



INNOVATION

Complete engineering, design and development capabilities.



MANUFACTURING

Manufactured using Bergstrom's World class manufacturing systems and processes.



QUALITY

Designed, engineered and manufactured in the U.S. and China facilities.

Suggested Applications



www.bergstrominc.com



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Electric Thermal Management System

Heat Pump System Solution



BEPS-T-HPSS-24R1-EN-B



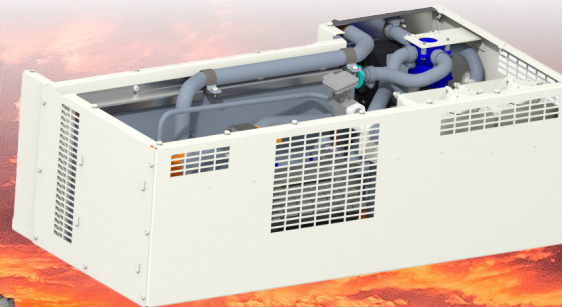
Main Features:

- Electrified variable speed compressor with brushless motor for improved efficiency and reliability.
- Brazed plate evaporator to provide secondary loop cooling.
- Brazed plate condenser to provide secondary loop heating/defrost.
- Coolant pumps and valves provide coolant flow control.
- Mixing valves for temperature control of secondary loop fluid and modes.
- Thermal management of components and cabin for conventional and zero-emission vehicles.

TECHNICAL SPECIFICATIONS

Cooling Capacity (48V)	2.000 to 5.500 W 6.824 to 18.767 BTU/hr
Heating Capacity (48V)	2.000 to 5.000 W 6.824 to 17.061 BTU/hr
COP	2.5 to 4.0
Compressor Options	24V, 48V, 400V, 600V, 800V

WEIGHT & DIMENSIONS	
Weight	31,75 kg 70 lb
Dimensions (L x W x H)	863 x 438 x 289 mm 34 x 17.2 x 11.4 in



SYSTEM DIAGRAMS

