

DEFENDER IGNITION SYSTEM



DESCRIPTION:

The Cordova DEFENDER System is the perfect solution for maintain complete destruction of the VOC's in your Enclosed Combustion Unit (ECU). The system was specifically engineered to help Big Iron Oilfield services provide a reliable continuous spark ignition system for all their ECU's.

The DEFENDER is the base model of the Cordova Ignition Systems and simply lights the ECU's pilot and monitors the flame continuously. In the event of pilot failure, the DEFENDER 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 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 built in RAD – I/O wireless capabilities.

ADDED BENEFITS:

The DEFENDER not only ignites and monitors and pilots the pilot flame of the ECU, but also has optional radio capabilities which can transmit an output alarm across the location to a PLC. No hardwiring is necessary. A high temp alarm is also available via thermocouple if fluids enter the ECU and begin to burn.

THE DEFENDER is easily field upgradeable to become a GATEKEEPER if it is determined that valve control of the burn gas entering the ECU is desired.



3.5" LCD Display



Optional Radio

SPECIFICATIONS:

Enclosure	12" W x 14" T x 6" D Nema 4
Battery	20 ah SLA (Included)
Solar	30 Watt (Included)
Alarm Output	1 Digital Output (Included)
Alarm Radio Output	Upgradeable to Cordova RAD- I/O Wire Replacement
Hight temperature Alarm	Thermocouple (Not include)
Data Logging (optional adder)	Hardware Accepts USB Stick for Data Download
Ignition Sequence	30 Seconds
Interface	3.5 LCD Display
Pilot Sensing	Flame Rectification