

AFFF (Foam) Fire Suppression Systems



What is AFFF ?

AFFF is short for Aqueous Film Forming Foam. AFFF coats the area within the spray pattern to extinguish the fire and prevent reignition. Non-corrosive and non-conductive, AFFF cleans up easily by rinsing with plain water. 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.

SPA Fire Suppression Systems

Each complete system contains:

1. Fully charged AFFF Cylinder.
2. A mounting bracket.
3. Two nozzles.
4. Thirteen feet of polyethylene-coated aluminum tubing.
5. A push-on tee connector.

Electrical Systems also include:

Power pack, switch, electric connector.

Mechanical Systems also include:

One 6 foot and one 12 foot actuating cable and hardware.

We are proud to be an authorized refill center for both SPA Design and OMP AFFF Fire Systems. Please call for details.

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 on the market today that **you** can refill and recharge at the track! The patented design uses an external CO₂ cartridge to charge a totally filled AFFF cylinder. One pull of the cable and the CO₂ pressurizes and aerates the AFFF, allowing a complete and total discharge of the unit. Firecharger systems include the cylinder with actuator, CO₂ cartridge, mounting bracket, 6 foot actuating cable, 8 feet of aluminum tubing, and two discharge nozzles.

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



Firecharger 2.3L AFFF System Part No. 2018

Firecharger 2.3L AFFF System * Part No. 2018 \$299.99
2.3L system includes 2 nozzles. (System can support up to 3 nozzles.) Total weight filled: 7.38 lbs. Measures 13.25 x 4.25 x 5.5 inches high.

Recharge Kits contain everything you need to completely refill/recharge your 2.3 and 4.6 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
4.6L Firecharger Recharge Kit * Part No. 2025-4.6 \$56.99

Note: The 4.6L Firecharger system is no longer available new.

*** These items are hazardous only when shipped by air.**
See note above concerning shipment of hazardous materials.

Replacement Nozzle with 4AN male fitting Part No. 2029 \$9.99
6 foot Actuator Cable Part No. 2028 \$39.99
1/4 inch Aluminum Tubing, 8 foot coil Part No. 2078-08 \$9.99
4AN Aluminum Tee Fitting Part No. 3228-04 Alum \$9.99
4AN Tube Nut (3 required for above tee) Part No. 3235-04-Alum \$1.49
4AN Tube Sleeve (3 required for above tee) Part No. 3236-04-Alum 99¢
See pages 79 to 82 for more 4AN plumbing fittings such as bulkhead adapters.

SPA Design AFFF Fire Systems and Spare Bottles

Actuation Method	Size (liters)	Bottle Type	Dimensions (inches)		Complete System		Spare Bottle Only	
			Diameter	Length	Part No.	Price	Part No.	Price
Electric	2.25	Compact	6.32"	10.2"	2436-2.25-Elec	\$540.00	2431-2.25-Elec	\$385.00
Electric	2.25	Slim Line	5.13"	12.3"	2437-2.25-Elec	\$540.00	2429-2.25-Elec	\$385.00
Electric	3.375	FIA Compact	6.32"	13.1"	2436-3.375-Elec *	\$650.00	2431-3.375-Elec	\$435.00
Electric	4	FIA Aluminum	6.32"	13.1"	2426-4.0-Elec *	\$699.00	2431-4.0-Elec	\$435.00
Mechanical	2.25	Compact	6.32"	12.4"	2436-2.25-Mech	\$389.00	2431-2.25-Mech	\$280.00
Mechanical	2.25	Slim Line	5.13"	14.6"	2437-2.25-Mech	\$389.00	2429-2.25-Mech	\$280.00
Mechanical	3.375	Compact	6.32"	15"	2436-3.375-Mech	\$485.00	2431-3.375-Mech	\$329.99
Mechanical	4	FIA Steel	6.32"	15"	2426-4.0-Mech *	\$325.00	2431-4.0-Mech	\$259.99

* These three SPA systems are **FIA Homologated** (Homologation No. Ex.003.98) per FIA Technical List No. 16. They are SCCA legal in all cars regardless of the vehicle's registration date.

Replacement Parts for SPA Fire Systems

Decarbon Tubing for all SPA Systems, per foot Part No. 2455 ... \$4.19 per foot
AFFF Nozzle (do not use for Halon) Part No. 2452 \$29.99
T-piece connector for all SPA Systems Part No. 2448 \$7.29
Bulkhead fitting for all SPA Systems Part No. 2449 \$11.99
6' Pull Cable for Mechanical Systems Part No. 2450-6 \$23.99
12' Pull Cable for Mechanical Systems Part No. 2450-12 \$29.99
Cockpit Actuating Switch for Electric Systems Part No. 2444 \$14.99
External Actuating Switch for Electric Systems Part No. 2445 \$31.99
DIN Plug and Lead * Part No. 2441-DIN \$31.99
Hirose Connector and lead * Part No. 2441-Hirose... \$39.99
Hirschman Plug and Lead * Part No. 2441-HMAN... \$24.99
Power Pack-DIN connector * Part No. 2442-DIN \$89.99
Power Pack-Hirose connector * Part No. 2442-Hirose... \$119.99
Power Pack-Hirschman connector * Part No. 2442-HMAN... \$89.99

* **Note:** The DIN connector is about 1/2" diameter and has 3 pins.
The Hirose plug is about 3/8" diameter and has 4 pins.
The Hirschman plug (current SPA style) is about 1/4" diameter and has 3 pins.

Please visit our website for more replacement parts for SPA Design fire suppression systems!



3.375 Liter AFFF Mechanical System Part No. 2436-3.375-MECH

NOTE: All pressurized fire bottles are considered **HAZARDOUS** by UPS and other shippers. A **HAZARDOUS** shipping charge will apply. Hazardous items can be shipped to U.S. customers only.

OMP AFFF Fire Systems (FIA Approved)

OMP Fire Systems are FIA Homologated (Ex.008.00 or 009.00) per FIA Technical List No. 16 and are standard equipment on Ferrari Challenge cars. Ozone-friendly OMP Ecolife film forming foam is non-corrosive, non-conductive, and rises away with water. All OMP fire systems come complete with mounting brackets and 4 meters (13 feet) of aluminum tubing. 4.25 liter systems include 6 nozzles; 2.8 liter systems include 5 nozzles. Electrical systems include power pack, wiring harness, and extra activation button; mechanical systems include 2 pull cables.

Please see our website for even more OMP Fire Systems and replacement parts!

OMP 4.25L AFFF Side Valve Electrical System
Part No. 2465-001 \$890.00
Shown at left. Suitable for all sedan classes and 2-seat sports racers. Polished aluminum bottle has the actuating head on the side to minimize its footprint in the car. Measures 13" long x 6.32" diameter (9" overall including actuating head).



OMP 2.8L AFFF Side Valve Electrical System
Part No. 2465-002 \$760.00
Shown at right. Fits sedans, formula cars and sports racers. Polished aluminum bottle has the actuating head on the side to minimize its footprint in the car. Measures 9.45" long x 6.32" diameter (8" overall including actuating head).



OMP 2.8L AFFF End Valve Electrical System
Part No. 2465-003 \$760.00
Shown at left. Fits sedans, formula cars and sports racers. Polished aluminum bottle measures 6.3" diameter x 11" long including actuating head.



OMP 4.25L Mechanical System, Steel Bottle
Part No. 2465-004 \$510.00
Shown at right. Economical system suitable for all sedan classes. Red steel bottle measures 6.3" diameter x 16.33" long including actuating handles.

