

Atlas Copco

Oil-injected Rotary Screw Compressors

GX 2-11 - 2-11 kW/3-15 hp



Sustainable Productivity

Atlas Copco

New GX series: screw compressors built to last

Atlas Copco screw compressors have always set the standard for reliability and performance in the compressed air industry. With the new GX 2-11, Atlas Copco brings the power and reliability of an industrial screw compressor to small and medium sized industries.



CLOSE TO POINT OF USE – EASY INSTALLATION

- Various variants (floor mounted, tank mounted, with or without integrated dryer) are available, providing full flexibility.
- In addition to boasting a minimum footprint, the GX series discharges cooling air from the top which allows placement against the wall or in a corner. The tank mounted GX with built-in dryer reduces space requirements even further, making it ideal for customers with limited space at the site.
- The GX 7-11 are real plug and play compressors thanks to exceptionally easy installation through a single power supply on all models. The GX 2-5 requires a separate 115V power supply for the optional integrated dryer.
- All air connections have been optimized to minimize pressure drop and potential air leaks.

REDUCED POWER CONSUMPTION

- The GX offers the low energy consumption and high efficiency of a rotary screw compressor. Compared to piston compressors that suffer from increased energy consumption over time, GX screw compressors always provide high efficiency.
- The standard start/stop control on the GX 2-5 ensures the compressor only consumes power when compressed air is needed.
- The GX 7-11 is equipped with energy efficient load/no load control. By continuously monitoring unloading time, the compressor controller switches automatically to the optimum control mode for high, low and intermittent air consumption. This intelligent feature brings significant energy cost savings for customers.

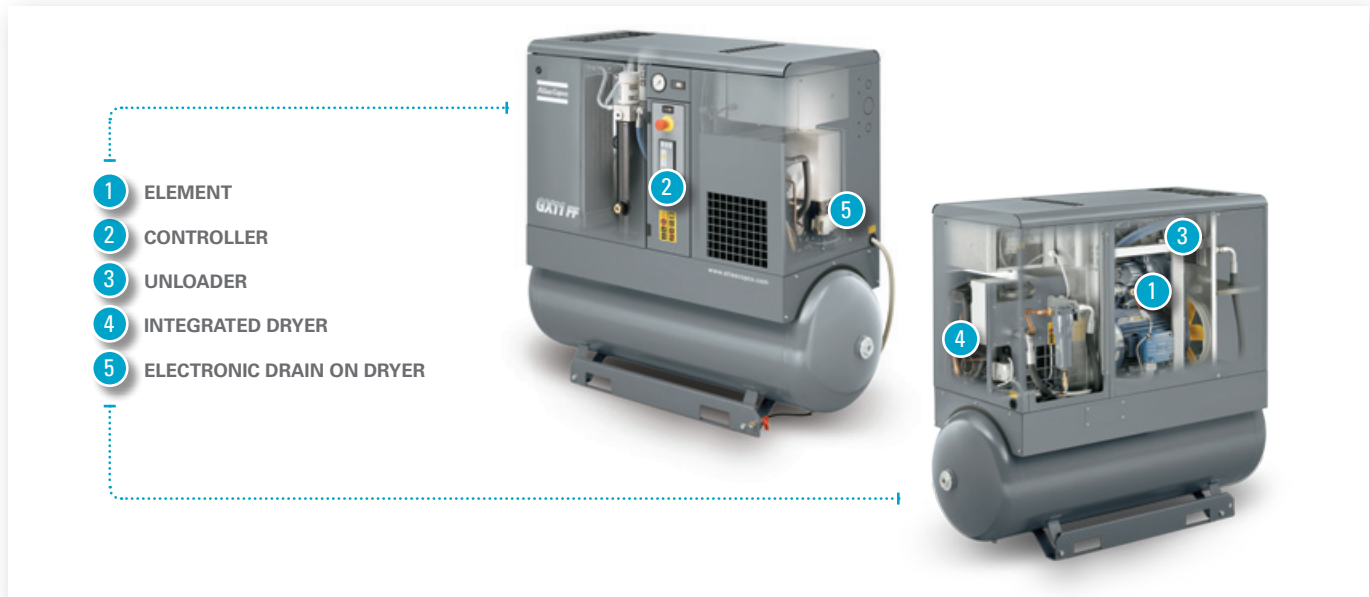
SIMPLE AND QUICK MAINTENANCE

- Service points are grouped together and are accessible through the removable panel.
- Spin-on oil separator and filter for quick maintenance.
 - Continuous oil level display without panel removal.
 - Easy maintenance through information provided on the control panel.



Silent power, total reliability

Set to meet your specific requirements and tackle your daily challenges, Atlas Copco offers you the GX oil-injected rotary screw compressor. Immediately ready to supply high quality air, this solution provides you with the exceptional power and reliability you are looking for.



BUILT-IN RELIABILITY

- Rugged screw compressor technology allows for a 100% continuous duty cycle.
- Simple and reliable design based on Atlas Copco's experience and long history of success.
- Extended working limitation up to 115°F ambient temperature through the selection of robust components.
- Reinforced frame which eliminates all resonance and ensures stable running and a long lifetime of operation.
- All oil lines are rigid pipe or high temperature hose.
- No plastic oil tubing is used.
- All electrical wiring is done with heavy-duty cable and high quality connectors.
- The GX package includes the main switch with integrated circuit breaker to protect the compressor.



SILENT POWER

- The GX 2-11 compressors are supplied with full sound enclosures, which reduce the sound levels as low as 61 dB(A).
- Rotary screw technology minimizes vibration.
- Optimized cooling air flow for silent operation.

Protect downstream pipelines, equipment and end products

Moisture, dirt particles and aerosols in plant air can damage your piping, compressed air tools and machinery as well your end products. To keep production operations running smoothly, you are in need of clean and dry compressed air. An integrated dryer and an in-line air filter equipped in the GX 2-11 Full Feature variants can do the job perfectly.

○ FULL FEATURE AIR DRYER

The GX 2-11 FF is available with an advanced built-in refrigerant air dryer. This dryer cools the compressed air and removes water before it can enter your compressed air network preventing rust in your compressed air piping and avoiding damage to your air tools.



○ IN-LINE AIR FILTER

To make your compressed air system work fine in various applications, different grade integrated air filters can be selected on GX 2-11 FF units.

FLOW CHART

AIR FLOW

1. Inlet air filter
2. Inlet valve
3. Compression element
4. Oil separator element
5. Minimum pressure valve
6. Aftercooler
7. Air receiver

OIL FLOW

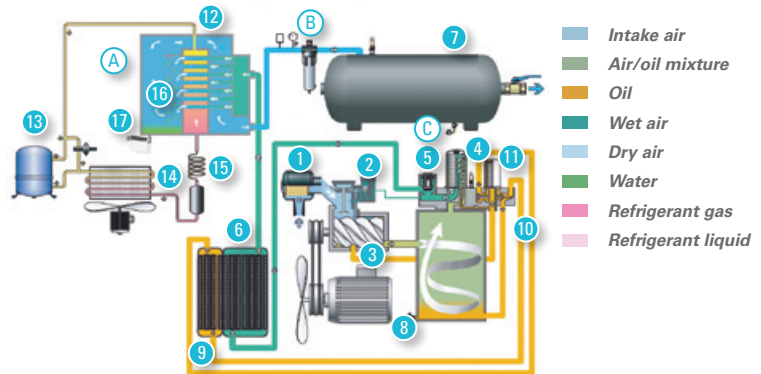
8. Oil reservoir
9. Oil cooler
10. Thermostatic valve block
11. Oil filter

REFRIGERANT FLOW

12. Evaporator
13. Refrigerant compressor
14. Condenser
15. Capillary tube
16. Water separator
17. Electronic automatic drain

OPTIONS

- A - Full Feature
- B - PDx high efficiency air filter
- C - Electronic receiver drain



Technical specifications GX 2-3-4-5-7-11

| COMPRESSOR TYPE | Max. working pressure | | Capacity FAD* | | | Installed motor power | | Noise level** | Weight (kg/lbs)*** | |
|----------------------|-----------------------|-----|---------------|-------------------|------|-----------------------|-----|---------------|--------------------|--------------|
| | bar(e) | psi | l/s | m ³ /h | cfm | kW | hp | dB(A) | Pack | Full Feature |
| 50 Hz VERSION | | | | | | | | | | |
| GX 2 | 10 | 145 | 4.0 | 14.4 | 8.5 | 2.2 | 3 | 61 | 165/364 | 200/441 |
| GX 3 | 10 | 145 | 5.3 | 19.1 | 11.2 | 3 | 4 | 61 | 165/364 | 200/441 |
| GX 4 | 10 | 145 | 7.8 | 28.1 | 16.5 | 4 | 5 | 62 | 165/364 | 200/441 |
| GX 5 | 10 | 145 | 10.0 | 36.0 | 21.2 | 5.5 | 7.5 | 64 | 165/364 | 200/441 |
| GX 7 | 7.5 | 109 | 19.6 | 70.6 | 41.5 | 7.5 | 10 | 65 | 245/540 | 314/692 |
| | 10 | 145 | 16.1 | 58.0 | 34.1 | 7.5 | 10 | 65 | 245/540 | 314/692 |
| | 13 | 189 | 12.9 | 46.4 | 27.3 | 7.5 | 10 | 65 | 245/540 | 314/692 |
| GX 11 | 7.5 | 109 | 27.0 | 97.2 | 57.2 | 11 | 15 | 68 | 257/567 | 326/719 |
| | 10 | 145 | 23.3 | 83.9 | 49.4 | 11 | 15 | 68 | 257/567 | 326/719 |
| | 13 | 189 | 19.0 | 68.4 | 40.3 | 11 | 15 | 68 | 257/567 | 326/719 |
| 60 Hz VERSION | | | | | | | | | | |
| GX 2 | 10.3 | 150 | 4.0 | 14.4 | 8.5 | 2.2 | 3 | 61 | 165/364 | 200/441 |
| GX 4 | 10.3 | 150 | 7.8 | 28.1 | 16.5 | 4 | 5 | 62 | 165/364 | 200/441 |
| GX 5 | 10.3 | 150 | 10.0 | 36.0 | 21.2 | 5.5 | 7.5 | 64 | 165/364 | 200/441 |
| GX 7 | 7.4 | 107 | 19.5 | 70.2 | 41.3 | 7.5 | 10 | 67 | 245/540 | 314/692 |
| | 9.1 | 132 | 17.3 | 62.3 | 36.7 | 7.5 | 10 | 67 | 245/540 | 314/692 |
| | 10.8 | 157 | 14.9 | 53.6 | 31.6 | 7.5 | 10 | 67 | 245/540 | 314/692 |
| | 12.5 | 181 | 12.3 | 44.3 | 26.1 | 7.5 | 10 | 67 | 245/540 | 314/692 |
| GX 11 | 7.4 | 107 | 27.8 | 100.1 | 58.9 | 11 | 15 | 68 | 257/567 | 326/719 |
| | 9.1 | 132 | 24.7 | 88.9 | 52.3 | 11 | 15 | 68 | 257/567 | 326/719 |
| | 10.8 | 157 | 22.5 | 81.0 | 47.7 | 11 | 15 | 68 | 257/567 | 326/719 |
| | 12.5 | 181 | 20.0 | 72.0 | 42.4 | 11 | 15 | 68 | 257/567 | 326/719 |

* Unit performance measured according to ISO 1217, Ed. 3, Annex C-1996.

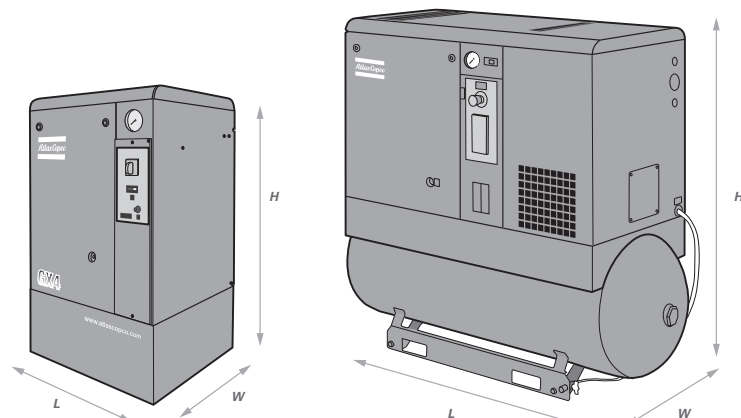
** Mean noise level measured according to Pneurop/Cagi PN8NTC2 test code; tolerance 3 dB(A).

*** Tank mounted. Standard air receiver size, GX 2-5: 200 l/60 gal, GX 7-11: 270 l/80 gal.

Available options

| | GX 2-5 | GX 2-5 FF | GX 7-11 | GX 7-11 FF |
|--|----------|-----------|----------|------------|
| Integrated aftercooler | N/A | N/A | Standard | Standard |
| Water separator (shipped loose) | N/A | Standard | Standard | Standard |
| Timer water drain on water separator (shipped loose) | N/A | N/A | Optional | Standard |
| Timer drain on air receiver (tank mounted only) | Optional | Optional | Optional | Optional |
| Electronic no loss water drain on water separator (shipped loose) | N/A | N/A | Optional | Optional |
| Electronic no loss water drain on air receiver (500 l/120 gal tank mounted only) | Optional | Optional | Optional | Optional |
| Integrated DDx filter kit | N/A | N/A | N/A | Optional |
| Integrated high performance PDx filter kit | N/A | Optional | N/A | Optional |
| 500 l/120 gal air receiver (tank mounted only) | N/A | N/A | Optional | Optional |
| Tropical thermostat | N/A | N/A | Optional | Optional |

| | L (mm/in.) | W (mm/in.) | H (mm/in.) |
|-----------------------------------|------------|------------|------------|
| PACK FLOOR MOUNTED | | | |
| GX 2-5 | 620/24.5 | 605/23.8 | 975/38.4 |
| GX 7-11 | 810/31.9 | 590/23.2 | 1085/42.7 |
| FULL FEATURE FLOOR MOUNTED | | | |
| GX 2-5 | N/A | N/A | N/A |
| GX 7-11 | 1205/47.5 | 590/23.2 | 1085/42.7 |
| PACK TANK MOUNTED | | | |
| GX 2-5 | 1420/55.9 | 575/22.6 | 1280/50.4 |
| GX 7-11 | 1533/60.4 | 590/23.2 | 1463/57.6 |
| FULL FEATURE TANK MOUNTED | | | |
| GX 2-5 | 1420/55.9 | 575/22.6 | 1280/50.4 |
| GX 7-11* | 1533/60.4 | 590/23.2 | 1463/57.6 |



GX 2-5 Floor Mounted

GX 7-11 FF Tank Mounted

* Length of GX7-11 tank mounted 500 l / 120 gal unit is 1935 mm / 76.2 in.



Driven by innovation

With more than 135 years of innovation and experience, Atlas Copco delivers the products and services to help maximize your company's efficiency and productivity. As a global industry leader, we are dedicated to offering high air quality at the lowest possible cost of ownership. Through continuous advancements, we strive to safeguard your bottom line and bring you peace of mind.



Local interaction

Atlas Copco Compressors LLC is headquartered in Rock Hill, SC. Our 187,000 sq. ft. manufacturing plant is one of several Atlas Copco production units across the U.S., including a custom design facility in Houston, TX. We take the best possible care of our customers through four regional customer centers and appointed authorized distributors, supported by a 131,000 sq. ft. distribution center and a network of field based personnel throughout the country. Across all of our different business types and brands, Atlas Copco employs approximately 3,300 people in the U.S.



Committed to sustainability

In 2010, Atlas Copco was named one of the Top 100 Sustainable Companies in the World for the fifth consecutive year. Through our Water for All organization, Atlas Copco is committed to supporting projects that supply clean water to those who need it most. Visit www.water4all.org for more information. All Atlas Copco Compressors facilities in the United States are triple certified to ISO 14001, ISO 9001 and OHSAS 18001; a set of standards to protect the environment, ensure product quality, and promote our employees' health and occupational safety.

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