

# Quality Compressors

*for Every Application*

ISO 9001:2015



**GAS** Compression  
Specialists  
Gas & Air Systems, Inc.

Depend  
on  
**GAS**

## *The Best Compression Solutions at the Best Value*

Wherever an industrial or process compressor is called for, call on *Gas & Air Systems*. We provide the widest range of quality industrial and process compressors from one of the most respected manufacturers in the world: Howden BC Compressors (formerly Burton Corblin). **GAS** offers technological advantages tailored to your application. We engineer, package, support and service the best compressors, offering the best solution at the best value.

Howden BC Process Gas Compressors incorporate over a century of design innovation. In fact, Burton Corblin invented the non-contaminating, leak-free metal diaphragm compressor!

Whether you require process gas compression for a chemical or refining application, Ultra-High Purity specialty gas compression, or an economical solution for industrial gas or high pressure breathing air cylinder filling, **GAS** is ready to provide a design that fits your need. There are few process applications we have not addressed, and our engineering resources are second to none.

**GAS** also offers a complete line of rugged, reliable reciprocating compressors, engineered for the most arduous industrial applications. Offering both lubricated and oil-free compressor designs, these packages provide flexible solutions to your standard or challenging industrial compression needs.



Evergreen CNG Systems, a division of Gas & Air Systems, provides CNG refueling stations





# Howden BC Compressors– Reliable Quality for the Widest Range of Applications

Howden BC Compressors (formerly Burton Corblin) is a leading global manufacturer of Process Piston and Metal Diaphragm Compressors.

## Process Compressor Packages








**GAS** engineers and builds process compressor packages to US, Canadian, and International standards, meeting your most exacting requirements. Process compressor packages can be equipped with condition monitoring and control systems, capacity control, pulsation suppression vessels, gas cooling, and other ancillary equipment. As members of the API 618 task force, we understand and address the globally recognized standard for Process Piston Compressors.

## Industrial Gas and Air Compressor Packages

Our industrial gas and breathing air compressor packages incorporate machinery monitoring and protective devices, efficient filtration systems, and advanced control systems. These compressor packages provide high reliability and durability in a complete, easy-to-install and operate system

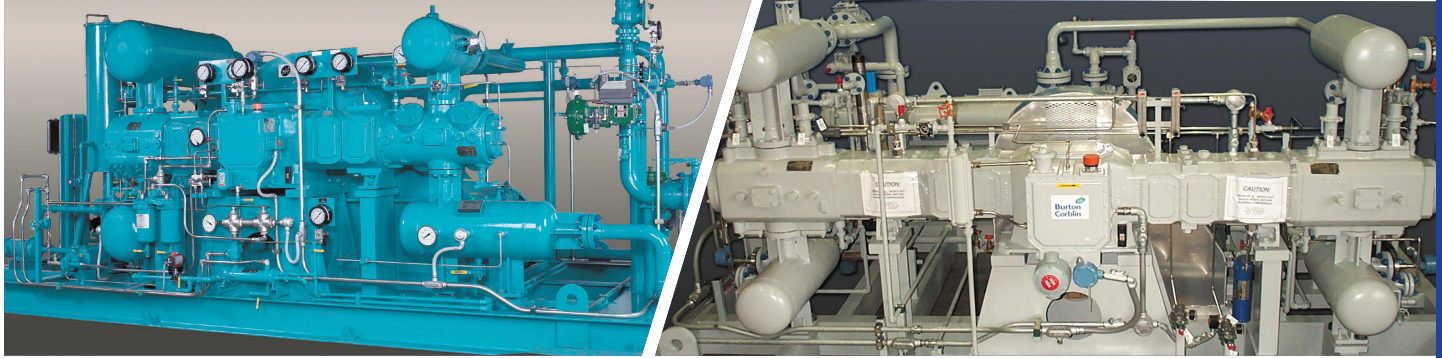
## Support

After the sale, you can count on **GAS** to support your investment with experienced, factory-trained engineers, and field service technicians. **GAS** maintains an extensive spare parts inventory.

	Reciprocating	Diaphragm	Periflow®
 <b>OIL AND GAS UPSTREAM</b>			
• Flare gas • Hydrocarbon vapor recovery	■		■
• Gas Drying (Natural gas, CO <sub>2</sub> )			
• Flash gas	■		
• GTL & CTL • Syngas make up & recycle • Compact GTL	■		
 <b>OIL AND GAS MIDSTREAM</b>			
• Natural gas boosting	■		■
• Gas turbine fuel gas boosting	■		■
• Gas drying • Separation • Decanting	■		■
• Gas offloading	■		
 <b>REFINERY</b>			
• Hydrotreating • H <sub>2</sub> production • H <sub>2</sub> process feed • H <sub>2</sub> rich gas	■	■	■
• Hydro-cracking • Isomerisation • Catalytic reforming	■		
• Sulphur recovery & Sulphur acid plant	■		
• Hydrodesulphurization (Oil free) • White oil unit			
• Flare gas recovery • Propane • Butane recovery	■	■	■
• Process gas make up & recycle			
• Utilities N <sub>2</sub> , Air • Turbine fuel gas • No flare	■	■	■
 <b>PETROCHEMICAL</b>			
• Benzene • Nylon	■		
• Process gas make up & recycle	■	■	■
• Butadiene • Ethylene • LDPE	■		
• BOG (Ethylene) • PDH	■	■	■
• PTA • HDPE • LLDPE • VCM • TDI • MDI • TDM...	■	■	■
• Ethylene • Phenols • Polypropylene • Polymerizing gas	■	■	■
• Utilities N <sub>2</sub> , Air • No flare	■	■	■
 <b>POWER GENERATION</b>			
• Vapor recovery	■		
• Radioactive gas leak recovery		■	
• Pressure testing	■	■	
• Gas turbine feed	■		■
• Fuel cell • Landfill gases • Bio gas	■	■	
 <b>CHEMICAL</b>			
• Fluorine process • Chemistry • Paints • Ammonia	■	■	■
• Pharmaceutical process		■	
• Research • Laboratories		■	
• Polysilicon for solar Industry	■	■	
 <b>INDUSTRIAL</b>			
• Industrial gases/cylinder filling • Specialty gases	■	■	
• Defense • Aerospace	■	■	■
• Glass furnace combustion	■	■	■
• Automotive • Air bag filling • Fuel tank manufacture		■	
• Hydrogen fuel cell			
• Pure breathing air for diving & toxic environments		■	■
• Food & drink • Bottling • CO <sub>2</sub> recovery	■	■	■
• Iron & steel • CO <sub>2</sub> Drying • Coke applications • Oven gas	■	■	■



# **GAS** Compressors- The Leading Choice for Dependable Operations



## **Gas & Air Systems**

*The Complete Compressor Company*

**GAS** compressor systems are applied in industries such as air separation plants, power stations, chemical and petrochemical plants, specialty and electronics gas production and compression, welding gas suppliers, industrial breathing air, industrial gas cylinder and trailer filling.

We also provide CNG refueling stations through our Evergreen Division built to strict industry and local standards.

In-house or on-site overhaul service is available to bring your existing compressor back to original specifications.

When budget or delivery time are tight, consider a high quality, **GAS** refurbished compressor package.

Contact **Gas & Air Systems** first.

We will help you determine the best compressor and package design for the job, engineer as required, and construct your compressor to the most exacting specifications... *YOURS!*

With delivery, we will work with you to assure a smooth product commissioning.

We will be continually available for any operational questions, new or replacement parts, and service. **GAS** is committed to customer satisfaction!

**GAS** *Compression  
Specialists*  
**Gas & Air Systems, Inc.**

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