

DEFENDER-LITE IGNITION SYSTEM



DESCRIPTION:

The Cordova DEFENDER-LITE Ignition System is the perfect economical solution to help maintain and re-light the pilot for your Enclosed Combustion Unit (ECU). The system was specifically engineered to provide a reliable continuous spark ignition system for all types of ECUs. The DEFENDER-LITE is the most basic and user friendly model of the Cordova Ignition Systems and simply lights the ECU's pilot and monitors the flame continuously. The DEFENDER-LITE also has the capability of pneumatically operating a CORDOVA GPV-250 ESD valve (or similar) to control main burner gas upon pilot failure if desired. In the event of pilot failure, the DEFENDER-LITE will begin sparking to attempt to re-establish the pilot flame. If, for some reason the pilot flame cannot be re-established, then the DEFENDER-LITE will stop sparking after 30 seconds and an alarm signal can be passed through a digital output to a PLC via hardwire or by utilizing Cordova's DATAVAULT data logger for pilot run time (If ESD valve is utilized, gas supply will also be removed to the valve upon pilot failure).

ADDED BENEFITS:

The DEFENDER-LITE includes an external LED light that gives status of the pilot and can be seen from a distance even in the daylight hours.



The DEFENDER-LITE is easily field upgradeable to become a DEFENDER or GATEKEEPER if it is determined that more control and monitoring of the burn gas entering the ECU is desired.

SPECIFICATIONS:

Enclosure	12"W x 14"T x 6"D Nema 4
Battery	8 ah SLA (Included)
Solar	10 Watt (Included)
Alarm Output	1 Digital Output (Included)
External Status LED	Identifies pilot ON or OFF
Data Logging (optional adder)	Cordova DataVault Data Logger
Ignition Sequence	30 Seconds
Pilot Sensing	Flame Rectification