

APU IDLE REDUCTION SYSTEM

The HOTSTART® APU allows an idling locomotive to be shut-down in cold weather at any location. It is a self-contained system that runs off the locomotive's diesel fuel supply, keeping the prime mover warm and ready to restart. It consumes 1/2 gallon per hour of diesel fuel on average depending on ambient temperature. Shutting down an idling locomotive reduces fuel consumption, oil consumption, emissions, noise, engine wear and wet-stacking.

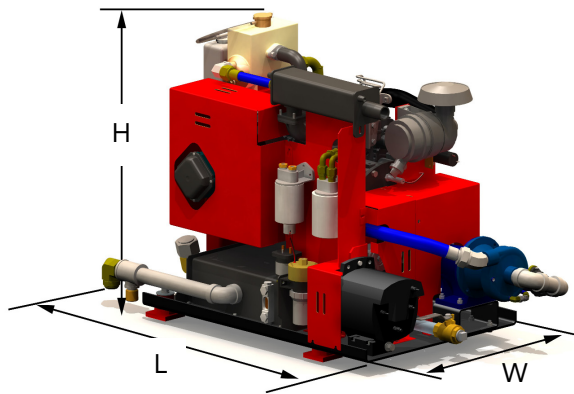


APPLICATION

The HOTSTART® APU charges locomotive batteries and maintains water temperature above 100°F even at ambient temperatures down to -10°F for a typical EMD locomotive. The APU automatically starts/stops and changes speed as necessary to maintain water temperature and battery charging needs. It is small enough to install on the walkway, inside the car body, or in the nose of the locomotive where space allows.

SPECIFICATIONS

- Heat Output: 14kW
- Fuel Consumption: 1/2 gl/hr
- Voltage Output: 72VDC
- Flow: 20GPM @ 25 PSI
- EPA Certified 2-cylinder, 13hp diesel engine
- Port Sizes: Inlet - 24JIC (1.5"), Outlet - 16JIC (1")
- Service Intervals: 92 days



Dimensions & Weight

Height	H	In (cm)	32.4	(82.3)
Length	L	In (cm)	50.25	(127.6)
Width	W	In (cm)	23.9	(60.7)
Weight		lbs (kg)	600	(272)

Options

- Oil heat
- Low water temperature alarm
- GPS and remote monitoring
- AESS interface
- Installation kit

