

Copeland™ Certified Compressors



Blue Ribbon service replacement compressors built to OEM standards



- NEW bearings
- NEW piston-rod assemblies
- NEW oil pick-up tubes
- NEW seals and gaskets
- NEW valve plate components
- Daily compressor audits

Benefits

- Reduced compressor failures
- Reduced maintenance costs and down time
- Meets all safety regulations, providing peace of mind
- Helps protect your reputation
- UL® recognized



Find compressors, parts and other information with our Copeland Mobile app



Why you should choose Copeland certified remanufactured service compressors

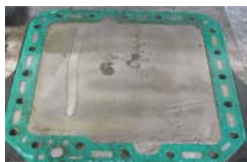
Rebuilder



- Worn bearings result in lower net oil pressure
- Eroded Teflon surface accelerates wear under liquid floodback conditions



- Old style floating Reed valve plate
- Minimal compatibility with HFC refrigerants due to reed wear issues
- Valve plate likely re-used 'as-is', resulting in lower capacity and efficiency



- Bottom plate not properly cleaned - heavy residue and debris on plate surface

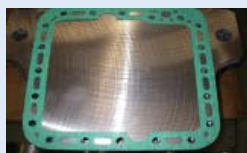
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- Emerson replaces all Discus DU bearings with new bearings



- Latest Delta Reed design valve plate
- Compatible with all refrigerants
- Superior flooded start (liquid slugging) capability



- Properly cleaned bottom plate - no contamination from particulates

Rebuilder



- Pistons re-used
- Heavy scoring and wear on piston skirt



- Cylinders not machined - glazing (wear) is evident
- Loss of oil retention due to lack of cross hatch on cylinder walls
- Accelerated wear likely, leading to loss of performance as a result of blow by

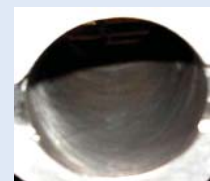


- Connecting rods re-used
- Scoring and wear on rod bearing surface
- Wear contributes to lower net oil pressure

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- Emerson does not re-use pistons - only new pistons and rings are used in assembly



- Cylinders properly machined and honed
- Optimum oil retention and performance assured



- Connecting rods are never re-used - only new components are used in remanufacturing process

More reasons to choose Copeland certified

- All compressors remanufactured to current Copeland OEM specifications
- All compressors remanufactured to meet all safety regulations (ULC recognized)
- Over 800 Copeland Authorized Wholesalers in North America
- Over 80 Copeland Authorized Wholesalers in Canada
- Training available for Copeland products by Emerson certified instructors