



## EZ ADD® Fleet Additive Metering System

The EZ ADD® FAMS is designed for diesel equipment that is fueled primarily at a terminal. The FAMS is an excellent choice for regional tractor truck terminals, construction sites, mining operations, and marine applications. Fuel is routed through the FAMS unit from the existing fuel dispenser. Additive is dispensed real time into the fuel flow as it is dispensed into the equipment fuel tanks. Fuel and additive data are logged for future use.



- ✓ Insure proper additive dosing and eliminate waste
- ✓ Reduce potential for hazardous spills and employee falls and injuries from batch blending
- ✓ Totally hands free for operator – No on/off switch, no numbers to enter, no calculations to perform
- ✓ Use with diesel or biodiesel up to B20
- ✓ Connect to one or two existing fuel dispensers
- ✓ 30 gallon additive reservoir w/ spill containment
- ✓ Simple and quick to install
- ✓ Optional heater kit for extreme cold environments
- ✓ Optional wireless capability for transmitting fuel and additive data to a secure website

### Installation /Operation Overview:

The EZ ADD® FAMS unit is installed near an existing fuel dispenser. It can be connected to a single dispenser or the FAMS Twin can be connected to two dispensers. The unit is anchored to concrete to resist overturning and fuel hose breakaway loads. The fuel hose and nozzle are removed from the existing dispenser and reconnected to the outlet of the FAMS. The discharge of the fuel dispenser is connected to the inlet of the FAMS with the hose supplied in the kit. A 120V 15A electrical connection is made to the disconnect box attached to the FAMS unit. The additive holding drum is filled through a ¾” hose connection. Warning alarms sound as the drum approaches full. The additive mix ratio is set on the controller and the FAMS is ready for operation.

As fuel flows through the FAMS unit, the controller senses the flow rate and dispenses the appropriate amount of additive into the fuel stream based on the additive ratio. Individual fueling events as well as totals are logged for future use. A heater kit can be added for operation in extreme cold environments. Wireless capability can be added to transmit fuel and additive data to a secure website. Additive refills and billing can be automated with the wireless service. The FAMS is self calibrating and automatically adjusts the additive dispensing rate to accommodate variations in temperature, additive viscosities, and fuel flow pressures to maintain an accuracy of +/- 3.0%.

<b>Specifications:</b>	(Subject to change without notice)
Additive Capacity:	30.0 US Gallons (113.56L) / 27.0 Gallons usable
Additive Ratio Range:	1:250 to 1:1500 or 1:1000 to 1:4000
Accuracy:	+/- 3.0%
Compatibility:	Diesel and Biodiesel (up to B20) Not to be used with Gasoline or Ethanol
Power Requirements:	120 Volts AC 15 Amps
Fuel Flow Rate:	5 gpm to 50 gpm @ 50 psi maximum
Operating Temperature:	20°F to 120°F (-7°C to 49°C) basic system -40°F to 120°F (-40°C to 49°C) heated system
Dimensions:	26” W x 26” D x 62” H
Weight:	300 lbs without additive

