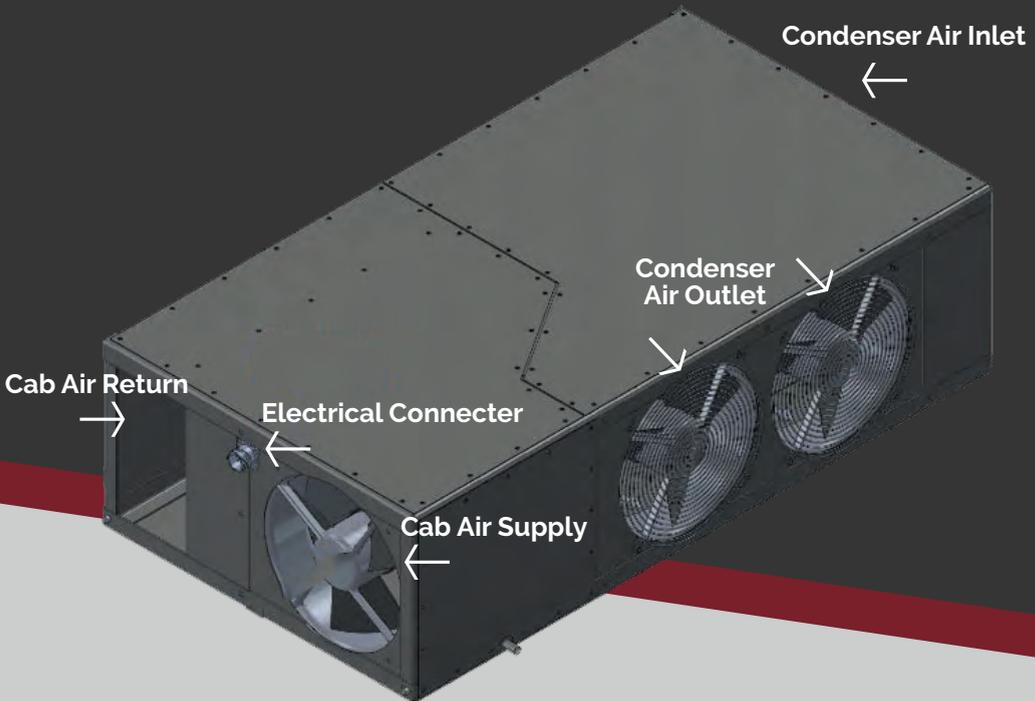


EKYCOOL (HVAC SYSTEM)

LOW HORSEPOWER LOCOMOTIVE GP38-2 SD40-2



PRODUCT OVERVIEW

The EKYCOOL is a modular HVAC system (2 cassettes), **fully redundant**, specially built for locomotive application. The unit is designed to be installed and replaced quickly in order to optimize the locomotive service time and minimizing the down time. These modular HVAC units are designed with service proven components. The frame is made of stainless steel to prevent any rust.

Features

- Stainless steel frame
- Low life cycle cost
- Fully serviceable
- Field replaceable unit (cassette)
- Horizontal compressor (low profile)
- Quick connector for electrical connection (military type)
- Built-In heater element

EKYCOOL (HVAC SYSTEM)

TECHNICAL SPECIFICATIONS

System Capacity

Cooling	30,000 BTU/hr Total (15,000 BTU/hr per cassette)
Heating	3,000 Watts Total (1,500 Watts per cassette)
120VAC Power Input	13.6 Amps at 100°F ambient per cassette
Air flow locomotive cab	1000CFM in High Speed & 500 CFM in Low Speed
R-410A Refrigerant	Eco-friendly. Zero Ozone Depletion Potential (ODP = 0) No phase out planned in a short future
Design MTBF	60 000 hours
Weight	155 lbs per cassette

Items Included

- HVAC Master Frame (Including cover & filter)
- Air Plenum & ductwork in the cab
- Air filters (in the cab)

Optional Components

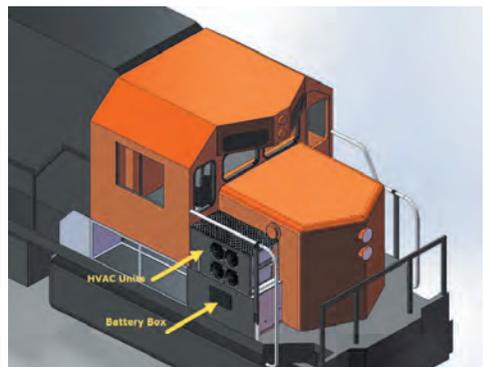
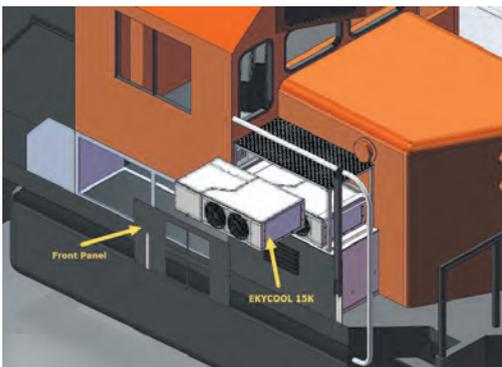
- Battery Box with Slide-Out Tray (Including fiberglass cover)
- Shop Power Transfer Box

Warranty

- Product warranty: 2 years

Inverter Equipment

- Ekyrail 6000 VA for two EKYCOOL 15K (3000 VA per channel)
(P/N 1015080000)



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