



## Compressor **05G**

# The only compressor you'll ever need!



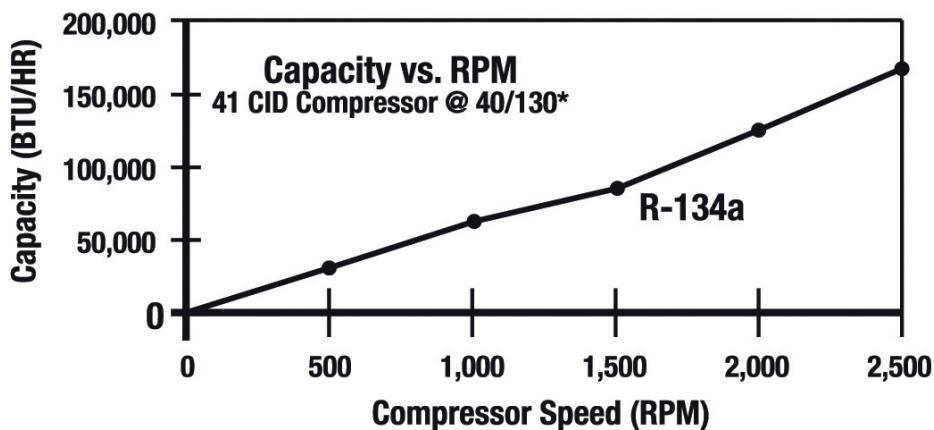
05G compressors have earned notoriety across the globe. Proven in thousands of installations over several decades, the 05G is known across North America as the industry standard for superior performance and reliability.

In fact, the 05G is virtually indestructible. It features time-proven, heavy-duty construction for extended life, and the highest reliability in the transport air conditioning industry. And, the 05G's exclusive 6-cylinder design features uncommonly 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. Cooling capacities are equal to or better than any competitive model, with operating speeds at least 30% lower. Superior efficiency significantly reduces horsepower drain on the bus engine, reduces maintenance, extends life – and saves fuel
- Exclusive, balanced six-cylinder design. Balanced crankshaft design minimizes torque pulsations for smoother operation, less wear on the bus engine and transmission
- Extended maintenance, lower operating costs. Lower operating speeds, lower vibration, and less wear mean less maintenance and considerable savings on parts and labor over the life of the bus
- Large-capacity oil pump. Self-priming, reversible design provides dependable oil flow under cold or flooded start-up conditions, and more than ample pressure even when operating at low rpm
- Housing-mounted clutch and large clutch bearing provide longer life
- 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 refrigerant



\* 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	41 in <sup>3</sup> (671 cm <sup>3</sup> )
Number of pistons	6
Refrigerant	R134a
Pulleys	2A-2B/Various
Unloading steps	3 steps (100% – 66% - 33%)
Oil charge	POE 5.8 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) (with clutch)

Specifications are subject to change without notice.



**Mobile Climate Control**