



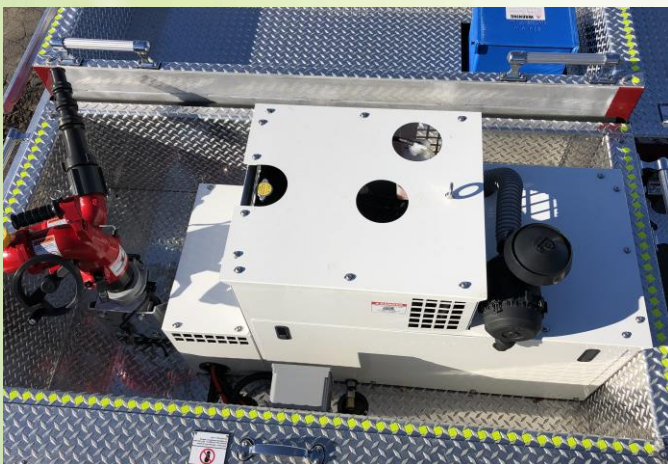
## IDLE CONTROL SYSTEM

### 10K200

The IRT10K160 APU is designed for those customers looking for **SIMPLICITY, FUEL SAVINGS, EXTENDING THE LIFE** of your chassis and **VERSATILITY!**

The compact and light-weight Auxiliary Power Unit 10K200 is an all new concept in Idle Reduction Technology. The 10K200 is powered by a proven fuel-efficient T4F Kubota® diesel 3 cylinder engine.

The 10K200 will maintain the chassis 12-volt DC electrical system by running both the AC Generator and the DC alternator simultaneously.



The 10K200 is designed to start automatically when the chassis engine shuts down via the OEM provided programming.

Optional HVAC capabilities for crew member comfort during summer and winter conditions are available.

### Benefits of the 10K200

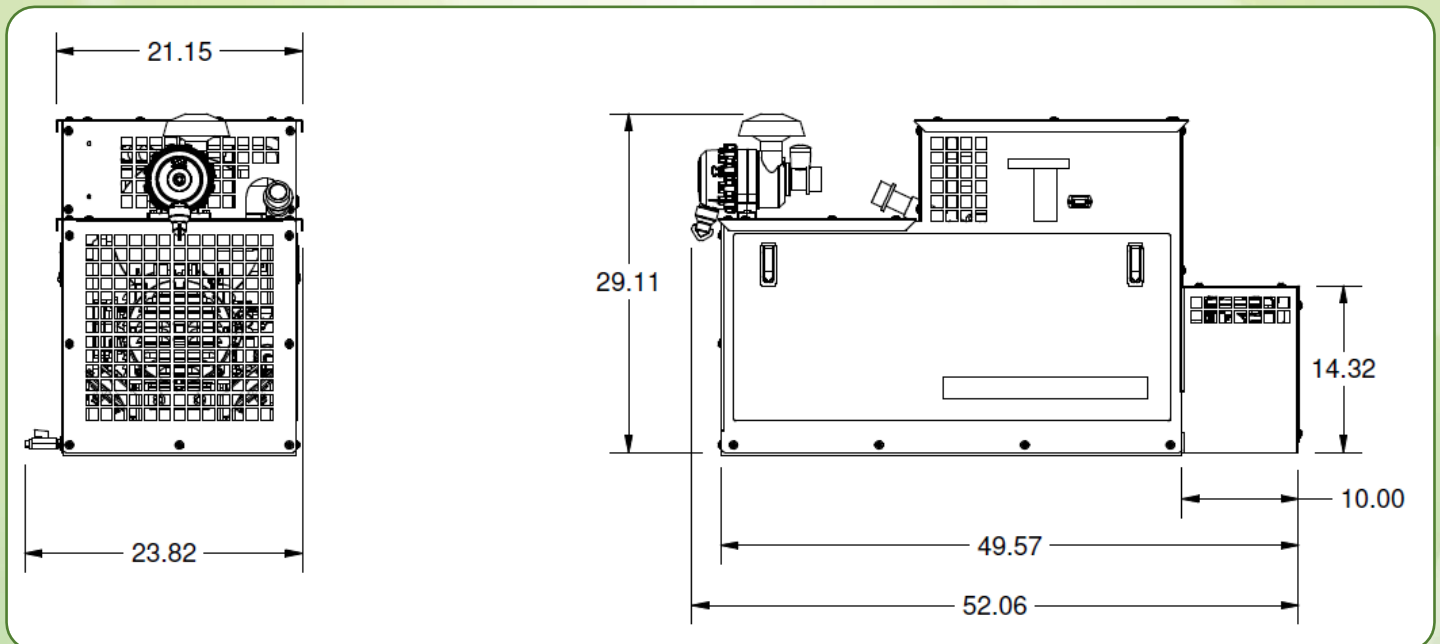
- Simple installation in new or existing apparatus
- Save fuel by not using the chassis powertrain
- Reduces DPF servicing and maintenance
- Eliminates unnecessary idling up to 75%
- Reduces fire apparatus (P/M) schedule

## Load Capacities

A summary of load capacities are as follows, when running at an input temperature of 120 F. The 10K200 provides for the most flexible Idle Reduction Technology in the industry with 4-ratings:

- 7000 watts AC and 200 Amps DC
- 8000 watts AC and 150 Amps DC
- 9000 watts AC and 80 Amps DC
- 10000 watts AC and 0 Amps DC

Engine	Type	Kubota D902-E4B
	Power Rating	24.8 Hp
	Engine Emission	Final Tier 4
	Electrical System	12V DC
AC Generator	Design	Brushless, revolving field, two pole, 3600 RPM at 60 Hz
	Rating	10 kW
	Pf	1
	Amperage @ 120/240	2
DC Generator	Design	Heavy Duty, E-Coated for Maximum Corrosion Resistance
	Maximum Output	200 amps @ 12 VDC
Base Dimensions		49 5/8" LX 21 1/8" W X 29 1/8" H
Machine Operating Angle		15° maximum
Duty Cycle		Continuous
Ambient Conditions		-20°F to 120°F
Machine Weight (WET)		535 lbs.



Harrison Hydra-Gen ®  
 14233 West Road | Houston, TX 77041  
 T: 800.723.3334 | O: 281.807.4420 | F: 281.807.4815  
 sales@harrisonhydragen.org | www.harrisonhydragen.com



Rev V3  
 03/10/19

*quality, service & dependability . . . guaranteed*