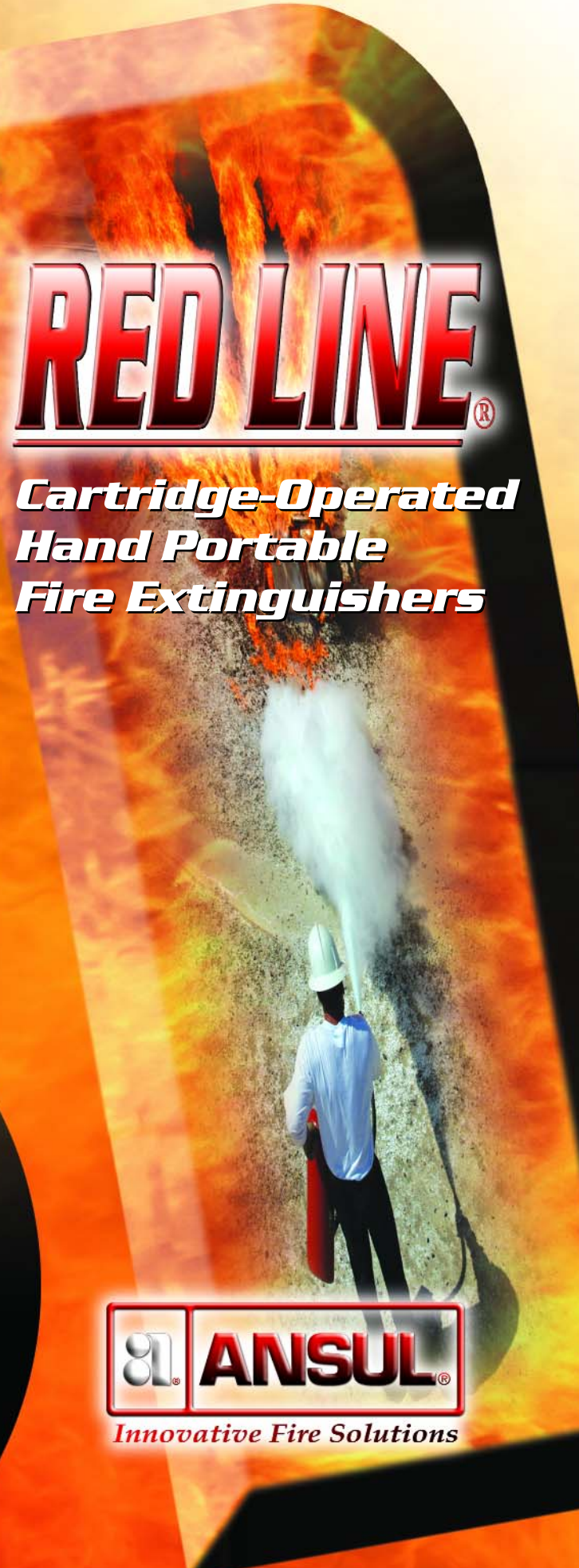




RED LINE[®]

***Cartridge-Operated
Hand Portable
Fire Extinguishers***



Innovative Fire Solutions


RED LINE®
- Tougher than all the rest.

People in industries where there are frequent fires set tough standards for fire protection equipment. They demand rugged extinguishers that can take rough treatment and still perform reliably – day after day, year after year. They expect the equipment to provide value – both when they buy it and when it comes time to service it.

The name professionals look for is Ansul. And the equipment brand they prefer is RED LINE. Why? Simply because Ansul equipment is designed to help save lives, protect property and ensure business continuity. In addition, authorized Ansul distributors can service the entire range of RED LINE hand portable products.

RED LINE®
- Designed to handle both use and abuse.

Check out the quality construction of the RED LINE extinguisher.

- 
- 1 **NOZZLE** features stainless steel moving parts for proper operation in all types of environments.
 - 2 Forged aluminum **FILL CAP** is designed to withstand rough treatment, prevent damage to collar threads and ensure a tight seal. The **FILL CAP INDICATOR** allows you to tell, at-a-glance, if the extinguisher has been used or tampered with.
 - 3 **CARRYING HANDLE** is shaped to fit the hand for comfort and non-slip holding. The 45-degree carrying angle helps to eliminate dragging and provides extra clearance when carrying the unit up or down stairs.
 - 4 Rugged, aluminum, glare-resistant **NAMEPLATES** furnish the operator with vital information (operating instructions, agent identification, typical hazards) on the front and after-use plus maintenance instructions on the back. Visual **PICTOGRAMS** give step-by-step instructions to assist the firefighters.

- 5 Tough, carbon steel **SHELL** resists impact, vibration and corrosion. Special polyester **POWDER PAINT** resists cracking and chipping and provides better corrosion resistance than conventional paints. Hydrostatically tested at three times the operating pressure of 200 psi [13.7 bar]. Designed to withstand a pressure of no less than six times the normal operating pressure.
- 6 **GAS TUBE** features rubber-sleeve check valves to provide proper "fluidization" of the dry chemical agent and pressurization of the extinguisher.
- 7 Long-lasting **HOSE** retains flexibility down to -40 °F (-40 °C). Aluminum alloy **HOSE COUPLINGS** are designed for strength and resistance to corrosion and cracking.
- 8 **HOSE RETAINER** helps to prevent accidental actuation. **PUNCTURE LEVER** has stainless steel moving parts for smooth, efficient pressurizing. **VISUAL SEAL** (not shown) is designed to indicate if extinguisher has been used or tampered with.
- 9 Factory-tested **PRESSURE CARTRIDGE** installed on the outside of the unit for easy removal and recharge.
- 10 **COMPOSITE CARTRIDGE GUARD** attaches with a spring clip and features a tamper-proof design with integral nozzle holster and hose retainer. **STEEL CARTRIDGE GUARD** available as a distributor-installed option on Models 20 and 30.

RED LINE - Built for real-world applications.

When selecting an extinguisher, don't rely solely on its fire rating. The UL rating system is based on extinguishing a fire in a square test pan - the larger the test pan, the higher the rating. In many cases, lowering the dry chemical discharge rate can actually increase the UL rating with extinguishers of the same capacity.

Most real-world Class B fires involve obstacles, flowing or pressurized fuel, or 3D configurations. Typically, these types of fires are more effectively extinguished with higher dry chemical discharge rates.

RED LINE extinguishers are engineered for real fires... not just higher ratings.



Model 5

The Model 5 has a slim design for use on vehicles and machinery where space is a problem. Typical applications include small trucks, buses, lift trucks, mining vehicles, boats, automobiles and production line machinery.

Model 10

The Model 10 is designed for high fire frequency areas where light or ordinary fire hazards exist. It is ideal for remote locations where smaller fires occur and on-the-spot recharging is necessary. Typical applications include trucks, production line machinery, paint lockers and mining equipment.



Model 20

Larger fires in high-risk areas require use of the Model 20. Typical applications include dip tanks, storage drums, oil pumping stations, turbines and compressors, quench tanks and large industrial applications.



Model 30

The Model 30 is recommended wherever large, intense fires often occur and maximum fire-killing power is needed. Typical applications include warehouses, paint-mixing areas, fuel loading racks, fuel storage locations and heavy construction sites.



RED LINE®

- Because you deserve the best protection.

It simply performs better.

We manufacture every RED LINE unit as if someone's life or business may depend on its performance. That's why we select only the finest materials then test and retest our designs under actual fire situations to assure every component is manufactured to the highest quality standards possible. The end result is equipment that performs better, lasts longer and costs less to own than any other brand.



The right fit for every application.

Some companies sell hardware. Ansul helps solve fire protection problems. That's a critical difference when you stop to consider that no two fire hazards are exactly the same.



Recharge on the spot.

RED LINE equipment is designed to be used often. So the ability to quickly recharge these units on location is a key feature. All it takes is a supply of Ansul recharge materials and a few hours of training from your nearby Ansul Distributor. The choice is yours – do it yourself, to or turn all the servicing over to your Authorized Ansul Distributor.



When seconds count.

RED LINE extinguishers are designed to give you the maximum agent flow to quickly extinguish most fires in the incipient stage.



Designed and built by Ansul.

Quite simply, this means that – like all equipment built by Ansul – RED LINE fire extinguishers are rugged, reliable, and built to last. Only the finest materials go into the manufacture of a RED LINE extinguisher. And only equipment that passes Ansul's rigid quality assurance tests ever make it out our doors and into the market.

RED LINE[®]

- Options that make sense.

Ansul offers a wide array of options to customize the extinguisher to meet your needs. For some users, these options have become the standard for RED LINE extinguishers.

OPTIONS:



Corrosion resistant (CR) models

- In addition to the standard surface preparation procedures, the steel parts are fused using a zinc rich bond.
- The top coat is a CR polyester paint applied as a powder and oven cured. The dry film is continuous and is a minimum thickness of 1.5 mils.
- The hose couplings, fill cap, carrying handle, nozzle body, nozzle lever, nozzle tip and cartridge receiver push lever are black anodized for added corrosion resistance.
- The cartridge receiver body is painted with an epoxy paint for added protection in corrosive environments.



Ring Pin (RP) Models

- The ring pin, when inserted in the cartridge receiver, provides secondary protection against accidental actuation of the unit when the hose is not in place.



High Flow (HF) Models

- Extinguisher is equipped with a special nozzle to maximize agent flow rates. High flow extinguishers have been designed for pressurized flammable liquids and pressurized gas fires and other special hazards where agent flow rate is crucial to extinguishment. (Reference NFPA 10, Section 2-3.1 and 2-3.3)



Low Temperature (LT) Models

- The LT model is equipped with a nitrogen cartridge, cartridge receiver and hose that are listed and approved for operation in environments with temperatures as low as -65 °F (-54 °C).

AGENTS:

FORAY[®]

– a monammonium phosphate-based dry chemical for use on Class A, B and C fires.



PLUS-FIFTY[®] C

– a sodium bicarbonate-based dry chemical for use on Class B and C fires.



Purple-K

– a potassium-based dry chemical that is the most effective Ansul dry chemical agent for Class B and C fires.



MET-L-X[®]

– a sodium chloride-based dry powder for use on most Class D fires involving combustible metals such as magnesium.



MET-L-KYL[®]

– a sodium bicarbonate-based dry chemical specially designed for suppressing fires involving most metal alkyls (pyrophoric liquids that ignite on contact with air) such as triethylaluminum.



LITH-X[®]

– a graphite-based dry powder blended for use on lithium fires. LITH-X agent is also effective on fires involving high melting point metals such as zirconium, titanium and sodium potassium.





For More Information...

Effective fire protection depends on the best equipment and the right training. RED LINE extinguisher training is available at the world-class **ANSUL FIRE SCHOOL**.

Or ask about high-tech training with the **ANSUL FIRE SIMULATOR**.

SIMULATED FIRE TRAINING

Hands-On Instruction in the Comfort of YOUR Conference Room.

For **MORE** Information

ANSUL FIRE School
World-Class Training Since 1942

Call, Fax, Write or Visit Our Web Site

Ansul Fire School
One Stanton Street
Marinette, WI 54143-2542

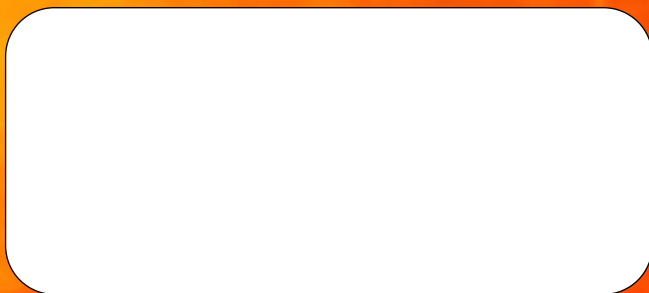
Phone: 800-322-8481 • 715-735-7411
Fax: 715-732-3619
www.ansul.com



For worldwide sales offices & manufacturing locations, visit:

www.ansul.com

Distributed by:



Contact your local Ansul Distributor...

Or call:

1-800-TO-ANSUL

(USA/CANADA)

1-715-735-7411

(International)

Fax: **1-715-732-3608**



Innovative Fire Solutions

ISO 9001 Registered

ANSUL, RED LINE, FORAY, PLUS-FIFTY C, MET-L-X, MET-L-KYL and LITH-X are trademarks of Ansul Incorporated or its affiliates.

Tyco Safety Products
One Stanton Street
Marinette, WI 54143-2542