



Technical Bulletin 002 – Hand Held Installation Guide

Rev2 22/02/2016

Lifeline offers a full range of quality hand held AFFF Zero 2000, powder and Novec 1230 Zero 360 extinguishers to suit all budgets and motorsport applications.

Lifeline hand held extinguishers are supplied complete with a bracket and quick release strap for easy access (except for belt mount units). All units have a 2 year servicing cycle.

If you are unfortunate enough to need to discharge our product, please follow the advice below: -

- **YOU ARE MORE IMPORTANT THAN THE CAR, DO NOT PUT YOURSELF OR OTHERS IN UNDUE RISK AND NEVER TACKLE A FIRE BIGGER THAN A RELATIVELY SMALL MOTORSPORT EXTINGUISHER CAN HANDLE. GAIN ASSISTANCE FROM MARSHALS AND OTHER COMPETITORS WHEREVER POSSIBLE**
- **ENSURE THE ELECTRICAL ISOLATION SWITCH HAS BEEN ACTIVATED TO PREVENT RE-IGNITION**
- **TAKE A FEW SECONDS TO ASSESS THE FIRE AND DECIDE WHERE TO AIM THE EXTINGUISHER. EXTINGUISHING THE FIRE QUICKLY, BEFORE IT GROWS, IS THE PRIORITY; A FEW SECONDS ASSESSING WHERE THE FIRE IS ARE MORE VALUABLE THAN THE TIME USED AND SUPPRESSANT WASTED TARGETTING THE WRONG AREA OR SOMETHING THAT ISN'T BURNING.**
- It is preferable to attack the fire with any wind behind you to assist maximum discharge range and your safety
- Hand held extinguishers have a solid dip tube, they will not work upside-down or on their side
- Do not be surprised if the fire rears up on initial discharge; this is due to the rush of air in front of the suppressant and will subside
- Ensure you are positioned close enough to reach the fire with the suppressant discharge while remaining safe, if necessary, knock the fire down from a distance before moving closer to finally extinguish.
- If possible, stop the discharge once the fire is out, saving any remaining suppressant in case of a subsequent re-ignition. A Zero 2000 extinguisher can be used to cover any unburnt fuel with the remaining suppressant to form a foam blanket which will prevent re-ignition
- Never discharge a powder extinguisher in the cockpit when the car is still moving, visibility will be dramatically impaired

Other References

TB001	System Care, maintenance and Service
TB003	Novec MSDS
TB005	Zero 2000 MSDS
TB009	Extinguisher Selection



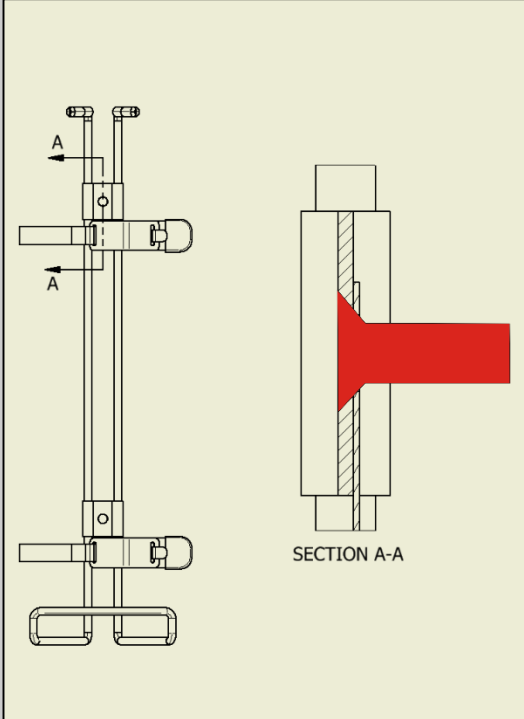


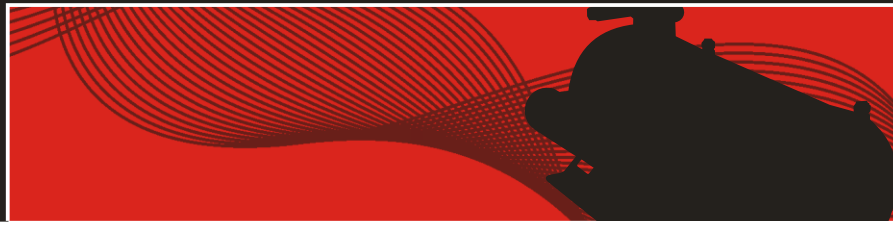
Weights and Dims

Part No.	Description	Dims	Weight
201-100-001	1.0ltr AFFF Hand Held	331 x 90mm	1.58kg
201-100-002	1.75ltr AFFF Hand Held	375 x 108mm	2.65kg
201-100-003	2.4ltr AFFF Hand Held	440 x 108mm	3.53kg
201-100-006	0.6ltr Alcohol Foam Belt Mounted Extinguisher	315 x 80mm	1.18kg
201-101-001	1.0ltr Hand Held Polished	331 x 90mm	1.58kg
201-101-002	1.75ltr Hand Held Polished	375 x 108mm	2.65kg
201-101-003	2.4ltr Hand Held Polished	440 x 108mm	3.53kg
201-100-006	0.6ltr Alcohol Foam Belt Mounted Extinguisher Polished	315 x 80mm	1.18kg
202-100-001	0.7kg Monex Powder Belt Mounted Extinguisher	315 x 80mm	1.31kg
202-200-001	1.0kg ABC Dry Powder Hand Held - Blue	331 x 90mm	1.61kg
202-200-003	1.0kg ABC Dry Powder Hand Held - Gold	331 x 90mm	1.61kg
202-200-004	1.0kg ABC Dry Powder Hand Held - Polished	331 x 90mm	1.61kg
202-100-101	2.0kg ABC Dry Powder Hand Held - FIA	375 x 108mm	2.92kg
202-200-102	2.0kg Monex Powder Hand Held - FIA	434 x 108mm	3.13kg
207-101-001	Zero 360 1.0kg Novec 1230 Hand Held - Grey	341 x 90mm	1.80kg
207-101-002	Zero 360 2.0kg Novec 1230 Hand Held - Grey	375 x 108mm	3.12kg
207-101-003	Zero 360 3.0kg Novec 1230 Hand Held - Grey	484 x 108mm	4.25kg



Installation

Item	Fixing	Location and Fitting Guide
Bracket and Straps	2xM6 nut, countersunk bolts and washers. Vibration washers and/or Nylocs are highly recommended. The use of self-tapping screws or inserts is not permitted	<p>Locate the extinguisher where it can be reached easily and so the strap closing mechanism cannot be accidentally released. Mount to the floor of the car, do not mount to the roll cage.</p> <p>Drill fixing holes suitable for the M6 countersunk bolts on the same centres as the bracket. Trap the straps behind the bracket and secure using the M6 countersunk bolts, washers and Nylocs.</p> <p>Pay special attention to the head of the M6 countersunk bolt to ensure it does not foul on the cylinder when installed.</p> 
Extinguisher	2 x Over-centre Straps	Once the bracket has been fixed, place the extinguisher and secure using the two over-centre straps



Extinguisher Part No.	
Extinguisher Serial No.	
Date of Manufacture	
Service 1 Date	
Service 2 Date	
Service 3 Date	
Service 4 Date	
Service 5 Date	
Notes	