



BUILD AROUND THE INDUSTRY'S BEST.

A cooling system is only as good as the compressor that drives it. That's why Carrier/Carlyle manufactures the best compressors in the world, with unique unloading features, superior performance at a wide range of operating temperatures and sustainable refrigerants.

Operating Efficiency

Power conserving capacity control valves provide the most efficient operation at the lowest cost. These valves automatically match the compressor capacity to system load variations. Suction cutoff unloading further reduces energy usage during unloaded operation. Valve body shuts off passage from suction manifold, preventing charge from unnecessarily being pulled into cylinder. This results in an EER (Energy Efficiency Ratio) improvement of as much as 39.5% at 33% load. Rely with confidence on the overall protection devices built into these fine compressors. The Time Guard[®] circuit prevents rapid compressor cycling. High- and low-pressure switches protect against excessive motor loads due to refrigeration system problems. A lightweight crankcase, made of fine grain cast iron, meets all code pressure requirements. Large refrigerant gas passages guarantee low pressure losses and higher compression efficiency as well as providing for motor cooling. Sound level is kept at a minimum with a discharge line muffler. This muffler is an accessory for the 06D and 06E compressors.

- High-flow, automatically reversible oil pump provides positive-displacement oil lubrication.
- Crankcase venting system equalizes pressure during startup and assures oil return to sump.
- Oversize sump holds extra oil in crankcase to prevent levels dropping below safe lubrication range during flooded starts.
- Contoured pistons lower cylinder clearances to increase compressor capacity and efficiency.
- High-efficiency valves provide increased refrigerant flow and lower pressure drops.
- Electronic oil-pressure switch.

A quality compressor for the right application The Carrier/Carlyle line of 06D, 06E semi hermetic compressors is designed for light, medium, or heavy-duty applications from 3 through 40 tons. Use them with complete confidence for air conditioning or refrigeration, with either water-cooled, air-cooled, or evaporative condensers

Features/Benefits

System dependability Reliable trouble-free operation and long unit life is assured with this motor-compressor. The hermetically sealed unit eliminates dirt, air, and moisture contamination in the refrigeration system, and eliminates shaft seal and alignment problems. Compressor wear is minimized by the positive pressure lubrication provided with a built-in oil pressure regulator and an automatically reversible oil pump.

Specifications

Model	06DR241BCC06C0
Part Number	79-66625-00
CFM	41
Approved Oil	Castrol Icematic
Weight	260 lb. (Dry)
Country of Origin	USA
Brand	Carrier
CSA Listing	Yes
Cycle/Hertz	50/60 Hz
Phase	Three
No of Cylinders	6
Refrigerant	R134a
Type	Semi-Hermetic
Voltage	400-460 VAC