



FIRETRACE[®]
AUTOMATIC FIRE SUPPRESSION SYSTEMS

360 PSI / 25 BAR ENGINEERED SYSTEMS

Using Novec[™] 1230 or FM-200[®] agent



Flammable Materials



Transportation



Wind Energy



Mining



Airports

FIRETRACE ENGINEERED FIRE SUPPRESSION SYSTEMS

Firetrace International, the world leader in special hazard fire suppression, now offers a full range of engineered fire suppression systems developed to complement the Firetrace line of in-cabinet fire suppression systems.

Firetrace Engineered clean agent systems are available in fill volumes ranging from 8 to 1300 lbs. (4 to 590 kg) that can be combined to create fire suppression systems sized appropriately for any enclosure. Firetrace Engineered systems can be activated either manually or automatically using mechanical, pneumatic or electrical activation.

For reliable fire protection, be sure to install only genuine firetrace systems.

APPLICATIONS:

- ✦ Computer Facilities
- ✦ Telephone Equipment Facilities
- ✦ Radio and TV Communications Facilities
- ✦ Cellular Telecommunications Facilities
- ✦ Storage of Documents and other Valuables
- ✦ Hospital Facilities
- ✦ Control Rooms
- ✦ Libraries
- ✦ Test Facilities
- ✦ Museums
- ✦ Flammable Material Storage
- ✦ Wind Turbines

SYSTEM SIZES

Firetrace clean agent system cylinders are available in eight capacities. Each of these cylinders can be under-filled in one-half kilogram/one pound increments to meet the exact amount of Novec™ 1230 or FM-200® required.

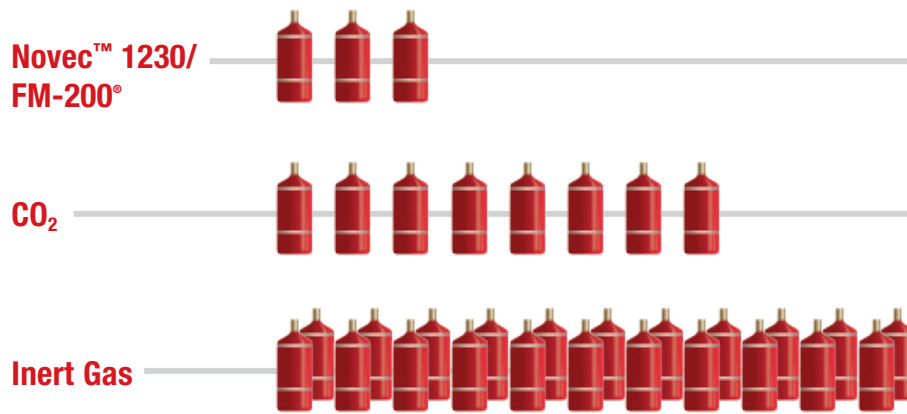
Nozzles are available in various discharge patterns for pipe sizes ranging from ½ inch to 2½ inch.

QUALITY YOU CAN COUNT ON

Firetrace Engineered clean agent systems carry UL Listings and are manufactured in an AS9100C/ISO 9001:2008-certified facility. Firetrace is dedicated to delivering product that precisely meets or exceeds our customers' delivery requirements, so you can meet your deadlines.

Clean Agent Decision Criteria	Novec™ 1230 / FM-200®
Clean	✓
Effective	✓
Fast Acting	✓
Broad Spectrum Fire Effectiveness	✓
Safe for People	✓
Safe for the Planet	✓
Safe for Equipment	✓
Economical	✓
Space Efficient	✓
Ability to Retrofit Halon Systems	✓
Commercially Available	✓
Long-term Sustainability	✓

RELATIVE SYSTEM CYLINDER/SPACE REQUIREMENTS



NOVEC™ 1230 CYLINDER FILL RANGE

Base Cyl	Nominal Cylinder Size	Max. Fill	Min. Fill
15L	35lb (16kg)	38lb (17kg)	8lb (4kg)
29L	75lb (34kg)	76lb (35kg)	16lb (7kg)
62L	160lb (72kg)	164lb (74kg)	33lb (15kg)
103L	270lb (122kg)	271lb (123kg)	55lb (25kg)
153L	400lb (181kg)	406lb (184kg)	82lb (37kg)
227L	600lb (272kg)	601lb (273kg)	121lb (55kg)
368L	950lb (430kg)	950lb (431kg)	196lb (89kg)
490L	1300lb (590kg)	1297lb (588kg)	260lb (118kg)

FM-200 CYLINDER FILL RANGE

Base Cyl	Nominal Cylinder Size	Max. Fill	Min. Fill
FTF 35	35lb (16kg)	35lb (16kg)	16lb (7kg)
FTF 70	70lb (32kg)	71lb (32kg)	31lb (14kg)
FTF 150	150lb (68kg)	152lb (69kg)	66lb (30kg)
FTF 250	250lb (113kg)	253lb (115kg)	109lb (49kg)
FTF 375	375lb (170kg)	379lb (172kg)	163lb (74kg)
FTF 560	560lb (254kg)	561lb (254kg)	241lb (109kg)
FTF 900	900lb (408kg)	915lb (415kg)	393lb (178kg)
FTF 1200	1211lb (549kg)	1211lb (549kg)	519lb (235kg)

System temperature limits are 0° F (-17.8° C) to 130° F (54.4° C) and system operating pressure is 360 psi (25.3 bar) at 70° F (21.1° C). The cylinders are UL Listed and are manufactured, tested and stamped in accordance with DOT 4BW500 or DOT 4BA500.

Refineries



Telecommunications



Computer Servers



FIRETRACE®

AUTOMATIC FIRE SUPPRESSION SYSTEMS

Our worldwide network of over 300 authorized Firetrace distributors provides hazard analysis, quotations, installations, service and support on Firetrace systems, to reliably and effectively protect your assets.

Firetrace International systems are currently safeguarding over 250,000 pieces of equipment world-wide, including:

- ✦ Electrical control panels
- ✦ Laboratory fume/exhaust cabinets
- ✦ EDM & CNC machining centers
- ✦ UPS units
- ✦ Computer/data storage cabinets
- ✦ Wind energy turbines
- ✦ Transformer cabinets
- ✦ Flammable chemicals storage cabinets
- ✦ Generator enclosures
- ✦ Mass transit and specialty vehicles
- ✦ Vending machines
- ✦ Book, bank and video depositories

Firetrace also offers smaller pneumatically operated systems that perfectly complement our line of engineered systems. These smaller systems can be used in elevated risk areas to control a small fire, preventing the activation of the engineered system – and the release of large amounts of expensive suppression agent.



Firetrace currently has more than 20 international approvals and listings, including: UL, CE, FM, ULC & ISO9001. Approvals and listings vary by system type and agent.

Firetrace is available exclusively through our worldwide distributors, each of which has been properly trained in the installation and maintenance of Firetrace systems. To locate the Firetrace distributor nearest you please contact us at:

World Headquarters

Firetrace International

15690 N. 83rd Way, Suite B
Scottsdale, AZ 85260 USA

1-866-607-1218 (US and Canada)

1-480-607-1218 (Elsewhere)

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