



YOUR ONBOARD
SAFE CHOICE

WORLD LEADER IN
MARINE FIRE SUPPRESSION TECHNOLOGY

AVD Wheeled Fire Extinguishers

SB-051-REV-A

AVD is a revolutionary fire extinguishing agent specifically designed for Lithium-ion battery fires. It is environmentally friendly and is made from naturally occurring vermiculite.

AVD offers significantly superior performance to both control and extinguish flammable Lithium-ion battery fires. AVD's enhanced fire extinguishing properties when compared with the alternative products make it the only fire extinguishing agent you should consider for Lithium-ion battery fires.

AVD is applied in the form of a mist. The vermiculite particles within the mist are deposited on the surface of the burning fuel to create a film over the top of the fire. This film instantly dries and because of their high aspect ratio the platelet particles overlap and bind together, producing a non-flammable oxygen barrier between the fire and the atmosphere.

Sea-Fire AVD high performance wheeled fire extinguishing units are designed to target high risk Lithium-ion battery fires. They are suitable for use in locations where there are numerous Lithium-ion battery powered devices.



Applications include

- Lithium-ion battery capacity over 750WH
- Multiple Lithium-ion battery powered devices
- UPS (Uninterruptable Power Supply)
- Portable chargers
- Power tools

Product features

- Suitable for Lithium-ion battery, class A and flammable metal fires
- Creates a film over the fuel source to deny oxygen and suppress the fire
- Non-toxic to humans, plant-life and animals
- Environmentally responsible

Product specifications

Extinguisher AVD type	AVD 25 Litre	AVD 50 Litre
Volume AVD agent (l)	25	50
CE/PED	Yes	Yes
Approx. weight of unit (kg)	55	100
Cylinder Ø (mm)	350	350
Unit height (mm)	970 ± 10	1090 ± 10
Unit width (mm)	558	558
Hose (m)	5	5
Propellant	Nitrogen (Helium Tracer)	
Operating temperature (°C)	+5°C to +60°C	+5°C to +60°C
Operating pressure (bar)*	8	8
Supply bottle (bar)	160	160
Discharge time (mins)	3.5	7
Discharge range (m)	5	5

www.sea-fire.co.uk

Additional product data sheets and information available on request

Sea-Fire Europe Ltd

Unit D2 Discovery, Voyager Park, Portfield Road, Portsmouth, PO3 5FN, UK

+44 (0) 2392 679666 • customersupport@sea-fire.co.uk