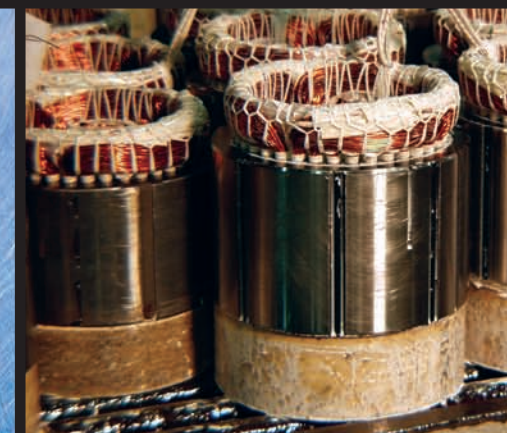




Build your reputation on our reliability.™

There's Only One Name You Should Build *Your Reputation On. Carlyle.*

Performance and reliability are assured only in a *genuine* Carlyle remanufactured compressor.

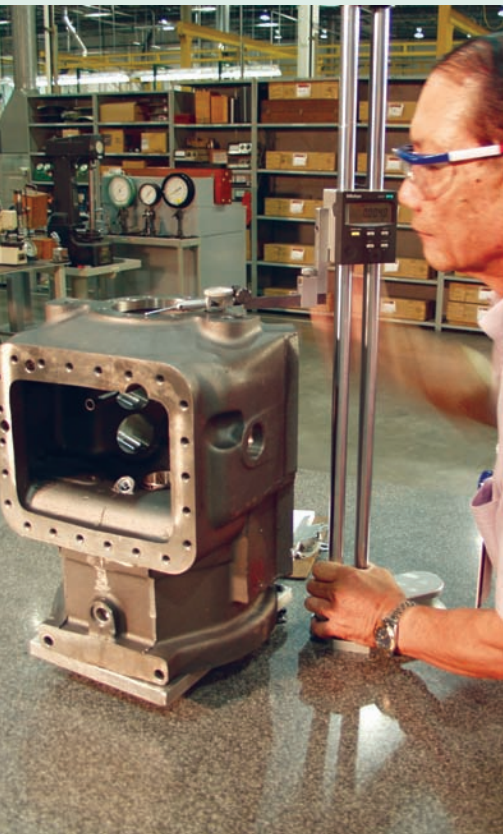
A remanufactured compressor by any other name is just that: a remanufactured compressor. If you're not using a Genuine Carlyle Remanufactured Compressor, you're taking a risk with both reliability *and* performance.

Carlyle uses sophisticated technology, experience and rigid testing standards to give you remanufactured compressors that meet current engineering specifications for optimum reliability and performance. The result is every genuine Carlyle remanufactured compressor operates good as new so you don't have to worry about failures or costly customer callbacks.

If you want a remanufactured compressor that reflects well on you—and one that your customers will appreciate for its reliability and performance—select Carlyle. It's the *genuine* remanufactured compressor.

Giving new life to the world's most reliable compressors.

Carlyle's state-of-the-art Stone Mountain facility, 16 miles east of Atlanta, GA, sets a standard of compressor remanufacturing few can match. Here, over 300 skilled men and women use sophisticated technology, experience and rigid testing standards to transform returned Carlyle compressors back into good-as-new performance and reliability.



If It Doesn't Say *Genuine Carlyle* *Remanufactured Compressors* — It's Not.

Only our seal of approval ensures good-as-new quality *and* performance.

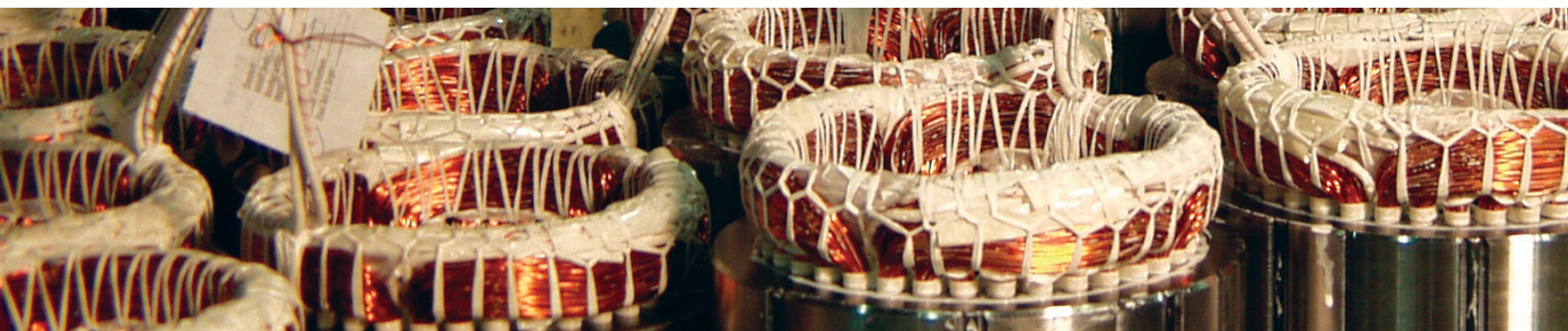
Carlyle remanufactured compressors are remanufactured—not rebuilt or repaired and repainted like most others.

Those others won't be built to Carlyle's quality standards. Because before a remanufactured compressor can even bear our seal of approval, we tear it down to its smallest component parts and compare them to strict engineering standards and the latest technical advances at our state-of-the-art Stone Mountain facility.



Even if it's not broken, we fix it. In fact, we throw out millions of parts that others might consider *useable*. Why? Because we are committed to remanufacturing compressors that go beyond their original specifications to meet current engineering standards that ensure their reliability and performance.

To ensure you're getting good as new quality and performance, look for the *Genuine Carlyle Remanufactured Compressors* seal of approval.



Carlyle's Sophisticated Remanufacturing Process.



Disassembly/Warranty Inspection

At disassembly, all critical wearing parts are discarded as scrap. All gaskets fall into this category, as well as bearings, piston rings, suction and discharge valves, wrist pin snap rings and the nameplate.

Cleaning

The crankcase and all parts are put through environmentally safe multistage cleaning processes to remove dirt, foreign material and passageway obstructions, and then are inspected for cleanliness.

Crankcase Inspection

Crankcases are visually inspected for integrity of gasket surfaces and threaded holes. All cylinder bores are dimensionally inspected to stringent Carlyle specifications using precision air gaging with an accuracy of .00005 inch.

Crankcase Upgrade

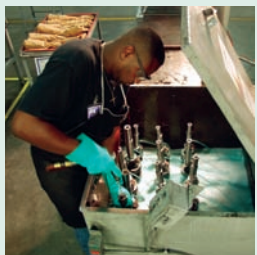
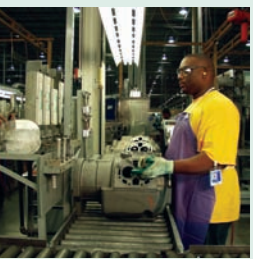
Cylinder walls that do not meet Carlyle's rigorous specifications are marked for remachining. The crankcase is then rechecked to verify that it is compliant.

Crankshaft Upgrade

Crankshaft rod journals and bearing surfaces are polished using fine grit emery belts and then gauged to ensure compliance with Carlyle dimensional specifications. Oil passages are brushed and cleaned in a power flush system. In the final step, crankshafts are blown clean using dry compressed air and wrapped in moistureproof paper.

Valve Plate Upgrade

All valve plates are reground and measured to make sure they meet Carlyle specifications.





Rod and Piston Upgrade

Rods and pistons are visually inspected for physical damage and processed to remove minor burrs. Wrist pin holes and crankshaft bores are checked using precision air gaging to ensure proper sizing and compliance with Carlyle dimensional specifications.

Oil Pump Upgrade

Oil pump rotor, bearing and vane diameters are dimensionally inspected using precision air gauging. Then the pumps are reassembled and functionally tested to ensure compliance with Carlyle specifications for flow, oil pressure and watts.

Motor Rewind Shop

Stators are rewound, varnish dipped and electronically tested to specifications that meet or exceed original UL standards to ensure the highest level of quality, performance and reliability.

Quality Auditor

Each work day, a full-time auditor inspects five randomly selected finished compressors.

Compressor Assembly

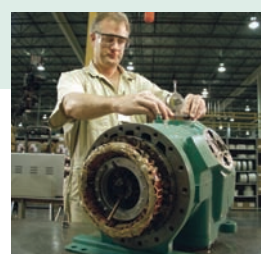
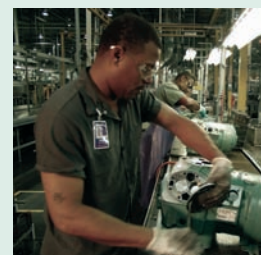
In the final operation, the highly experienced technicians carefully assemble the remanufactured compressor. New bearings are installed, rod and pistons are connected to the crankshaft, the stator is inserted in the crankcase and the rotor is precisely aligned into it. Valve plates and cylinder heads are added and wiring is completed.

Compressor Testing

All remanufactured compressors are load tested to criteria that verify performance by measuring flow, loaded amp draw and oil pressure. Each compressor undergoes submerge as well as helium leak tests to verify the integrity of its pressure enclosure.

Painting

Compressors are painted using an electrostatic paint process that ensures even and complete paint coverage, avoiding unsightly irregularities on the finished compressor.



UL Recognition—Safety And Protection For You.

What does the UL seal of approval found on the side of your *Genuine* Carlyle Remanufactured Compressor mean for you? It means that every remanufactured compressor has been built to comply with internationally recognized safety standards, minimizing risk of fire, electric shock or other hazards.

UL recognition is only granted following the most thorough investigation and testing.

- Calibration dates are verified for all electrical and pressure test equipment.
- Annual hydrostatic pressure testing of crankcases and cylinder heads—5 times the normal factory test specification—is conducted to protect against bursting under the most strenuous operating conditions.
- Wiring diagram and electrical installation instructions are verified.
- UL verifies that the electrical enclosures are protected against corrosion.
- Motors are thoroughly inspected to make sure winding insulation is acceptable for the application voltages, temperatures encountered and oil and refrigerant compatibility.
- Field-wiring connections provided on the compressor for power supply, control wiring or equipment grounding are proven to meet the appropriate electrical codes.

UL also conducts ongoing, unannounced audits at our Stone Mountain, GA, facility four times a year. This ensures that each and every *Genuine* Carlyle Remanufactured Compressor meets everyone's standard of quality. Theirs. Ours—and most importantly, yours.



Think Safety.

Don't take the risk of using a non-UL recognized compressor. This could result in the violation of local or state electrical codes and invalidate the original UL listing for the entire air conditioning or refrigeration system.

How Carlyle Remans Match Up.

	Carlyle	Others
UL recognized?		No
Completely remanufactured to current OEM specifications?		No
Use of latest design specifications and genuine parts?		No
Replace all critical-wearing components?		?
Cylinder walls re honed, crankshaft remachined and polished?		No
Cylinder and rod bores measured with highly sensitive air gauge?		No
Product quality audited daily?		No
All compressors are 100% run-tested under load?		?
Backed by Carlyle Compressor service and warranty programs?		No

For more information about *genuine* Carlyle remanufactured compressors, or to find a distributor in your area, please call 1-800-GO-CARLYLE or visit us online at www.carlylecompressor.com.

					R-22	
06D					CAPACITY (000 BTUH)	
					AIR COOLED	WATER COOLED
					45° SST 130° SCT 0° SC	40° SST 105° SCT 0° SC
MODEL NO.	NOMINAL HP	NO. OF CYL.	CFM@1750 RPM	SUCTION TEMP. RANGE (°F)		
06DM808	3	2	8.0	-10 to 50	36.7	39.8
06D()313	5	4	13.1	-10 to 50	56.9	62.7
06D()818	6.5	4	18.3	-10 to 50	83.3	91.0
06D()724/725	6.5	6	23.9	-10 to 50	—	122.6
06D()824/825	8	6	23.9	-10 to 50	106.5	117.3
06D()328	10	6	28.0	-10 to 50	128.7	140.0
06D()337	10	6	37.1	-10 to 50	—	185.6
06D()537	15	6	37.1	-10 to 50	175.4	191.3

					R-22	
06E					CAPACITY (000 BTUH)	
					AIR COOLED	WATER COOLED
					45° SST 130° SCT 0° SC	40° SST 105° SCT 0° SC
MODEL NO.	NOMINAL HP	NO. OF CYL.	CFM@1750 RPM	SUCTION TEMP. RANGE (°F)		
06E()150	15	4	50.3	-10 to 50	—	245.8
06E()250	20	4	50.3	-10 to 50	223.3	247.0
06E()265	25	6	65.0	-10 to 50	300.3	334.7
06E()266	25	4	66.0	-10 to 50	290.0	302.6
06E()175	25	6	75.4	-10 to 50	—	364.3
06E()275	30	6	75.4	-10 to 50	332.8	363.0
06E()199	35	6	99.0	-10 to 50	—	469.7
06E()299	40	6	99.0	-10 to 50	437.9	476.3

5F, H															
MODEL NO.	NOMINAL HORSEPOWER			NO. OF CYL.	BORE (IN.)	STROKE (IN.)	CFM @ 1750 RPM	RATINGS IN TONS			MIN. SPEED FOR UNLOADER OPERATION	OIL CHG. (PINTS)	SUCT. LINE ODF (IN.)	DISCH. LINE ODF (IN.)	COMP. WT. (LB.)
	R-12/134a	R-22	R-502/404a					R-12	R-22	R-502					
5F20	5	10	10	2	2½	2	19.8	5.18	8.46	8.85	600	5	1⅛	7⁄8	175
5F30	7½	15	15	3	2½	2	29.8	7.76	12.7	13.2	700	5½	1⅝	1⅜	215
5F40	10	20	20	4	2½	2	39.8	10.5	16.8	17.7	800	12	1⅝	1⅜	355
5F60	15	25	25	6	2½	2	59.6	15.7	25.3	26.5	900	13	2⅛	1⅝	400
5H40	25	40	40	4	3¼	2¾	92.4	24.7	39.6	40.5	800	18	2⅝	2⅞	610
5H46	40	60	60	4	3¼	3⅞	115.5	30.6	49.1	50.2	800	18	2⅝	2⅞	610
5H60	40	60	60	6	3¼	2¾	138.4	37.0	59.4	60.9	900	21	3⅛	3⅞	795
5H66	50	75	75	6	3¼	3⅞	173.0	45.9	73.8	75.4	900	21	3⅛	3⅞	795
5H80	50	75	75	8	3¼	2¾	184.7	49.4	79.2	81.2	1100	41	3⅛	3⅞	1115
5H86	75	100	100	8	3¼	3⅞	231.0	61.1	98.2	100.7	1100	41	3⅛	3⅞	1115
5H120	75	125	125	12	3¼	2¾	276.0	74.0	119.0	122.0	900	61	4⅛	4⅞	1580
5H126	100	150	150	12	3¼	3⅞	346.0	91.8	145.0	151.2	900	61	4⅛	4⅞	1580

CFM = Cubic Feet Per Minute, SST = Saturated Suction Temperature, SCT = Saturated Condensing Temperature, SC = Sub Cooling