



ADISAN

PRODUCT RANGE

AVM3 RCAF 150 L



SOVRAN 150 L



REGENT 100 L



REX 75 L



AVM3 RCAF



ADISAN SOVRAN



ADISAN REX

RCAF Series

Rapid, Reliable, Compact, Autonomous Fire Suppression

Product Range Overview

SPECIFICATIONS	SOVRAN	REGENT	REX
Capacity	150 Liters	100 Liters	75 Liters
Endurance	>400 sec	>300 sec	>200 sec
Throw Range	10–12 m	10–12 m	8–10 m
Operation Type	Reeled, mechanical	Reeled, mechanical	Reeled, mechanical
Propelling Agent	24 lit Nitrogen, 200 bar	24 lit Nitrogen, 200 bar	6.8 lit Nitrogen, 200 bar
Mobility	Skid / trolley mounted	Skid / trolley mounted	Skid / trolley mounted
Refill Time	<7 minutes	<5 minutes	<5 minutes
Foam Concentrate	FOAMER INDOPENE/UL 162/Mil Spec seawater compatible foam concentrate		
Applications	Marine, Defense, aviation, Oil & Gas, Coalfields and industrial usage		

Common Features

- Effective against Class A and Class B fires
- Completely Mechanical operation
 - ❖ Can be operated in total power failure scenario
 - ❖ Self-contained and pre-assembled plug-and-play use, Mechanical CAF System
 - ❖ No external power, HP/LP air or water source needed
 - ❖ Produces superior foam quality with longer retention and throw
- Uses Adisan FOAMER INDOPENE concentrate
- Developed under iDEX DISC 7 Challenge (Winner)
- Designed and manufactured in India

Applications

- Machinery Space, Decks – for Class A and Class B fires
- Industrial Workshops – machinery and maintenance bays
- Aircraft Hangars – aviation asset protection
- Energy Plants – transformer or turbine areas
- Rapid Response Units – mobile firefighting teams
- Oil & Gas, Coalfields and industrial usage

Relevant Standards / Certificates

The Reeled Compressed Air Foam Systems conform to relevant international and national standards for firefighting equipment, including:

- BS EN 1866-1:2007- Mobile fire extinguishers Characteristics, performance and test methods.
- American Bureau of Shipping- ABS Guidance Notes on Firefighting Systems
- Foam concentrate certified under the iDEX DISC 7 Challenge, recognized by the Ministry of Defence, GOI.

Advantages over Other Portable Extinguishers

- Superior foam throw and coverage compared to conventional extinguishers.
- Longer discharge duration ensuring sustained firefighting capability.
- Rapid knockdown of flames due to high-quality compressed air foam.
- Compact, reeled design allows quick deployment and ease of mobility.
- Completely mechanical system — requires no electrical power supply.
- Ideal for both Class A (solid combustibles) and Class B (flammable liquids) fires.