

AFFF (Foam) Fire Suppression Systems

SPA FireSense-Response AFFF Fire Suppression Systems (FIA Approved)

FIRE SYSTEMS



What is AFFF ?

AFFF is short for Aqueous Film Forming Foam. AFFF uses no halogen or greenhouse gases, so it has zero ozone depletion potential. It is even biodegradable, so any spilled material will have negligible environmental impact. AFFF coats the area within the spray pattern to extinguish the fire and prevent reignition. It is non-corrosive and non-conductive, and cleans up easily by rinsing with water. **Pressurized AFFF fire systems must be inspected and serviced every two years.** We can provide this service. Please call or visit our website for full details.

We are proud to be an authorized refill center for SPA AFFF Fire Suppression Systems. Please visit our website for details.

NOTE: All pressurized fire bottles are classified as HAZARDOUS by the US Department of Transportation. A HAZARDOUS shipping charge will apply. Hazardous items can be shipped to U.S. customers only.

FIA and SFI certification both require pressurized fire bottles to be serviced by factory-trained personnel every two years. SCCA and other organizations that require certification also enforce the 2 year service rule. Bottles which are past their service date cannot be recertified.

SPA Design was one of the first manufacturers to earn FIA homologation on their fire systems back in 1998. Their latest systems are the culmination of those early systems plus 20 years of product improvement, including lessons learned during the development of fire suppression systems for industries outside of racing.



Above:
SPA 4.0L FireSense-Response Electrical System (aluminum bottle)
Part No. 2427-4.0-Elec/Alum



Below:
SPA 4.0L FireSense-Response Mechanical System (steel bottle)
Part No. 2427-4.0-Mech/Stl

The SPA FireSense-Response systems listed below are FIA Homologated (Homologation No. Ex.045.17) per FIA Technical List No. 16. They are SCCA legal in all cars regardless of the vehicle's racing class and registration date. Each complete system consists of a filled and fully charged AFFF cylinder, mounting brackets, four discharge nozzles, sixteen feet of Dekabon polyethylene-coated aluminum tubing, and three push-on tee connectors. Electrical Systems also include a power pack, two actuation switches, and electrical connectors. Mechanical Systems also include one 6 foot and one 12 foot actuating cable and hardware.

***See note concerning shipment of hazardous materials.**

SPA 4.0L Electrical System, Aluminum Bottle . . . Part No. 2427-4.0-Elec/Alum . . . \$979.00
Measures 6" diameter x 12.8" long (14.9" including firing head). Weighs 11.2 pounds.

SPA 4.0L Mechanical System, Steel Bottle Part No. 2427-4.0-Mech/Stl \$410.00
Measures 5.9" diameter x 13.8" long (17" long including actuating handles). Weighs 15 pounds.

Our website lists several more SPA fire suppression systems which are not FIA Homologated. Non-FIA systems can be a great choice when a fire system is not mandatory.

Billet Bottle and Bar Mounts



Above: Bottle Mount
Part No. 2035-300-Size

Below: Bar Mount
Part No. 2035-306-Size



These mounts are machined from 1/2" thick billet aluminum. Bolt them to a flat surface, or add the optional Bar Mounts (sold separately) to mount to rollcage tubing. Sold individually.

Note: These mounts have no adjustment. The bottle mounts fit the diameter listed +/- 1/8" only.

Bottle Mount for 4" Bottle Part No. 2035-300-4.00 \$61.99
Fits 5 pound FireBottle and Phoenix fire bottles

Bottle Mount for 5 1/4" Bottle Part No. 2035-300-5.25 \$51.99
Fits 10 pound FireBottle and Phoenix fire bottles.

Bottle Mount for 6.2" Bottle Part No. 2035-300-6.20 \$76.99
Fits 4.0L SPA Aluminum fire bottles (not steel bottles)

Bar Mount for 3/4" Tubing Part No. 2035-306-.75 \$36.99

Bar Mount for 1" Tubing Part No. 2035-306-1.00 \$36.99

Bar Mount for 1 1/4" Tubing Part No. 2035-306-1.250 \$36.99

Bar Mount for 1 3/8" Tubing Part No. 2035-306-1.375 \$36.99

Bar Mount for 1 1/2" Tubing Part No. 2035-306-1.50 \$36.99

Bar Mount for 1 5/8" Tubing Part No. 2035-306-1.625 \$36.99

Bar Mount for 1 3/4" Tubing Part No. 2035-306-1.750 \$36.99

Bar Mount for 2" Tubing Part No. 2035-306-2.00 \$36.99

Safety Pin Streamers



A reminder flag is recommended by SCCA for marking fire bottle safety pins. They are great for marking anything that you need to remove before a race. They even make great key rings. Our bright red woven nylon flags have "REMOVE BEFORE FLIGHT" or "REMOVE BEFORE RACE" in bold white letters. Each includes a split ring for fastening.

Remove Before Flight Streamer, 8" x 1"
Part No. 1100-RBF08 \$6.99

Remove Before Race Streamer, 6" x 1.25"
Part No. 1100-RBR \$3.99

Firecharger AFFF Fire Suppression Systems



Firecharger AFFF Fire Suppression Systems are fully approved by many sanctioning bodies and are approved in SCCA for cars registered prior to 01/01/2009. They are the **only** systems available that **you** can refill at the track! Pressure is held in an external CO₂ cartridge. One pull of the cable and the CO₂ pressurizes and aerates the AFFF, totally discharging the unit. Firecharger systems include the cylinder with actuator, CO₂ cartridge, mounting bracket, 8 foot actuating cable, 8 feet of aluminum tubing, and two discharge nozzles.

Firecharger 2.3L AFFF System* Part No. 2018 \$349.99
2.3L system includes 2 nozzles. (System can support up to 3 nozzles.) Total weight filled: 7.38 lbs. Measures 14.5" Long x 4.25" OD x 6" High.

Recharge Kits contain everything you need to completely refill/recharge your 2.3 liter Firecharger system. Includes 1 "non-fragmenting" rupture disc, 1 new CO₂ cartridge, and 1 bottle of AFFF solution. One kit is for one refill only, so stock up.

2.3L Firecharger Recharge Kit* Part No. 2025-2.3 \$52.99

Replacement CO₂ Cartridge only* Part No. 2015 \$29.99

*** These items are hazardous only when shipped by air.**

See note above concerning shipment of hazardous materials.

Note: Firecharger systems **do not** incur a hazardous material shipping charge when shipped by ground transportation!