



## Compressor **05K**

# A new dimension in proven performance



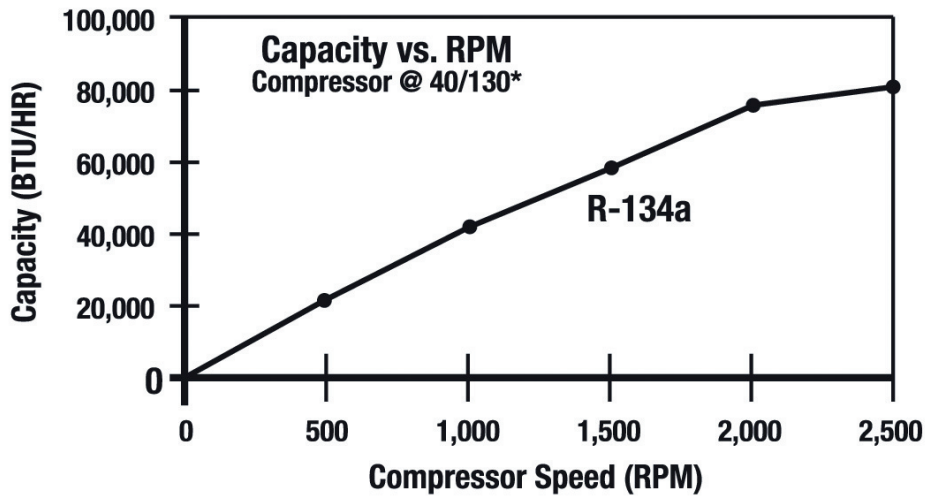
A product of MCC's leadership in advanced compressor design, the 05K compressor brings you the next generation for bus air conditioning. It's the latest model of superior performance and exceptional reliability, from MCC.

Engineered to withstand punishing conditions, the 05K is virtually indestructible. Based on the 05G, the industry standard for high reliability, the 05K features time-proven, heavy-duty construction. And its exclusive four-cylinder design ensures exceptionally smooth, balanced operation.

No other manufacturer of air conditioning compressors has the experience backed by the advanced R&D, engineering, and technological leadership of Mobile Climate Control.

### Features

- High capacity, efficiency at lower speeds. Superior efficiency significantly reduces horsepower drain on the bus engine, reduces maintenance, extends life and saves fuel
- Exclusive, balanced four-cylinder design
- Lower operating speeds, lower vibration, and less wear mean less maintenance and lower operation
- Large-capacity oil pump. Self-priming, reversible design provides dependable oil flow under cold or flooded start-up conditions
- Housing-mounted clutch and large clutch bearing provide longer life
- Lower operating costs
- Low oil-circulation rate. Less than 1%. Ensures superb operating efficiency
- Exclusive compressor unloading. Saves fuel, increases efficiency, virtually eliminates coil freezing, and produces uniform temperature distribution for greater passenger comfort
- Industry leading warranty. MCC's warranty provides the most extensive parts-and-labor coverage in bus air conditioning
- Certified for use with R134a



\* 40°F (4°C) Saturated Suction Temperature/  
130°F (54°C) Saturated Condensing Temperature.

## Technical Data

Rotation	CW or CCW
Max speed	400 – 2200
Clutch coil	12 or 24 VDC
Displacement	24.4 in <sup>3</sup> (400 cm <sup>3</sup> )
Number of pistons	4
Refrigerant	R134a
Pulleys	2A-2B/Various
Unloading steps	2 steps (100% – 50%)
Oil charge	POE 5.5 pints (2.6 L)
Dimensions (L x W x H)	17.6" (447 mm) x 17.2" (436.9 mm) x 16.1" (408 mm)
Weight	137 lbs (62 kg)



**Mobile Climate Control**