LG Business Solutions

RELIABLE ROTARY RESTARTS? ROGER THAT.

INTRODUCING THE NEW LG UNIROTARY™ COMPRESSOR FOR UNITARY APPLICATIONS

LG Business Solutions

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LG.com/global/business/compressor-motor

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LG UniRotary™ Compressor

The Problem
Rotary compressors typically do not offer the durability required for unitary applications. Harsh restarts take a toll on their motors, leading to high failure rates. LG understands that though rotary compressors may cost less, you may hesitate to use them for unitary applications.

The Solution
Introducing the new LG UniRotary™ Compressor, designed for reliable performance in split and packaged system unitary applications.

Reliable Restarts. Increased Durability.

LG's innovative technology boasts new features that allow for reliable restarts and exceptional durability not previously thought possible for rotary compressor usage in unitary applications.

Patented Discharge Check Valve
Increases efficiency by managing refrigerant in the system's high side during off cycles. Avoids refilling the liquid column with every start.

Patented Restarting Solenoid Valve
Mechanically equalizes pressure between the compressor shell and the system's low side for a smooth start with no harsh impact on the motor and minimal delay time for restarts.

Optimized Overload Protector
Serves applications requiring a 1.5-2.5 ton capacity.

Benefits of LG UniRotary™ Compressor

- Starts under a system load without the aid of an electrical capacitor, which protects the unit from damage and promotes overall reliability

- Well exceeds requirements to pass OEM Season Extreme Environmental Test (SEET) Accelerated Life Test

- Provides a 24-30% cost savings for the manufacturer by using fewer specified parts than a scroll compressor

- Can be swapped out, one for one, in locations where scroll compressors were previously used