



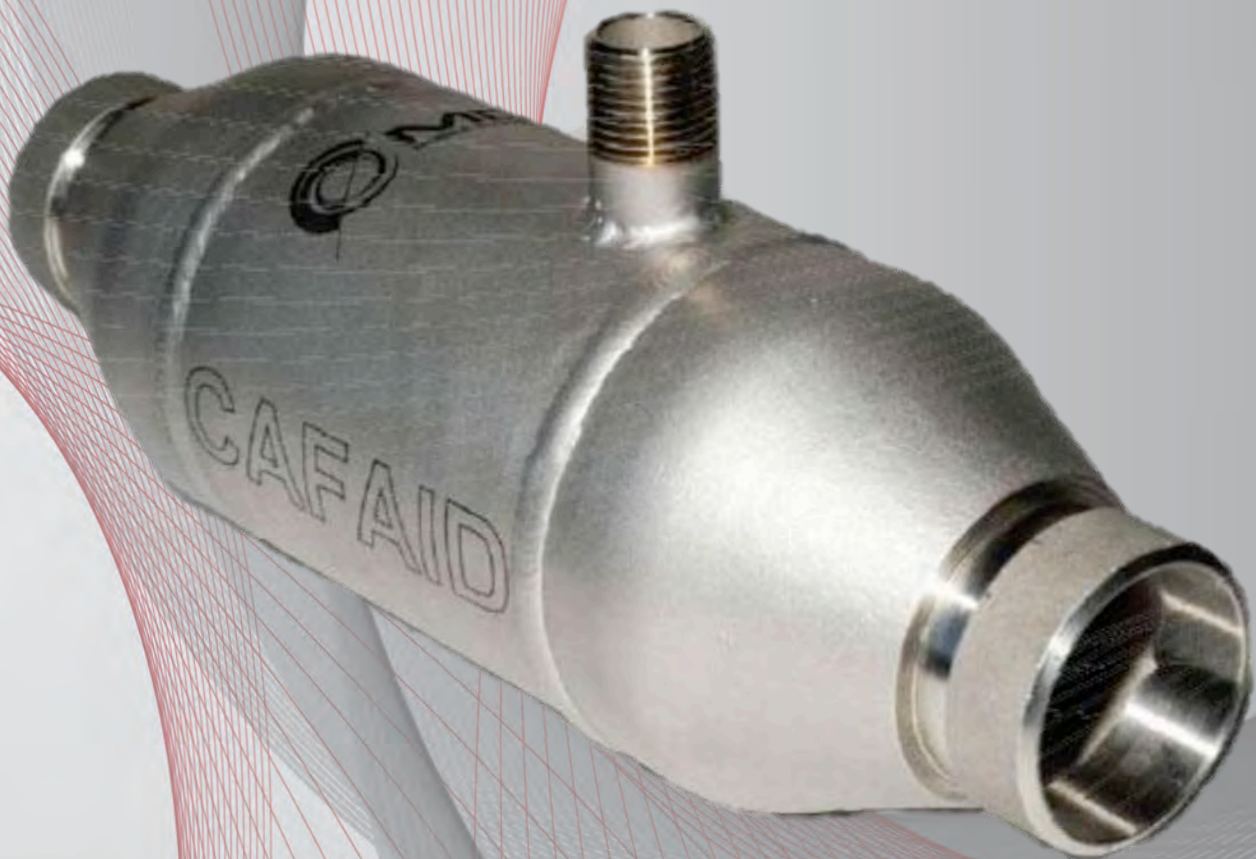
# MEEA

MOBILE ENERGY AUSTRALIA

Specialists in vehicle mounted compressor & generator systems

## CAFAID

COMPRESSED AIR FOAM AIR INJECTION DEVICE  
IMPRESSIVE CAF TECHNOLOGY



**POWERFUL. RELIABLE. CAFS.**



## CAFAID



- Patented unique design.
- Reduced slug flow.
- Simplistic in nature and does not require sync functions.
- Allows for constant high flow supply.
- Effective and efficient forming the basis of a precise modern day, user-friendly CAF system.
- Perfect enhancement to traditional tactics.
- Works well with existing pump sets.
- User friendly design.
- Engineered to be durable, reliable and has no moving parts.

The MEA CAFAID is a device that has been developed to provide a supreme Compressed Air Foam (CAF) capability for fire and land management agencies using their traditional pump sets and fire fighting appliance configurations. Traditional off the shelf CAF systems are generally purpose built and tailored to each applications with CAF being the main consideration in these designs, pump performance specifically volume and pressure have limitations of use outside CAF. This MEA CAFAID allows the agency to very easily enhance their established configurations (existing vehicles) with CAF by simply fitting the MEA CAFAID to nominated deliveries where CAF is required and plumbing air to the device at a predetermined pressure and volume. The benefit of the MEA CAFAID is that agencies can maintain their traditional performance for established tactics, but deliver CAF as an enhancement to there capability without compromising their traditional tactics when required.



The MEA CAFAID is simplistic by nature and does not require auto sync functions like the traditional CAF systems and has engineered out all the problematic and sensitive hardware. Air is simply brought into the MEA CAFAID at a consistent pressure and volume whereby the air is injected into the foam solution mix, as it flows through the purpose designed chamber. The arrangement of the MEA CAFAID creates very efficient mixing of the foam solution mix which is pre disrupted creating turbulence prior to air injection to create an even CAF consistency with further diffusing at the discharge point of the device, thereby requiring no minimum run off to promote scrubbing to finish the CAF like other systems. (scrubbing is done within the device).



## INTEGRATED CAFAID IN CAFS FIRE TRUCK



Slug flow is also reduced due to the nature of the design of our device. The MEA CAFAID has the ability to precisely finish the CAF product through the full range of wet to dry, and exhibits exceptional characteristics with slow drain times and high energy effective finished product for application across a range of fuels for both suppression and protection. The finished product is defined by the volume of solution that is presented to the MEA CAFAID for aspiration. From a Functional design perspective, the MEA CAFAID can be controlled by traditional handle ball valves, or by motorized flow devices where pump and roll is required with remote operation deliveries.

The device is simple, effective and extremely efficient, forming the basis of a precise modern day simplistic user-friendly CAFS system to enhance existing capabilities

For more information about our CAFAID contact us today on:  
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