

# BERGSTROM

Since 1949, **Bergstrom** has been supplying to many of the world's largest and most respected companies with their heating and air conditioning solutions.



## 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.



[www.bergstrominc.com](http://www.bergstrominc.com)



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BAFF-T-ADCT2/R1-EN-B

# ADVANCED COMPONENTS

New Arrivals



# New Brushless DC Motors

The air moves through the new brushless motors to help reduce the power required to operate HVAC systems.



Axial fan for integrated powertrain and condenser cooling

### Features

- **Voltage:** 12/24/48VDC
- **Electronic Interface:** PWM/50-2000Hz
- **Thermal Derating:** 125°C
- **Load dump:** 5a
- **Sealing:** IP68, IP69K
- **Protection:** OC, OV, UV,OT, Stall
- **EMC Emission:** Class 5
- **Diagnostic:** Digital/LIN
- **Smart:** LIN Version

### Blower Assembly



### Speed Control:

- Analog
- PWM
- LIN

### Single Wheel Blower

#### IP Class:

- IP68
- IP69K

#### Built to last:

- >40,000 hours



# Electrified



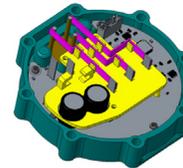
### Electric Compressor

A reliable and efficient electrically-powered compressor for your HVAC solutions. **48V to 800V DC**

- Power: DC48V/2880W
- Controller Integrated
- IP56 (can be I69K)
- EMC Class 3 (CISPR25)
- Speed control: Configurable for analog, PWM, LIN and CAN

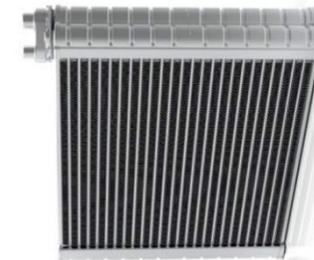


Diagnostic capabilities including monitor temperatures, speed control, pressure and voltage.

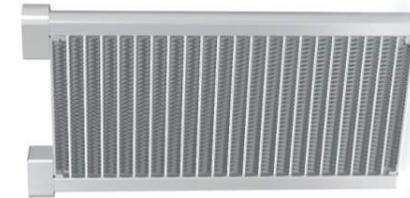


# Heat Exchangers

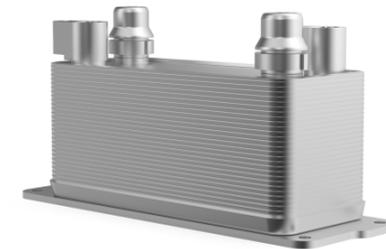
Design, validation and production of robust, microchannel heat exchangers



Refrigerant to Air HX



Coolant to Air HX



Refrigerant to Coolant HX

### Benefits of our heat exchangers

- **Lighter** than conventional tube and fin components.
- **Cost savings** by using better, cost-effective materials and less refrigerant for lower charge weight.

### Electric Coolant Pump

Electrified coolant pump for on-demand cooling which reduces power requirements, fuel consumption and emissions. **48V DC to 800V DC**

