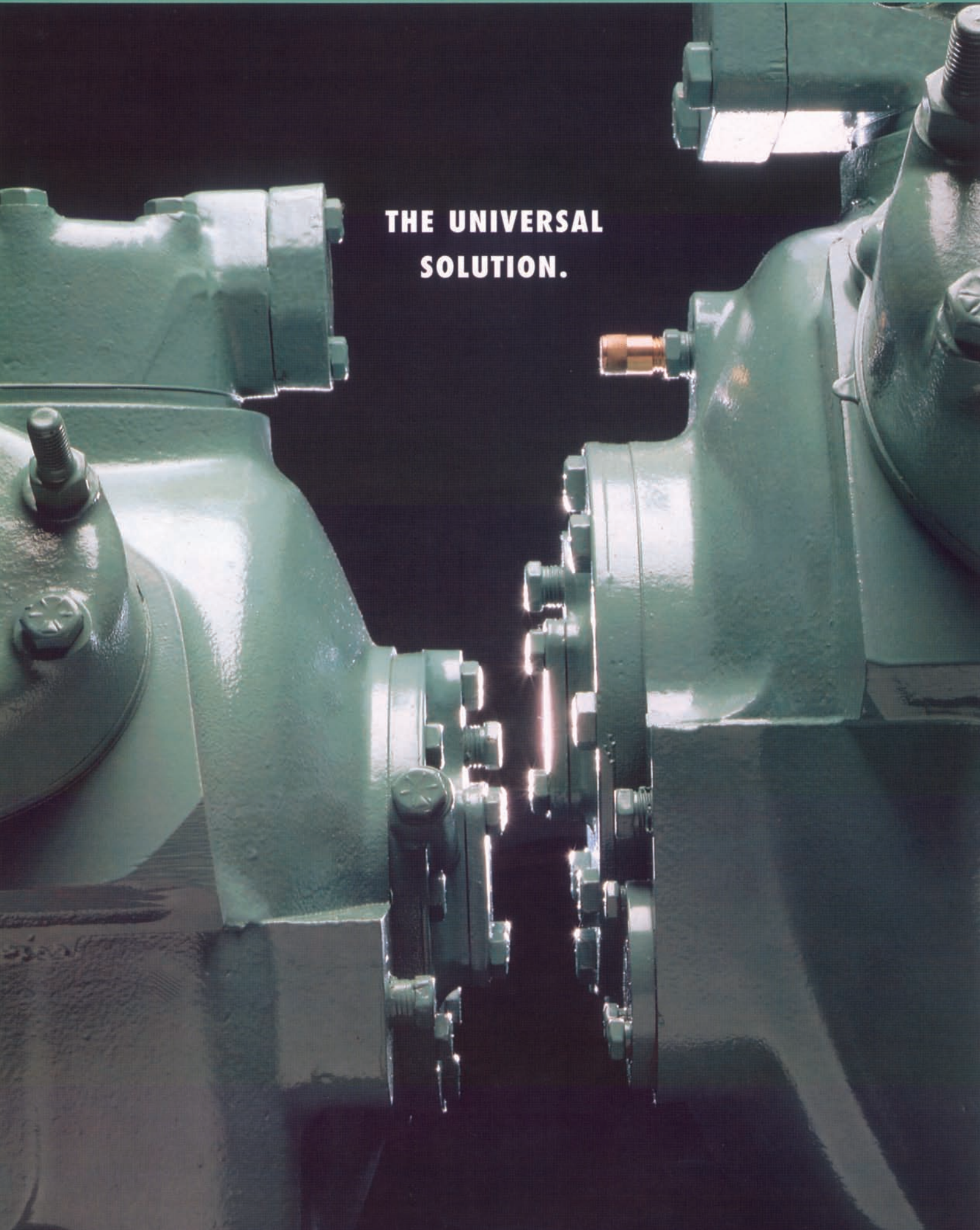


**THE UNIVERSAL  
SOLUTION.**



## NEW IMPROVEMENTS GIVE YOU SUPERIOR PERFORMANCE.

Today's new environmentally mandated refrigerants have prompted a new round of refinements to Carlyle's single stage compressors. As a result of all the improvements we've made, you can count on more efficient, reliable and flexible performance for many years to come — even with alternative refrigerants.

### **We've changed the specs, but not your expectations.**

For more than three decades, our famous 06D and 06E semi-hermetic compressors have enjoyed an industry-wide record for efficiency and dependability. Today, after years of tough, reliable service, they're still the best in the business. Some of our recently added performance-enhancing features include:

- *Discharge valves that reduce mechanical valve stress.*
- *Ultimate refrigerant flexibility.*

*-Carlyle's high flow oil pump increases oil flow for improved lubrication even during floodback situations. It also builds oil pressure faster to eliminate nuisance oil tripping when excessive refrigerant is in the crankcase.*

*-The new crankcase venting system allows liquid in the oil sump to escape quickly during startup.*

*-Systems currently using CFCs can be changed out to an alternative refrigerant without sacrificing system efficiency and reliability — lowering your initial unit cost.*

*-The crankcase venting system and high flow oil pump improvements are compatible with CFCs, HCFCs and HFCs.*

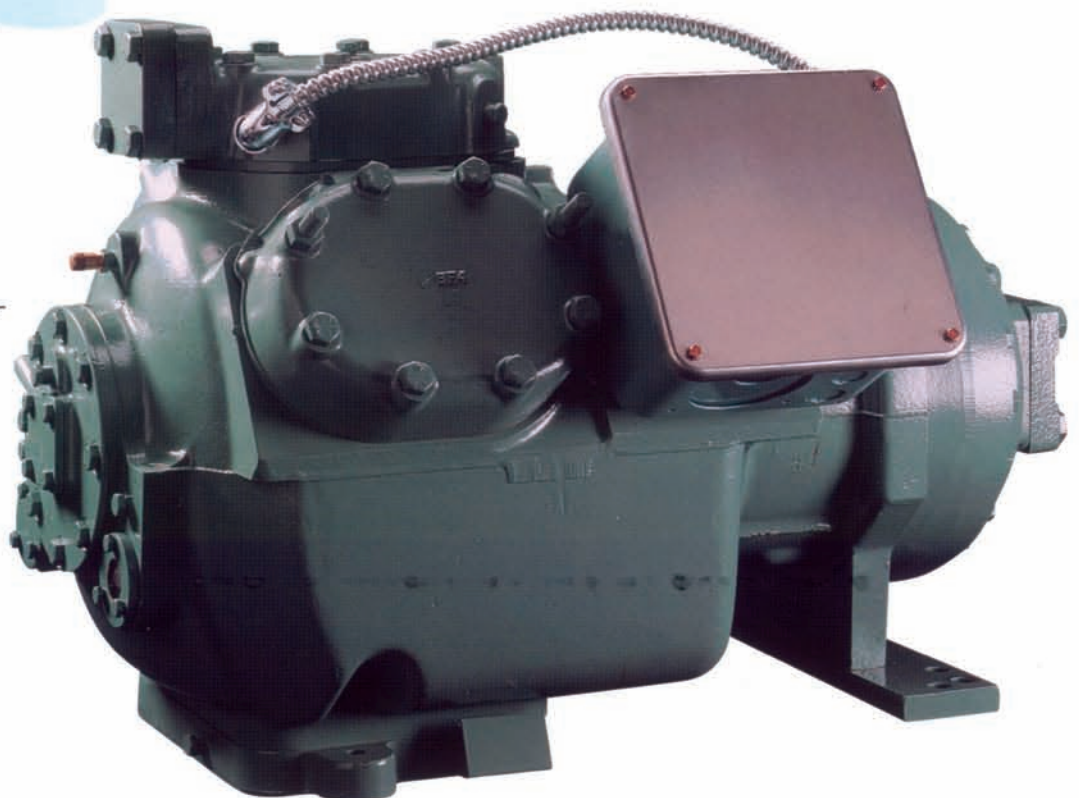
*-Oil-less compressors are now available, yielding maximum flexibility with refrigerant and oil combinations.*

*• Due to significantly lower discharge temperatures than R-22, no liquid injection is required when using new alternative refrigerants like R-404A and R-507. A cylinder head cooling fan is only required for saturated suction temperatures below -25°F (-32°C).*

- *All Carlyle 06D and 06E single stage compressors are compatible with speed control.*

### **Retrofit-Ability.**

When it comes to retrofitting, we've made it easier than ever: Our unique, high-reliability suction and discharge valve system is interchangeable with almost every Carlyle compressor in the field today. Plus, with only four service valve plate assemblies that fit all 06D and 06E compressors, retrofitting is much more convenient.



### **High-quality, low price.**

With Carlyle's 06D and 06E single stage compressors, you know you're getting the most for your money — because you're getting the most that a compressor can possibly give you: High efficiency. Low operating costs. An optional capacity control system. And, of course, Carlyle's world-famous reliability.

### **Suction cutoff option optimizes performance and cost.**

With each of our four- and six-cylinder compressors, you can choose to add a suction cutoff unloading capacity control system, which can be ordered as a factory-installed option. Our suction cutoff unloader offers reliable, low-temperature system operation, resulting in reduced wear and tear from cycling and better load matching capabilities. In short, you'll see greater cost efficiencies than ever before.



### **Additional features of 06D and 06E refrigeration compressors.**

- *High-flow, automatically reversible oil pump provides positive displacement oil lubrication.*
- *Crankcase venting system equalizes pressure during startup and assures oil return to sump.*
- *Oversize sump holds extra oil in crankcase to prevent levels dropping below safe lubrication range during flooded starts.*
- *Contoured pistons lower cylinder clearances to increase compressor capacity and efficiency.*
- *High-efficiency valves provide increased refrigerant flow and lower pressure drops.*
- *Electronic oil pressure switch.*

### **ISO 9002 Registration means unparalleled quality.**

When you're looking for quality,

look to Carlyle. We've



Carlyle Compressor Co.  
Registered to ISO 9002  
Certificate No. A2899

received ISO 9002

Registration by

Underwriters

Laboratories, Inc. to

manufacture open drive and semi-hermetic reciprocating compressors ranging in size from 5 to 120 tons of refrigeration capacity. That means we have a top quality system in place and will be continually working to improve it. So you can be assured you'll always be getting the highest quality compressors with Carlyle.

