



HELIFOAM

HELIFOAM offers the ultimate foam injection systems for Helicopter Monsoon Buckets

The HELIFOAM™ system is used by pilots, to transfer and inject Class A foam (fire suppressant) concentrate at 0.5% into each load of water within the monsoon bucket to increase the effectiveness of firebombing drops.

The unit is available in the following options:

Cabin Option – This model is designed to be mounted inside the helicopter and allow the operator to store and bulk supply foam concentrate from the original 19 Litre (5 gal) container inside the self-contained spill unit.

Skid Mounted Option – This model is designed to be mounted on the helicopter skid and allow the operator to store and bulk supply foam concentrate from 2 original 19 Litre (5 gal) containers inside the cradle.



Passenger Cabin Option



Skid Mounted Option

HELIFOAM Model	Capacity		Empty Weight		Recommend Retail Price in New Zealand Dollars
	Litres	Gallons	Kgs	Lbs	
HELIF-20	19.0	5.0	12	26.45	<ul style="list-style-type: none"> ❖ NZ\$3300 + GST, subject to change without notice) ❖ Crating & Shipping not included

Combined Features and Benefits:

- Conveniently-mounted connections and controls
- Pilot selectable timer and remote dosing switch
- Decants directly from a standard Foam container
- Self-Contained Anti-Spill stowage for foam container

System components include:

- Pump and foam injection assembly
- Foam delivery breakaway coupling
- Remote PIC timer and remote dosing switch
- Hirschmann Series connectors for local hookup

Installation – The pilot or crew member then: (1) affix's the HELIFOAM unit and its self-contained electrical control system to the helicopter in a way to prevent injury to personnel or damage to the helicopter; (2) inserts a full pail of Class "A" Foam into the unit; (3) places the pick-up wand on the suction side of the pump into the concentrate container and (4) connects the discharge hose extending down the strop into the monsoon bucket using a quick connect coupling.

Power to Operate – Power source for the dispenser must be obtained from the helicopter by installing a MS 3116F-12-3P, three-pin connector on the cord to the unit. Pin A shall be +28 vdc and pin B for ground.

Operation – To operate the Self-Contained HELIFOAM unit the Pilot depresses the cyclic mounted dosing button to engage the unit which in turn injects Class "A" Foam directly into the helicopter monsoon bucket after it has been filled with water.

Dispensing – Sufficient mixing of the Class "A" Foam concentrate and water will occur from either the drop alone and/or from the flight vibration, if foam is injected into the water inside the helicopter monsoon bucket at least a couple minutes before the drop. More specifically, the drop should be made at 10 to 20 knots airspeed at around 50 feet Above Ground Level (AGL) for optimal mixing.

Manufactured in New Zealand by Rural Fire Service for Aerial Firefighting

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