- Set of hardware for mounting the device 1 pc.
- Packing (box) 1 pc.



The “FINFIRE “SPHERE” with an **additional mount** is supplied individually packaged with a universal mount (bracket) and an eye bolt for hanging.

Equipment:

- The autonomous fire extinguishing device “FINFIRE "SPHERE" 1 pc.
- Universal mount (bracket) 1 pc.
- A set of hardware for mounting 1 pc.
- Additional fastening (eye bolt) 1 pc.
- Passport and instruction manual 1 pc.
- Packing (box) 1 pc.



“FINFIRE "TAB" is supplied in individual packaging with fastening using specialized double-sided tape.

Equipment:

- The autonomous fire extinguishing device FINFIRE “TAB” 1 pc.
- Double-sided adhesive tape / 1 pcs
- Datasheet/manual 1 pc.
- Packing (box) 1 pc.



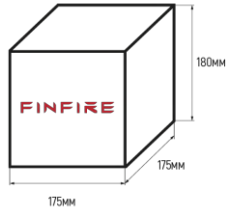
“FINFIRE “KUPOL” is supplied in individual packaging with fastening using specialized double-sided tape.

Equipment:

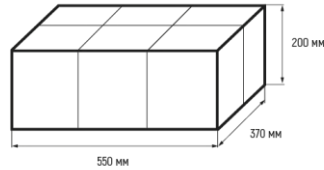
- The autonomous fire extinguishing device FINFIRE “KUPOL” 1 pc.
- Double-sided adhesive tape / 1 pcs
- Datasheet/manual 1 pc.
- Packing (box) 1 pc.

■ Package dimensions

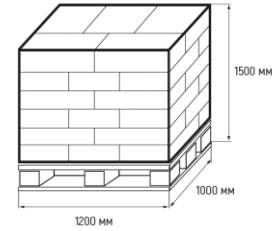
FINFIRE "SPHERA"



Individual packaging
Package size: **175 x 175 x 180 mm**
Gross weight: **1,75 kg**

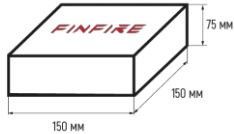


Set packaging: **6 pcs**
Package size: **542 x 362 x 193 mm**
Gross weight: **10,6 kg**

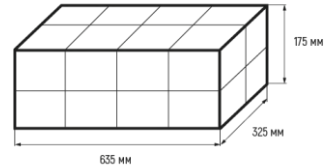


Pallet: **210 pcs (35 boxes)**
Pallet size: **1200 x 1000 x 1500 mm**
Gross weight: **370 kg**

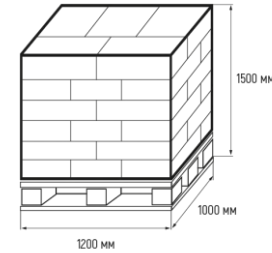
FINFIRE "TAB"



Individual packaging
Package size: **150 x 150 x 75 mm**
Gross weight: **0,65 kg**

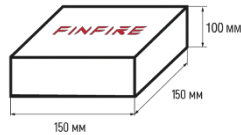


Set packaging: **16 pcs**
Package size: **630 x 320 x 165 mm**
Gross weight: **10,5 kg**

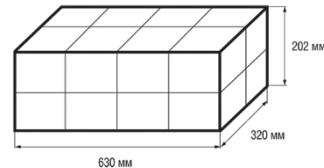


Pallet: **448 pcs (28 boxes)**
Pallet size: **1200 x 1000 x 1500 mm**
Gross weight: **295 kg**

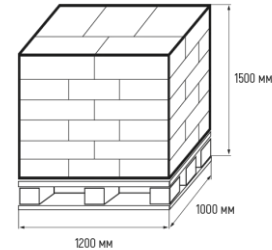
FINFIRE "KUPOL"



Individual packaging
Package size: **150 x 150 x 100 mm**
Gross weight: **0,75 kg**



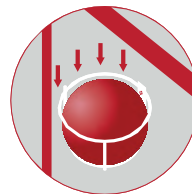
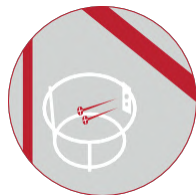
Set packaging: **16 pcs**
Package size: **630 x 320 x 202 mm**
Gross weight: **12 kg**



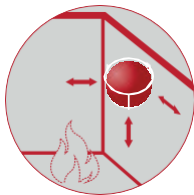
Pallet: **448 pcs (28 boxes)**
Pallet size: **1200 x 1000 x 1500 mm**
Gross weight: **336 kg**

■ “FINFIRE "SPHERE". Instruction

Automatic mode:



To install the device, place the fastener so as the larger circle diameter faces up and fix the bracket using self-tapping screws and dowels. Or use a universal mount as a stand, which is located with a large diameter upwards.



1. Place the device at a distance of up to 30 cm from the top or side above the place of high risk of fire.



2. Secure the device with a universal mount. Make sure that the arrow on the device is pointing down.



3. Upon contact with fire, the device automatically activates with a warning pop and sprays fire extinguishing powder onto the source of the fire.

■ “FINFIRE "SPHERE". Instruction

Installation on an additional mount (eye bolt):



An eye bolt for hanging is included in the “FINFIRE "SPHERES" package with an additional mount. For placement, it is necessary to tighten the eye bolt on top of the device into a special socket with an internal thread.

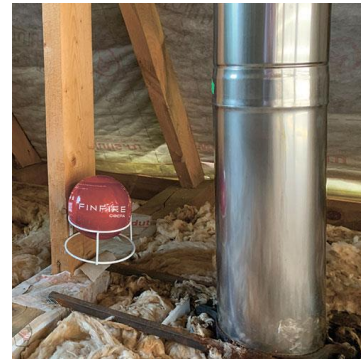


1. Hang the device using an eye bolt and place it at a distance of up to 30 cm from above or to the side above the place of increased risk of fire.



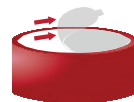
2. Upon contact with fire, the device activates itself with a warning pop and sprays fire extinguishing powder onto the ignition source.

■ “FINFIRE "SPHERE" Installation

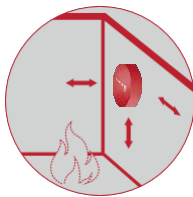


■ “FINFIRE "TAB". Instruction

Automatic mode:



From the back of the device, it is necessary to peel off the protective film of double-sided tape and attach it to the object of protection with it.



1. Place the device at a distance of up to 30 cm from the top or side above the place of high risk of fire.



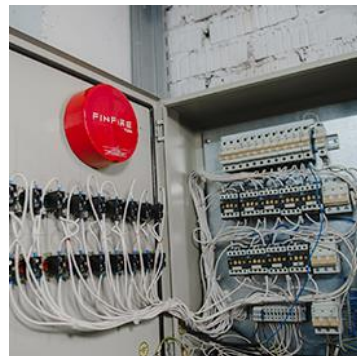
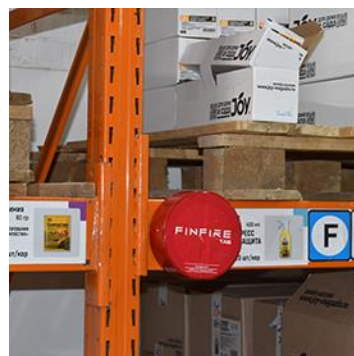
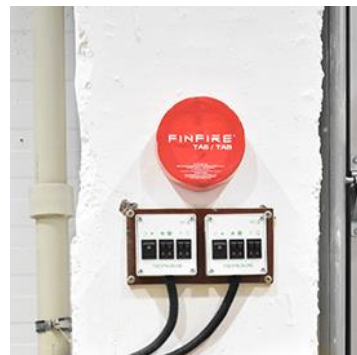
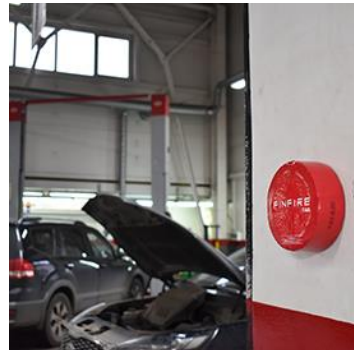
2. Secure the device with a double-sided adhesive tape on a flat and dry surface.



3. Upon contact with fire, the device automatically activates with a warning pop and sprays fire extinguishing powder onto the source of the fire.



■ “FINFIRE "TAB" Installation



■ “FINFIRE "KUPOL"”. Instruction

Automatic mode:



From the back of the device, it is necessary to peel off the protective film of double-sided tape and attach it to the object of protection with it.



1. Place the device at a distance of up to 30 cm from the top or side above the place of high risk of fire.

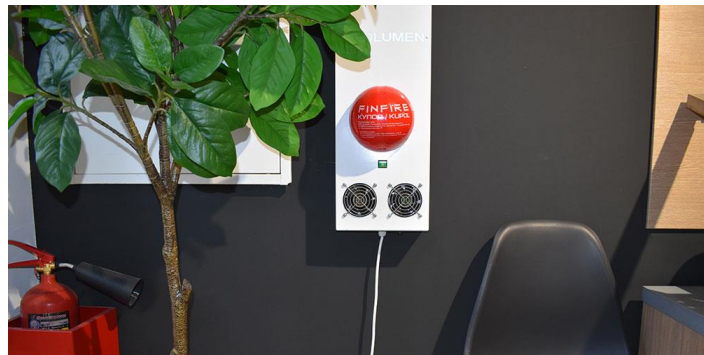
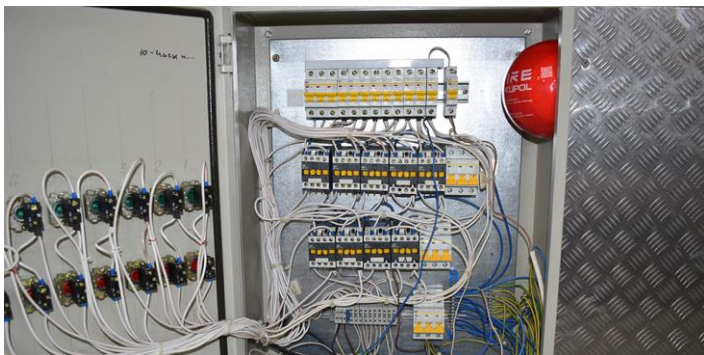


2. Secure the device with a double-sided adhesive tape on a flat and dry surface.



3. Upon contact with fire, the device automatically activates with a warning pop and sprays fire extinguishing powder onto the source of the fire.

■ FINFIRE "KUPOL" Installation



■ Participants of International Forums and Business Missions



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