

Hand Portable Synthetic Fluorine-Free Foam Fire Extinguisher Specification Sheet

Model:	P2.5SFFF	Fire Rating:	2A:10B
Part Number:	10-30194	Height:	24.5 inches
Extinguisher Type:	Rechargeable Stored Pressure	Depth:	7.1 inches
Agent Capacity:	2.5 Gallon SFFF Foam	Width:	8.50 inches
Agent Flow Rate:	0.35 lbs/sec	Charged Weight:	28.5 pounds
Discharge Duration:	62 seconds	Effective Range:	10 to 25 feet
Operating Temperature:	+35°F (+1.6°C) to +120°F (+48.8°C)	Marine Bracket(s):	81-681 or 81-682
Operating Pressure:	100 psi	USCG Class:	Type-A, Size II Type-B, Size II

Testing/Approvals: **UL** (UL-8/UL-711) **ULC** (S-554/S-508) **Meets NFPA-10 and DOT/TC**
USCG (162.028) **Government** (Mil-DTL-24652A (SH))
Non-Magnetic (Mil-E-24091C) **Shock & Vibe** (Mil 167-1A and 901E)

Industry's First and Only UL-Listed Synthetic Fluorine-Free Foam (SFFF) Fire Extinguisher

Model features an earth-friendly foam agent containing no PFAS material additives. This new proprietary SFFF pre-mix solution additionally has an extended 5-year life cycle that coincides with foam extinguisher cylinder hydro test interval required by code – further reducing maintenance costs.

Special Product Features:

- Full stainless steel cylinder is externally finished with a USCG approved high quality UV-resistant red coating
- Heavy duty nickel plated brass valve with pressure gauge guard and integrated wall hanger loop
- Stainless steel handle/lever with large diameter stainless steel pull pin
- Welded stainless steel siphon tube and bottom filter screen
- Anodized machined aluminum air aspirated nozzle tip and discharge barrel resists corrosion, damage, and extends field service life
- Constructed to help minimize the magnetic hardware properties necessary for meeting special military application needs and objectives

Performance:

Specifically designed to deliver an effective 10 to 25 foot foam discharge range, providing novice operators and emergency responders with added protection and safety margins to address most class "A" and "B" fire hazards. Foam models have the ability to not only extinguish class "B" flammable liquid fires, but also cool and help suppress combustible vapors from a spill with an environmentally-friendly and PFAS-free solution.

Ideally suited for use on emergency response vehicles, aircraft, and maritime vessels passing advanced military shock and vibration exposure tests. Models have passed salt spray testing exposures of 3,000 hours, far exceeding the 1,000 hour industry requirement necessary for marine approvals.



Cylinders: Models feature high quality, heavy duty stainless steel cylinders with one piece construction. Cylinder design features an internal threaded collar for ease of recharge and service. Exterior stainless steel cylinder surface has a UV-resistant red coating for extended corrosion resistance and USCG approval.

Discharge Valve Assembly: Heavy duty forged brass valve assemblies are externally plated to specifically address the most abusive industrial and environmental exposures. Valves feature external collar threads, a heavy duty protective pressure gauge guard, and integrated wall hanger loop for added strength and durability in the field. All attached hardware including operating lever, carry handle, and rivets are made from strong corrosion resistant stainless steel. Stainless steel valve stem shafts are machined to tight tolerances and feature specially designed elastomer seals for extended life in harsh environments.

Pull Pin: Heavy duty 316 stainless steel pull pin features an extra thick .177 inch shaft diameter specifically designed prevent accidental damage, which could prevent extinguisher operation in emergency situations. Pull pins additionally feature an extra-large 1.5 inch inside diameter finger pull loop designed for utilization by operators and responders wearing thick protective firefighting gloves. Pull pins additionally incorporate flexible retention tethers to help prevent loss after removal.

Siphon Tube Assembly: Heavy duty metal 304 stainless steel threaded coupling, siphon tube, and bottom filter screen assembly are all permanently welded together to properly seal, function, and not break under the most severe vibration or impact exposure conditions.

Hose Retention Band: Heavy duty adjustable 316 stainless steel hose band and retainer specifically designed to not break, loosen, or deteriorate under severe environmental and industrial conditions.

Nameplate: Large color coded and easy-to-read one piece 6 inch by 12 inch tri-lingual (English, Spanish, and French) nameplates communicate all of the necessary extinguisher service and content related information. Operating instruction steps additionally feature illustrations to further help simplify and clarify proper use for novice operators. Nameplates are field replaceable and feature an adhesive heavy duty 3-mil Mylar material designed to address UV and other highly problematic environmental exposure conditions.

Air Aspirating Discharge Nozzle and Hose Assembly: Discharge hoses feature larger ½ inch inside diameters and longer total useful assembly lengths of 24 inches to provide operators the added flexibility necessary to properly address a much broader range of potential fire situations. A heavy duty stainless steel threaded hex hose coupling with crimped ferrules connects the durable machined aluminum air-aspirating nozzle tip and discharge barrel, which both feature black anodized finishes to ensure durability, corrosion resistance and extended field service life cycles in harsh environments.