

DC ELECTRIC A/C COMPRESSOR ASSEMBLY



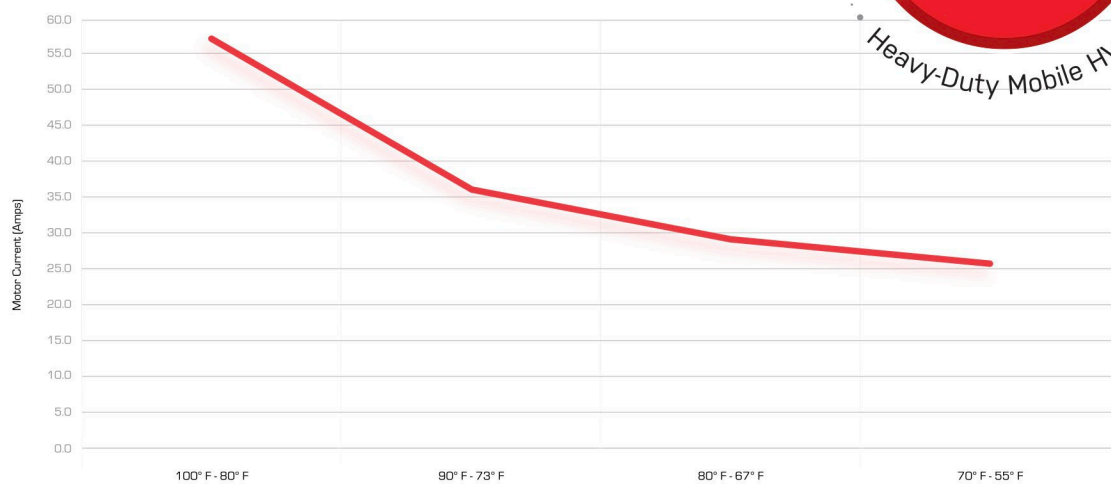
THE MARKET'S MOST
ROBUST &
MOST **FLEXIBLE**
SOLUTION

FEATURES

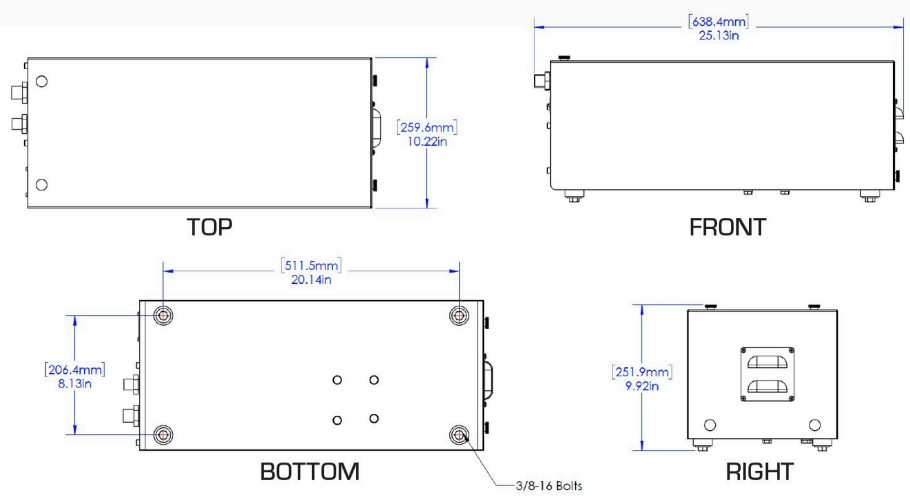
- › Part No.: R-9925-0-24P
- › Weight: 84 lbs (38.1 kg)
- › Maximum Energy Use: 57 Amps (Variable, see chart) @24VDC @ 100° F Ambient
- › Capacity (@100°F): 12,045 BTU/hr.

ADVANTAGES

- › 24V Heavy Duty Brushless DC electric motor
- › Variable displacement compressor for reduced current consumption
- › All major components environmentally protected to IP65 rating
- › Heavy-duty cast aluminum housings
- › Can be plumbed into existing climate systems for engine-off use



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|---------------------------------|----------------|---------------|---------------|---------------|
| Evaporator Temp. (Inlet/Outlet) | 100° F - 80° F | 90° F - 73° F | 80° F - 67° F | 70° F - 55° F |
| Motor Current | 57.0 Amps | 36.7 Amps | 29.7 Amps | 25.8 Amps |



The DC Electric A/C Compressor Assembly is the most robust and most flexible unit on the market today. Unlike other A/C solutions that require the vehicle to cool completely, struggle to properly maintain temperature, or operate at full capacity at all times, the DC Electric A/C Compressor Assembly provides maximum cooling when it's needed, yet saves energy when it's not. The variable displacement compressor automatically cycles back as the temperature in the cabin cools, reducing its electric load. Its heavy cast aluminum structure keeps the weight down while providing durability for the most extreme environments. The heavy-duty brushless motor runs with ease at a fixed speed, keeping this compressor assembly maintenance-free through years of rough use. The internal controller monitors the low and high pressure to protect the compressor, and includes the ability to operate the compressor system through CAN and LIN communication.