

Oil-injected rotary screw compressors

GA 15-30 (15-30 kW / 20-40 hp)

The compact industrial air system

Atlas Copco's all-in-one GA 15-30 compressor is always ready to supply high-quality air to help you tackle your daily challenges. Better than any workshop solution, the GA 15-30 keeps your air network clean and your production running.



Features & benefits



Reliable performance

- 100% continuous duty cycle.
- Gear-driven for best-in-class reliability and limited maintenance.
- Quality, dry air thanks to the integrated dryer and water separator.
- High-tech oil vessel protects from oil contamination with minimal air loss.



High energy efficiency

- New state-of-the-art compression element coupled with IE3 efficiency motor.
- 5-6% higher efficiency compared to belt-driven systems.



Simple installation & maintenance

- Delivered plug & play.
- Remarkably compact footprint.
- Easy transportation by forklift.
- Main components are readily accessible.



Advanced connectivity & touch control

- Elektronikon® Swipe controller with built-in connectivity.
- Service and warning indications, error detection and compressor shut-down.
- Optional Elektronikon® Touch controller for enhanced remote monitoring and service time indications.

Dimensions



Standard:

H TM: 1832 mm, 72"
H FM: 1220 mm, 48"
L TM: 1904 mm, 74"
L FM: 1280 mm, 50"
W: 830 mm, 33"

Full Feature:

H TM: 1827 mm, 72"
H FM: 1220 mm, 48"
L TM: 1904 mm, 74"
L FM: 1780 mm, 69"
W: 830 mm, 33"

Options

- Integrated filter
- Dryer bypass
- Main power isolator
- Electronic Water Drains (EWD) on coolers
- Air receiver drain EWD
- Motor thermistors and anti-condensation heaters
- Tropical thermostat
- Freeze protection
- Heavy duty air inlet filter
- Fan Saver Cycle
- Compressor inlet pre-filter
- EQi central control license for 4 or 6 machines (available on Elektronikon® Touch only)
- Elektronikon® Touch
- FoodGrade oil
- Roto Synthetic Xtend oil
- Energy recovery
- Dryer Save Cycle
- Performance certificates

Technical specifications

| Compressor type | Max. working pressure | | | | Capacity FAD* | | | Installed motor power | | Noise level** | Weight (kg)*** | | | |
|--------------------|-----------------------|-------|---------------------------|-------|---------------|-------|-------|--------------------------|----|------------------|----------------|-------|-----|-------|
| | WorkPlace | | WorkPlace Full Feature | | | | | | | | FM | FM FF | TM | TM FF |
| | bar(e) | psig | bar(e) | psig | l/s | m³/h | cfm | kW | hp | dB(A) | kg | kg | kg | kg |
| 50 Hz VERSION | | | | | | | | | | | | | | |
| GA 15 | | | | | | | | | | | | | | |
| 7.5 | 7.5 | 108.8 | 7.3 | 105 | 46.9 | 168.8 | 99.4 | 15 | 20 | 67 | 455 | 529 | 645 | 718 |
| 8.5 | 8.5 | 123.3 | 8.3 | 120 | 43.5 | 156.6 | 92.2 | 15 | 20 | 67 | 455 | 529 | 645 | 718 |
| 10 | 10 | 145.0 | 9.8 | 141 | 39.3 | 141.5 | 83.3 | 15 | 20 | 67 | 455 | 529 | 645 | 718 |
| 13 | 13 | 188.5 | 12.8 | 185 | 33.3 | 119.9 | 70.6 | 15 | 20 | 67 | 455 | 529 | 645 | 718 |
| GA 18 | | | | | | | | | | | | | | |
| 7.5 | 7.5 | 108.8 | 7.3 | 105 | 59.6 | 214.6 | 126.3 | 18 | 25 | 68 | 464 | 559 | 654 | 749 |
| 8.5 | 8.5 | 123.3 | 8.3 | 120 | 57.0 | 205.2 | 120.8 | 18 | 25 | 68 | 464 | 559 | 654 | 749 |
| 10 | 10 | 145.0 | 9.8 | 141 | 49.5 | 178.5 | 105.0 | 18 | 25 | 68 | 464 | 559 | 654 | 749 |
| 13 | 13 | 188.5 | 12.8 | 185 | 40.0 | 144.0 | 84.8 | 18 | 25 | 68 | 464 | 559 | 654 | 749 |
| GA 22 | | | | | | | | | | | | | | |
| 7.5 | 7.5 | 108.8 | 7.3 | 105 | 65.6 | 236.2 | 139.0 | 22 | 30 | 69 | 480 | 575 | 670 | 765 |
| 8.5 | 8.5 | 123.3 | 8.3 | 120 | 63.3 | 227.9 | 134.1 | 22 | 30 | 69 | 480 | 575 | 670 | 765 |
| 10 | 10 | 145.0 | 9.8 | 141 | 55.3 | 199.1 | 117.2 | 22 | 30 | 69 | 480 | 575 | 670 | 765 |
| 13 | 13 | 188.5 | 12.8 | 185 | 49.3 | 177.5 | 104.5 | 22 | 30 | 69 | 480 | 575 | 670 | 765 |
| GA 26 | | | | | | | | | | | | | | |
| 7.5 | 7.5 | 108.8 | 7.3 | 105 | 72.5 | 260.9 | 153.6 | 26 | 35 | 70.2 | 490 | 585 | 680 | 775 |
| 8.5 | 8.5 | 123.3 | 8.3 | 120 | 66.6 | 239.7 | 141.1 | 26 | 35 | 70.2 | 490 | 585 | 680 | 775 |
| 10 | 10 | 145.0 | 9.8 | 141 | 64.3 | 231.4 | 136.2 | 26 | 35 | 70.2 | 490 | 585 | 680 | 775 |
| 13 | 13 | 188.5 | 12.8 | 185 | 56.6 | 203.9 | 120.0 | 26 | 35 | 70.2 | 490 | 585 | 680 | 775 |
| GA 30 | | | | | | | | | | | | | | |
| 7.5 | 7.5 | 108.8 | 7.25 | 105.2 | 95.9 | 345.2 | 203.2 | 30 | 40 | 70 | 530 | 630 | - | - |
| 8.5 | 8.5 | 123.3 | 8.25 | 119.7 | 91.8 | 330.5 | 194.5 | 30 | 40 | 70 | 530 | 630 | - | - |
| 10 | 10 | 145.0 | 9.75 | 141.4 | 85.2 | 306.7 | 180.5 | 30 | 40 | 70 | 530 | 630 | - | - |
| 13 | 13 | 188.5 | 12.75 | 184.9 | 74.4 | 267.8 | 157.6 | 30 | 40 | 70 | 530 | 630 | - | - |
| 60 Hz VERSION | | | | | | | | | | | | | | |
| GA 15 | | | | | | | | | | | | | | |
| 100 | 7.4 | 107.0 | 7.1 | 103 | 47.6 | 171.4 | 100.9 | 15 | 20 | 67 | 455 | 529 | 645 | 718 |
| 125 | 9.1 | 132.0 | 8.9 | 128 | 43.3 | 155.9 | 91.7 | 15 | 20 | 67 | 455 | 529 | 645 | 718 |
| 150 | 10.8 | 157.0 | 10.6 | 153 | 40.0 | 144.0 | 84.8 | 15 | 20 | 67 | 455 | 529 | 645 | 718 |
| 175 | 12.6 | 182.0 | 12.3 | 178 | 33.5 | 120.6 | 71.0 | 15 | 20 | 67 | 455 | 529 | 645 | 718 |
| GA 18 | | | | | | | | | | | | | | |
| 100 | 7.4 | 107.0 | 7.1 | 103 | 60.3 | 217.1 | 127.8 | 18 | 25 | 68 | 464 | 559 | 654 | 749 |
| 125 | 9.1 | 132.0 | 8.9 | 128 | 57.7 | 207.7 | 122.3 | 18 | 25 | 68 | 464 | 559 | 654 | 749 |
| 150 | 10.8 | 157.0 | 10.6 | 153 | 49.5 | 178.2 | 104.9 | 18 | 25 | 68 | 464 | 559 | 654 | 749 |
| 175 | 12.6 | 182.0 | 12.3 | 178 | 39.4 | 141.8 | 83.5 | 18 | 25 | 68 | 464 | 559 | 654 | 749 |
| GA 22 | | | | | | | | | | | | | | |
| 100 | 7.4 | 107.0 | 7.1 | 103 | 67.2 | 241.9 | 142.4 | 22 | 30 | 69 | 480 | 575 | 670 | 765 |
| 125 | 9.1 | 132.0 | 8.9 | 128 | 63.2 | 227.5 | 133.9 | 22 | 30 | 69 | 480 | 575 | 670 | 765 |
| 150 | 10.8 | 157.0 | 10.6 | 153 | 60.2 | 216.7 | 127.6 | 22 | 30 | 69 | 480 | 575 | 670 | 765 |
| 175 | 12.6 | 182.0 | 12.3 | 178 | 49.9 | 179.6 | 105.7 | 22 | 30 | 69 | 480 | 575 | 670 | 765 |
| GA 26 | | | | | | | | | | | | | | |
| 100 | 7.4 | 107.0 | 7.1 | 103 | 69.1 | 248.8 | 146.4 | 26 | 35 | 70.3 | 490 | 585 | 680 | 775 |
| 125 | 9.1 | 132.0 | 8.9 | 128 | 66.5 | 239.4 | 140.9 | 26 | 35 | 70.3 | 490 | 585 | 680 | 775 |
| 150 | 10.8 | 157.0 | 10.6 | 153 | 63.7 | 229.3 | 135.0 | 26 | 35 | 70.3 | 490 | 585 | 680 | 775 |
| 175 | 12.6 | 182.0 | 12.3 | 178 | 56.6 | 203.8 | 119.9 | 26 | 35 | 70.3 | 490 | 585 | 680 | 775 |
| GA 30 | | | | | | | | | | | | | | |
| 100 | 7.4 | 107.3 | 7.15 | 103.7 | 92.0 | 331.2 | 194.9 | 30 | 40 | 70 | 530 | 630 | - | - |
| 125 | 9.1 | 132.0 | 8.85 | 128.4 | 87.7 | 315.7 | 185.8 | 30 | 40 | 70 | 530 | 630 | - | - |
| 150 | 10.8 | 156.6 | 10.55 | 153.0 | 82.1 | 295.6 | 174.0 | 30 | 40 | 70 | 530 | 630 | - | - |
| 175 | 12.6 | 182.7 | 12.25 | 177.7 | 76.1 | 274.0 | 161.2 | 30 | 40 | 70 | 530 | 630 | - | - |

Reference conditions:

- Absolute inlet pressure 1 bar (14.5 psi). Intake air temperature 20°C/68°F. Maximum working pressure: 13 bar(e) (188 psig)

FAD is measured at the following effective working pressures:

- 7 bar(e) - 8 bar(e) - 9.5 bar(e) - 12.5 bar(e)

* Unit performance measured according to ISO 1217 ed. 4, 2009, annex C, latest edition.

** Mean noise level measured at a distance of 1 m according to ISO 2151: 2004 using ISO 9614/2 (sound intensity method); tolerance 3 dB(A).

*** FM: Floor-mounted, FM FF: Floor-mounted Full Feature, TM: Tank-mounted, TM FF: Tank-mounted Full Feature. GA 30 only available in FM /FM FF version.