

GENUINE CARLYLE® REMANUFACTURED COMPRESSORS



GENUINE CARLYLE REMANUFACTURED COMPRESSORS TRAINING GUIDE

Genuine Carlyle Remanufactured Compressors are designed to meet exact Carrier® Corporation specifications, ensuring optimum system performance, proven reliability, easy installation and maintenance and safe system operation.

	Features	Genuine Carlyle Remanufactured Compressors	Aftermarket Rebuild Carlyle Substitute
System Performance	Latest Design	Genuine Carlyle Compressors are remanufactured to the latest Carlyle Engineering standards. All engineering upgrades and improvements are applied to each Genuine Carlyle Reman.	Carlyle does not share engineering specifications or design revisions with rebuilders.
	Built to Rigid specs	Compressor cores used for Genuine Carlyle compressors are dismantled to their smallest components. Critical wearing parts are automatically discarded, even if they are perfectly serviceable. All other components are evaluated to determine if they meet current Carlyle standards. Tolerances of 5/10000th of an inch are required for some components, and deviations beyond Carlyle's proprietary specifications result in the component not being used.	Carlyle closely guards critical and proprietary design data and does not disclose it to rebuilders.
	Matched Components	Genuine Carlyle reciprocating compressor consists of at least 450 component parts routinely upgraded by Carlyle engineers, many of which must be matched to ensure optimal performance. For example, only high efficiency valve plates, pistons and motors are used in combination.	Carlyle does not sell genuine replacement parts to rebuilders.
	Gasket Materials	Genuine Carlyle compressors utilize coated metal gaskets on the high side, which maintain their integrity under higher operating pressures.	Carlyle does not share proprietary gasket material design and specifications with rebuilders.
	Electric Motor	The rotor and stator iron of all cores are removed, tested and evaluated to determine if they meet Carlyle standards. The removal of the stator iron is difficult. Carlyle uses special techniques to ensure the stator laminations are not damaged during disassembly.	Carlyle does not share proprietary manufacturing techniques or specialized tooling design with rebuilders.
	Oil Pump	Genuine Carlyle compressors are equipped with high flow oil pumps, which provide increased lubrication and operate at higher oil pressures. These pumps can also be used with POE and Alkylbenzene oils which make it possible to use HFC refrigerants in Carlyle compressors.	Carlyle does not sell factory qualified high flow oil pumps to rebuilders.
System Reliability	Highest Available EER	Genuine Carlyle compressors are built to the highest efficiency standards in the industry. Efficiency is produced by the combination of Genuine Carlyle valve systems, running gear, and motors.	Carlyle does not sell replacement valve plates or motors to rebuilders, and Carlyle does not share proprietary machining and manufacturing details used in the production of these parts.
	Highest Quality Standard	Genuine Carlyle compressors are remanufactured to the current original equipment manufacturing or OEM standards. Tens of thousands of Carlyle compressors are remanufactured in the same plant by the same craftsmen that manufacture new Carlyle OEM compressors.	Carlyle does not share manufacturing or design standards with rebuilders, and no rebuilder in the world rebuilds as many compressors as Carlyle.
	Carrier Warranty	Genuine Carlyle compressors are backed by Carrier Corporation (Replacement Components), which warrants each remanufactured compressor to be free of manufacturing defects for a period of up to two years*.	Rebuilt compressors have no warranty assurance from Carrier Corporation.
Safety	UL Recognized	Genuine Carlyle compressors are UL recognized. Every Genuine Carlyle service compressor has been built to comply with internationally recognized safety standards, minimizing the risk of fire, electric shock, or other safety hazards. UL also conducts ongoing audits at the Carlyle facility, ensuring the highest quality for the compressor. 	Rebuilt compressors may not have UL recognition. Use of these compressors in Carrier equipment will not maintain the UL rating of the equipment.

*Depending on model and A/C application. See your Carlyle distributor for complete details.



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