



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



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

Electric Thermal Management System

Heat Pump System Solution



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

