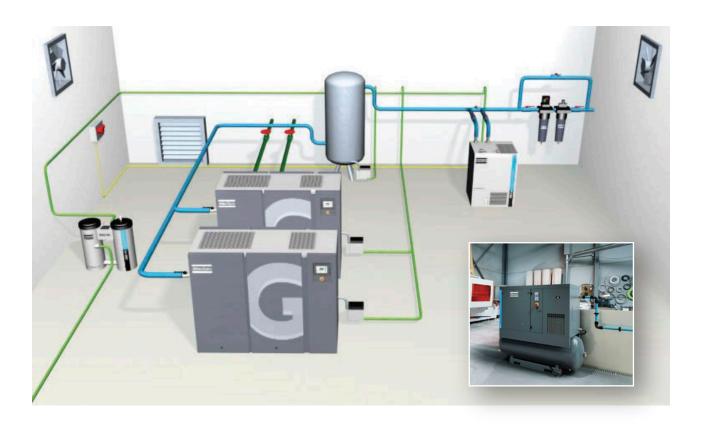
## **COMPRESSED AIR SOLUTIONS**



Atlas Copco offers a wide range of oil-injected compressors: from pistons over oil-injected screw compressors, from fixed speed compressors to superior variable speed drive technology.

They offer compressed air solutions for virtually every application and can deliver them, tailored to your exact needs. Their oil-injected compressors are the best choice for all industrial applications requiring high performance, best energy efficiency and premium reliability.

Compressors		Quality Air			Customer Care
Oil Free	Oil Flooded	Dryers	Filters	Other	Services
Piston	Piston	Adsorption	DD	AIRnet	Energy Audits
Rotary Screw	Rotary Screw	Refrigerant	DDp	EWDs	AirConnect
Tooth		Desiccant	PD	Separators	System Analysis
Centrifugal		Membrane	PDp	Aftercoolers	Preventative Maint
Scroll			QD	Receivers	
				Energy Recovery	





## **COMPRESSED AIR SOLUTIONS**



## The right product for the right application

**CR Series** 

- 5 15 hp Piston Compressors
- The perfect piston compressor for intermittent use, light industrial applications

**G** Series

- 7.5 50 hp Oil Injected Rotary Screw Compressors
- Silent power and simple reliability
- The power and reliability of a continuous use Screw Compressor for light and medium industry applications

GA, GA+ and GA VSD Series

- 7.5 40 hp Oil Injected Rotary Screw Compressors
- State of the art Elektronikon® controls
- Choice of fixed speed drive or a variable speed drive
- The high performance tank mounted workshop solution (GA)
- The WorkPlace Air System with the benefits of advanced technology & all-in-one integration for the highest quality air (GA+)

## **CR SERIES**

#### **CAST IRON PISTON COMPRESSORS**



More dependable than ever with tailored options for all contractor, professional and industrial applications, Atlas Copco is pleased to introduce the newly designed CR Cast Iron Piston Compressor Series. The CR range delivers a champion combination of outstanding reliability matched with robust performance, even in the most demanding conditions for a dependable piston you can count on.

Capitalizing on heavy-duty cast iron construction and a combination of computer-aided design with controlled machining processes, the new CR Single-Stage and Two-Stage Compressors deliver up to 175 psig with 24/7 reliability. We back this up with our bumper to bumper warranty packages and have options for a 5-year extended warranty depending on the model chosen.

## **The CR Professional Series**

A reliable electric compressor for rugged, stationary use.

• 5-20HP/135-175 psi

#### **The CR Contractor Series**

A premium compressor at the lowest capital cost for point of use applications.

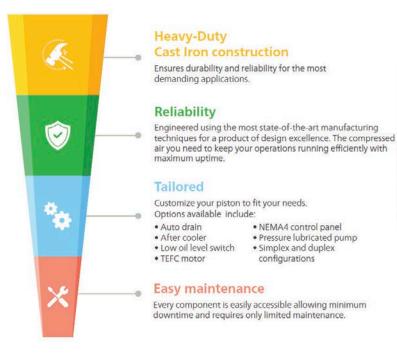
• 2-5.5HP/135 psi

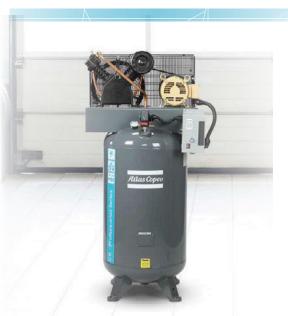
#### **The CR Industrial Series**

The most reliable piston air compressor customizable to you.

• 5-20HP/135-175 psi

## A 60 second guide to the piston that sets the bar high





## **G SERIES**

## **OIL INJECTED ROTARY SCREW COMPRESSORS**





## **▼** Built-in reliability

- Atlas Copco's patented rotary screw element allows for continuous operation.
- The complete unit is designed to run reliably at ambient temperatures of up to 46°C/I 15°F.

## **▼** Top performance

- Silent operation thanks to belt-driven element.
- Full feautre version available with integrated refrigerant dryer and filters

# The ideal small business compressor

Atlas Copco compressors are legendary for their reliability and efficiency. That is why our G Series has long been the preferred air solution for small and medium-sized businesses. The G 2-7, the G 7L-15 and the G 15L-22 simply check all the boxes.

## **▼** Easy installation & maintenance

- Available in multiple configurations including floor or tank-mounted and with or without integrated dryer.
- Extremely small footprint and cooling air discharge from the top allow for placement against a wall or even in a corner.
- Main components, oil separator and filter are easily accessible.

## ▼ Robust and efficient compression element

Atlas Copco's trusted rotary screw element offers high free air delivery and supreme reliability.

G 2-7 Series

Compact and efficient



<u>G 7L-15 Series</u> Industry-leading performance



<u>G 15L-22 Series</u> The robust, economical compressor



## GA and GA+ SERIES

## **OIL INJECTED ROTARY SCREW COMPRESSORS**





### The ultimate smart solution, driven by efficiency

Atlas Copco's GA compressors bring you outstanding sustainability, reliability and performance, while minimizing the total cost of ownership.

A choice of three premium compressor types (GA VSD+,GA+ and GA) provides you with the compressed air solution that perfectly matches your requirements with clear value propositions. Built to perform even in the harshest environments, these compressors keep your production running efficiently.

## **GA Series** - Premium Compressor

- High performance Free Air Delivery
- Premium quality at the lowest initial investment
- Integrated refrigerant dryer
- Elektronikon® Touch or Swipe controller



## GA+ Series - Industry-leading performance

- Best-in-class Free Air Delivery
- Lowest energy consumption for applications with a stable air demand
- Low noise emission suitable for workplace installation
- · Integrated refrigerant dryer
- Elektronikon® Touch controller







## **GA VSD SERIES**

### THE COMPRESSOR FOR A NEW GENERATION

Atlas Copco's first-generation Variable Speed Drive Compressors gave you up to 35% energy savings. Our VSD+ achieved 50%. Now, the GA VSDs raises the bar once again with energy savings of up to 60%. This is the new GA 5-37 VSDs, developed and built for a generation that wants it all.

### Sustainability

- Double-digit reductions in energy use lower your emissions considerably
- · Limited use of rare earth materials

#### **Savings**

- Reduced energy consumption by up to 60% (compared to our GA fixed-speed models)
- Additional energy savings with up to 80% heat recovery

#### **Strong Performance**

- 20% Free Air Delivery (FAD) increase on average compared to our GA fixed-speed units
- FA5R motor equals IE5 standards
- Inverter and motor exceel IES2 (IN50598) requirements, matching the highest ratings

#### **Smart Features**

- Smart Temperature Control System ensures optimal oil temperature and injection
- Boost Flow Mode allows you to temporarily exceed maximum compressor capacity
- Intelligent drains limit energy use and service intervals

#### **Superior Connectivity**

- · Advanced Elektronikon® Touch Controller
- SMARTLINK real-time, remote monitoring and optimization
- EQ2i multiple compressor control
- OPC UA available for production system integration



### **Small & Silent**

- Sound levels as low as 62 dB allow for placement on your production floor
- Extremely small footprint ensures easy, flexible installation
- An innovative side-mounted 200litre vessel provides air storage while keeping the compressor's footprint very compact (GA5-11 VSDs)



How we create superior customer value whilst contributing to society and environment

Atlas Copco pioneered the VSD in 1994. and the VSD+ sets the new benchmark

## **Proven reliability**

- Endurance units running since 2009:
  - More than 25 endurance units running before launching
  - Units with > 120,000 starts/stops
  - Units with > 20,000 running hours
- IP66 Drive train, Deep oil-cooled top motor bearing

### **Industry-leading performance**

- Leap in Free Air Delivery: +12%
- Setting a new standard in Specific Energy Requirement: Savings of on average 50% comparted to idling compressors (Fixed Speed compressors)
- No unloader, element remains under pressure, the system is not blown-off, no loss of energy

# Variable Speed technology most efficient as base load compressor and as top load compressor

 GA VSD+:Variable Speed Driven machine that is more efficient as Fixed Speed compressors even at full load

#### **Superior technology**

- Oil-cooled Atlas Copco Interior Permanent Magnet Motor
- In-house designed
- Super efficient fan (ERP 2015)
   efficient as Fixed Speed compressors even at full load

#### Absolute low in noise levels: 62 dB(A)

## Smart design for easy installation, use and maintenance

• Integrated dryer available

Small footprint: -55%



## **COMPRESSED AIR SOLUTIONS**

# Atlas Copco



SF and SF+ Oil-Free Scroll Compressors



ZR and ZT (VSD) Oil-Free Screw Compressors



Oil-Sealed Vacuum Pumps Includes intelligent, plug & play VSD pumps



**Air Filters** 



Air Dryers



**Air Receivers & Aftercoolers** 



**Oxygen Generators** 



**Nitrogen Generators** 

## **CLEAN AIR SYSTEMS**





## **PLYMIJVENT®**

clean air at work

Plymovent Source Capture Systems are an industry standard.

Plymovent cares about the air you breathe. They deliver products, systems & services which ensure clean air at your work environment, anywhere in the world.

They have over 50,000 systems installed across the world in a variety of sectors including:

- Fire & EMS Departments
- Training facilities
- Military, Fleet, Automotive, Municipalities & DOT's
- Private Industries



## **ALL BACKED BY OUR**

FULLY STOCKED & TRAINED
SERVICE DEPARTMENT OFFERING
ON-SITE SERVICE

