



Atlas Copco



Oil-injected rotary screw compressors

G 2-5
G 7-15
G 15L-22



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 2-5, the G 7-15, and the G 15L-22 simply check all the boxes.

✓ 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/115°F.

✓ Top performance

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

✓ 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.



Zero hassle, zero worries compressors



High reliability

- 100% continuous duty cycle.
- Up to 46°C/115°F ambient temperatures.



Low maintenance

- Easy access for maintenance.
- Quality components.
- Long service interval of 4000 hours.



Silent operation

- Belt-driven element.
- Reduced noise levels and low vibration.



Full feature (FF)

- Integrated refrigerant air dryer.
- In-line air filters.



Environmentally friendly

- Reduced energy consumption.
- Low CO₂ emissions.

Atlas Copco
G series
–
A trusted
partner

G 2-5

Compact and efficient

- Compared to piston compressors, the G 2-5 is quieter, cleaner, and more economical to own, while working longer hours.
- The high-efficiency IE3 motor allows for 24/7 operation, even in temperatures up to 46°C.
- The state-of-the-art rotary screw element minimizes energy use and operational costs.
- Thanks to the low-vibration belt system, the G 2-5 is extremely quiet.

Smart

- Smart state-of-the-art 'screw' technology
- Good aesthetics
- Compact design

Power saver

- Low energy consumption and high efficiency of the rotary screw.
- Energy saving control
- Low operation cost

Quality air

- Screw technology with an efficient separation system ensures minimum oil carry over.
- Option of integrated dryer and filters also available.



Continuous duty

- Workaholic machine
- 100% continuous duty
- No wear and tear
- No capacity drop

Low maintenance

- Less moving parts, no wear and tear.
- Service points grouped together and easily accessible.
- Maintenance friendly.

Silent

- Rotary screw technology minimizes vibration
- Sound absorbing enclosure which reduces sound levels.
- It can be placed at the point of application.



G 7-15

Industry-leading performance

- Thanks to load/no load control, the compressor controller switches automatically to the optimum control mode for high, low and intermittent air consumption.
- Best-in-class performance, total reliability and low power consumption.

G 15L-22

Belt-driven element & motor

- Atlas Copco's patented rotary screw element allows for a 100% duty cycle.
- The complete unit is designed to operate at ambient temperatures of up to 46°C.
- Reduced noise levels and low vibration.

Control & monitoring

- New BASE controller offers straightforward monitoring and control.
- Icon-based display, pressure settings, temperature reading.
- Running hours/hours working @ load.
- Service warnings.
- Outlet pressure setting directly on the controller.
- Pressure and element outlet temperature reading.

Cost-efficient maintenance

- All the main components, the oil separator and oil filter are easily accessible, ensuring fast and simple maintenance.

Easy installation

- A true plug-and-play solution for installation companies and OEMs.
- Optional integrated dryer, air filters and factory-mounted.
- Easy transportation by forklift.
- Remarkably compact footprint.

Full feature (FF)

- Integrated refrigerant air dryer.
- Wet vessel ensure lower load on dryer.

Cooler

- Bigger coolers for lower operating temperature
- Longer oil life

HD filter and prefilter

- Better dust separation



Quality air performance

Full feature with built-in dryer

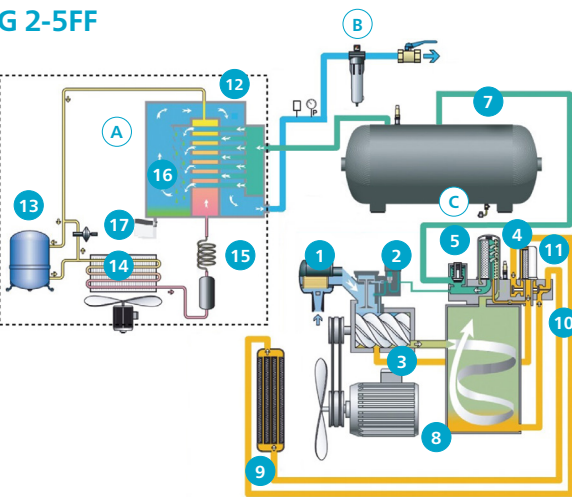
The full feature version comes with a built-in refrigerant air dryer. It cools the compressed air and removes any moisture before it can enter your compressed air network. This prevents rust in your compressed air piping and avoids damage to your air tools.

A choice of filters

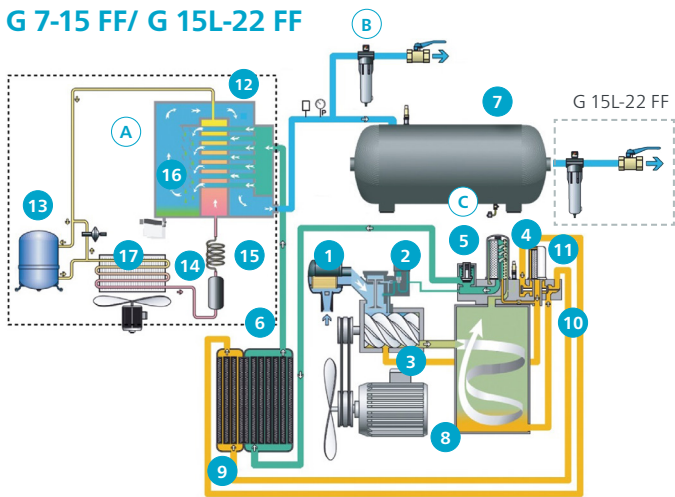
To ensure your compressed air meets the quality requirements of a wide range of applications, different grade air filters can be selected:

- G 2-5: DD
- G 7-15: DDx or PDx
- G 15L-22: DD or UD+

G 2-5FF



G 7-15 FF/ G 15L-22 FF



- Intake air

Air/oil mixture
- Oil

Wet air
- Dry air

Water
- Refrigerant gas

Refrigerant liquid

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 UD+ high-efficiency air filter (G15L-22 FF only)

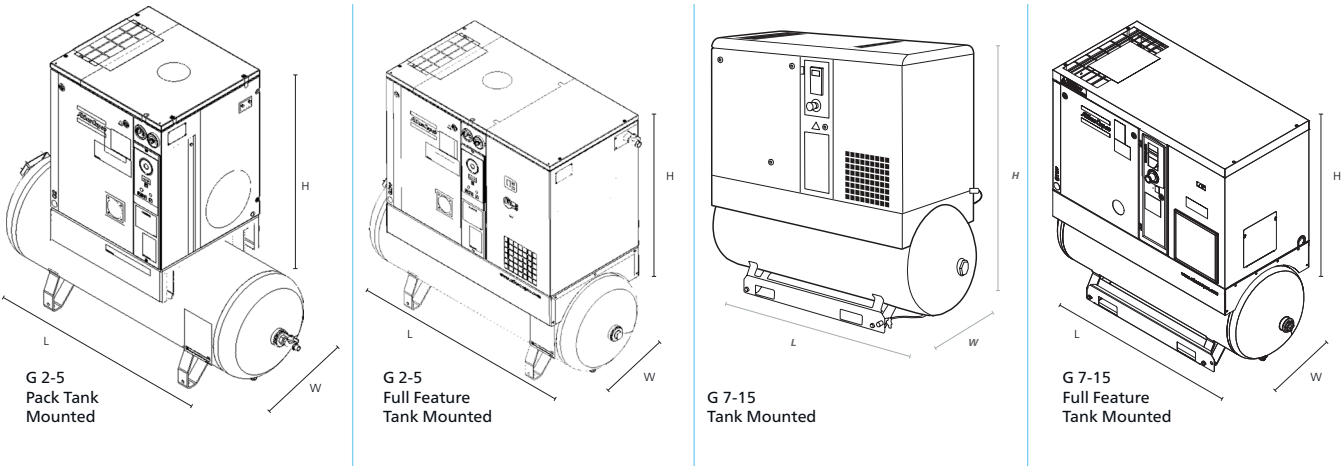
Technical specifications

Compressor type		Max working pressure				Capacity FAD			Installed motor power		Noise levels	Weight (kg)			
		Workplace		Workplace full feature											
		bar (e)	psig	bar (e)	psig	l/s	m3/h	cfm	kW	hp	dB(A)	Floor mounted	Floor mounted full feature	Tank mounted	Tank-mount- ed full feature
50 Hz Version															
G 2	10	10	145	9.8	141	4	15	9	2	3	61	-	-	174.5	208.5
G 3	10	10	145	9.8	141	6	22	13	3	4	61	-	-	175	209
G 4	10	10	145	9.8	141	8	28	17	4	5	62	-	-	175.5	209.5
G 5	10	10	145	9.8	141	10	36	21	5	7	65	-	-	182	216
G 7	7.5	7.5	109	7.3	105	21	74	43	7	9	65	180	243	245	327
	10	10	145	9.8	141	18	65	38	7	9	65	180	243	245	327
	13	13	189	12.8	185	20	71	42	7	9	65	180	243	245	327
G 11	7.5	7.5	109	7.3	105	28	100	59	11	15	67	193	256	258	340
	10	10	145	9.8	141	24	86	51	11	15	67	193	256	258	340
	13	13	189	12.8	185	20	71	42	11	15	67	193	256	258	340
G 15	7.5	7.5	109	7.3	105	33	117	69	15	20	71	205	268	270	340
	10	10	145	9.8	141	29	105	62	15	20	71	205	268	270	340
	13	13	189	12.8	185	23	81	48	15	20	71	205	268	270	340
G 15L	7.5	7.5	109	7.3	105	43	153	90	15	20	67	418	545	656	741
	10	10	145	9.8	141	39	139	82	15	20	67	418	545	656	741
	13	13	189	12.8	185	31	112	66	15	20	67	418	545	656	741
G 18	7.5	7.5	109	7.3	105	52	188	110	18	25	69	429	556	667	752
	10	10	145	9.8	141	45	163	96	18	25	69	429	556	667	752
	13	13	189	12.8	185	39	139	82	18	25	69	429	556	667	752
G 22	7.5	7.5	109	7.3	105	62	223	131	22	30	70	436	563	674	759
	10	10	145	9.8	141	54	195	115	22	30	70	436	563	674	759
	13	13	189	12.8	185	46	167	98	22	30	70	436	563	674	759

Standard air receiver size, G 2-5: 200 l/53 gal & 2x90 l/24 gal, G 7-15: 270 l/71 gal.
Unit performance measured according to ISO 1217, latest edition.
Mean noise level (pack variant) measured according to Pneurop/Cagi PN8NTC2 test code; tolerance 3 dB(A).

Dimensions

	L (mm)	W (mm)	H (mm)
G 2-5			
Pack tank mounted	1522	568	1259
Full feature	1439	568	1259
G 7-15			
Pack floor mounted	720	855	1090
Full feature floor mounted	720	1205	1090
Pack tank mounted	750	1603	1337
Full feature tank mounted	833	1921	1832
G 15L-22			
Pack floor mounted	833	1180	1220
Full feature floor mounted	833	1280	1220
Pack tank mounted	833	1921	1832
Full feature tank mounted	833	1921	1832





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