

COPELAND SCROLL™ COMPRESSORS

Chlorine-Free Climate Control



COPELAND SCROLL R-410A COMPRESSORS

Copeland has always been at the forefront of new developments in the HVAC industry. Over eight years ago, we began producing a line of R-410A scroll compressors that meet the stricter environmental safety guidelines for future air conditioning systems. R-410A is the most cost-effective long-term replacement for HCFC refrigerants in residential and commercial systems up to 100 tons.



No Substitute for Experience

Copeland has decades of experience working with alternative refrigerants and polyol ester oils. And no other manufacturer can match our experience when it comes to compressors using R-410A refrigerant. We were the first to build R-410A scroll units, and we're currently the only company to offer a full line of R-410A-compatible scroll products. Our installed base of one million compressors is industry leading, which means we've accumulated thousands of hours more testing time and over eight years of proven field reliability.

More Reliable, More Efficient and Quieter

Field experience with millions of installations worldwide has proved conclusively that robust Copeland Scroll™

compressors are inherently more reliable than reciprocating compressors in even the harshest environments. And data from thousands of installed R-410A compressors has shown these products are both more efficient and up to three times quieter than reciprocating models. They're your best choice for your most demanding customers.

Preferred by Contractors

Our studies have shown that contractors who have sold R-410A units prefer them

four to one over R-22 systems. Thirty percent say it's an easier sale. Twenty percent say it's a more profitable sale. And, just as important, 72% say it's had a positive impact on their reputation.

Copeland pioneered the practical use of scroll technology in commercial and residential air conditioning systems. Today, we manufacture scroll compressors in nine plants on three continents.

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There are over 30 million Copeland Scroll compressors in use around the world, which reflects our commitment to delivering products that not only meet or exceed today's performance requirements but also provide environmentally sound solutions for the future.

SOUND LEVELS

It takes three scroll compressors to reach the sound level of one recip compressor.

Copeland Scroll R-410A Models

Displacement	Single phase	Three phase
16K	✓	
20K	✓	
23K	✓	✓
26K	✓	✓
32K	✓	✓
36K	✓	✓
38K	✓	✓
41K	✓	✓
44K	✓	
50K	✓	✓
54K	✓	✓

Displacement	Single phase	Three phase
57K	✓	✓
67K		2004
83K		2004
90K		✓
103K		✓
120K		✓
137K		✓
180K		✓
235K		✓
285K		✓

