

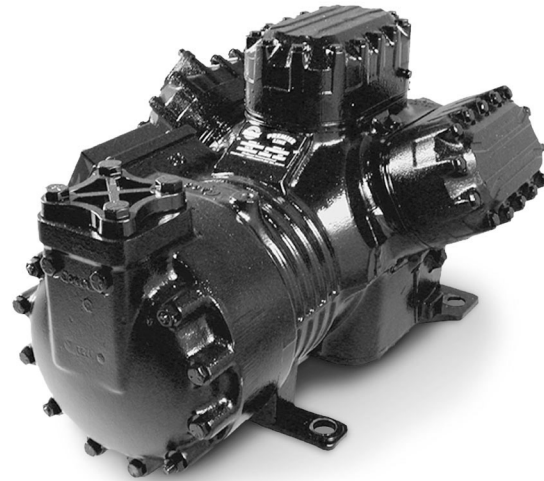
Choose McQuay Premier™ Remanufactured Compressors for Reliable Performance and Quick Availability

McQuay Premier semi-hermetic compressors are remanufactured and tested to stringent performance standards to help extend operating expectancy and improve system reliability. With our extensive inventory and competitive pricing, your customers can reduce their downtime and minimize the effects on their bottom line.

Exclusive Reliability Advantages

Our remanufactured compressor performance equals or surpasses that of its new model. After a comprehensive assessment of all compressor components during disassembly, we replace all components that do not meet strict quality specifications. In addition, McQuay offers features other remanufacturers and rebuilders don't.

- Patented, positive seal at start-up, exclusive to McQuay
- Remanufactured in an ISO-certified facility
- One-year material and workmanship limited warranty (call McQuay distributor for warranty details) with a 90-day labor allowance (at no additional cost)
- Thorough remanufacturing analysis and performance testing certification
- Detailed analysis of the reason the previous compressor failed in order to help avoid future HVAC system problems resulting from similar operating conditions



McQuay Premier Semi-hermetic Remanufactured Compressor

Extensive Inventory and Quick Delivery

McQuay maintains a large inventory of Premier compressors ready for immediate shipment in our central warehouse in Dayton, Ohio. Custom orders can often be turned around in less than three business days.

During the re-installation process, our staff engineers can help answer your questions. This support means you can count on McQuay Premier Compressors to provide unbeatable customer satisfaction.

FEATURE COMPARISON	Rebuilder	Remanufacturer	McQuay Premier Reman
• Superior sealing, patented valve plate design & gasket technology	No	No	Yes
• ISO 9001/2000 and 14001 Certification	No	No	Yes
• Standard 1-year warranty with 90-day labor allowance & optional 5-year warranty	No	No	Yes
• Extensive individual testing & certification	No	No	Yes
• Comprehensive tear-down report & troubleshooting report	No	No	Yes

Call your McQuay distributor when you need a reliable replacement compressor fast.

Visit www.mcquay.com to find the McQuay Parts Distributor near you.



Optimize Your Compressor Investment

Remanufactured compressors are a significant investment. Operation and equipment life expectancy can be greatly affected by system factors such as contaminants in the refrigerant circuit, oil and/or air stream, systems-related problems, or other failed or failing components such as motor controls.

You can help protect your compressor system investment by analyzing and replacing important components that contribute to operating performance and reliability. We perform a failure analysis on 100% of incoming compressor cores. You can view a description of this analysis, as well as a sample forensic failure analysis report, on www.compressorforensics.com.

Compressor Forensic Teardown Analysis														
Incoming Model No. IMN		8DS1-0000-FSD												
Incoming Serial No. ISN		LT95A01868Site												
Return Material Authorization RMA		150019Site												
Internet Reference		8DS18Site(Beta-1a).pdf												
Failure Root Cause Code RC		M4HD059ZG27												
1	Failure Type	Mechanical												
2	Root Cause	Flooded Starts												
<p>Condition: Note Mechanical and Compression Components below.</p> <p>Causes: Refrigerant migration to the crankcase during the off-cycle, resulting in erratic wear or seizure of load bearing surfaces.</p> <p>System Checks & Corrections:</p> <ul style="list-style-type: none"> >> Check pump-down cycle controls and integrity. >> Check crankcase heater, but do not rely on it for system correction. 														
3	Electrical Components	<table border="1"> <tr><td>Terminal Plate</td><td>Ok</td></tr> <tr><td>Internal Connections/Wiring</td><td>Burned</td></tr> <tr><td>Rotor</td><td>Scored</td></tr> <tr><td>Stator</td><td>Burned</td></tr> </table>	Terminal Plate	Ok	Internal Connections/Wiring	Burned	Rotor	Scored	Stator	Burned				
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4	Compression Components	<table border="1"> <tr><td>Suction Valves</td><td>Ok</td></tr> <tr><td>Discharge Valves</td><td>Ok</td></tr> <tr><td>Pistons</td><td>Scored or fractured, one or more</td></tr> <tr><td>Rings</td><td>Excessive wear or fractured one or more</td></tr> </table>	Suction Valves	Ok	Discharge Valves	Ok	Pistons	Scored or fractured, one or more	Rings	Excessive wear or fractured one or more				
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5	Mechanical Components	<table border="1"> <tr><td>Oil Pump</td><td>Ok</td></tr> <tr><td>Main Bearings</td><td>Scored</td></tr> <tr><td>Crankshaft</td><td>Scored</td></tr> <tr><td>Rods</td><td>Broken</td></tr> <tr><td>Thrust Bearings</td><td>Scored</td></tr> <tr><td>Check Valves</td><td>Ok</td></tr> </table>	Oil Pump	Ok	Main Bearings	Scored	Crankshaft	Scored	Rods	Broken	Thrust Bearings	Scored	Check Valves	Ok
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Sample Compressor Forensic Teardown Report

To reduce the possibility of compressor failure, consider replacing or adding the following components during the remanufactured compressor installation process.

Recommended Part	Reason for Replacement/Addition
All Filter Driers (Cores)	Cleans residuals from refrigerant
LiquidLine Filter Driers (Cores)	Cleans residuals from refrigerant
Suction Line Filter	Cleans residuals from refrigerant
Contactors	Helps avoid single phase motor burn
Crankcase Heater	Helps avoid risk of oil stratification
Motor Protector	Protects motor from overheating
Oil (if acidic after burnout)	Removes acid from entire circuit
Additional Components	Contact McQuay Parts Engineering



Note: Recommended practices for cleaning refrigeration systems and cleanup after motor burnout are provided with every McQuay Premier compressor.