

Atlas Copco

Automan

Piston compressors
(0.75-15 kW/1-20 hp)





AH direct drive series: small, handy and oil-free

AH series oil-free compressors are designed for a variety of applications. With no oil to replace and with the electric motor flanged to the compressor block, maintenance is reduced to the absolute minimum. Their all-aluminum, low-weight construction makes them the ideal choice when a smaller amount of compressed air is sufficient. They can be laid flat for transport.



AH 10-6



AH 20-24



AH 20-50

AH direct drive oil-free series 230V/1-phase

Different receiver options – Portable, mobile and stationary solutions

Model	Installed power		Max. pressure bar	Displ. l/min	FAD l/min	Motor speed rpm	Cylinders & Stages	Receiver (l)	Configuration	Weight
	hp	kW						l		kg
AH 10-6	1	0,75	10	110	72	1450	1&1	6	Portable	18
AH 20-6	2	1,5	10	225	96	2900	1&1	6	Portable	19
AH 20-24	2	1,5	10	225	96	2900	1&1	24	Mobile	23
AH 20-50	2	1,5	10	225	96	2900	1&1	50	mobile	31



AF direct drive series: compact and lightweight

AF series oil-lubricated compressors are designed for mobility and ease of use. The compressor block is manufactured from high-grade aluminum alloy – a material also used in high-performance car engines. Its excellent heat transfer capability and high tensile strength make it well-suited for a compressor because of its high performance/low weight ratio.

- Direct drive electric motor with built-in overload protection for maintenance-free operation.
- Robust wheels and handle, according to the model, for mobility.
- Powder-coated, certified air receiver with manual condensate drain.
- Pressure switch with “Off” and “Automatic operation” buttons, safety valve, cable and power plug.
- Adjustable pressure regulator with dual pressure gauges (receiver pressure and regulated outlet pressure) with quick coupling for ease of use.



AF 20-2x11



AF 25-10



AF 25-50



AF 30-24

AF direct drive series 230V/1-phase or 400V/3-phase

Different receiver options – Portable, mobile and stationary solutions

Model	Installed power		Max. pressure bar	Displ. l/min	FAD l/min	Motor speed rpm	Cylinders & Stages	Receiver (l) l	Configuration	Weight kg
	hp	kW								
AF 25-6	2.5	1.85	10	250	122	2850	1 & 1	6	Portable	20
AF 25-10	2.5	1.85	10	250	122	2850	1 & 1	10	Portable	25
AF 25-24	2.5	1.85	10	250	122	2850	1 & 1	24	Mobile	30
AF 25-50	2.5	1.85	10	250	122	2850	1 & 1	50	Mobile	38
AF 25-90	2.5	1.85	10	250	122	2850	1 & 1	90	Mobile	65
AF 30-24	3	2.2	10	300	200	2850	2 & 1	24	Mobile	44
AF 20-2x11	3	2.2	10	300	200	2850	2 & 1	11+11	Mobile	54



AC belt drive series: solid tradition

AC series oil-lubricated compressors are designed with a slow-running compressor block for a long service life. Cast iron cylinders with low-speed pistons are known for their durability.

- Slow-running compressor block with aftercooler for effective moisture separation and automotive dry paper-type air cleaner on the larger models.
- Selection of air receivers – 50, 90, 200, 270 or 500 l horizontal receiver and 150 or 270 l vertical receiver as a space saving option.
- A front wheel with brakes for 360° rotation; full handle with rubber grip (for 90 till 200 lt models).

- Adjustable pressure regulator, pressure gauges (receiver pressure and regulated outlet pressure), quick coupling for ease of use.
- Pressure switch with “Off” and “Automatic operation” buttons, safety valve, cable and power plug for single-phase models.
- Metal belt guard protects operator and compressor belt.



Single & twin-stage pump

- Large flywheel for efficient cooling.
- Low running speed for long service life and low noise level.
- High volumetric efficiency for more air with less energy use.



AC 31-90

AC 55-270

The AC air receiver walls are extra thick to provide additional safety.

AC belt-driven series 1-stage/10 bar/230V/1-phase or 400V/3-phase DOL

Different receiver options – Mobile, stationary and vertical solutions

Model	Installed power		Max. pressure	Displ.	FAD	Motor speed	Cylinders & Stages
	hp	kW	bar	l/min	l/min	rpm	
AC 21	2	1.5	10	255	126	1075	2 & 1
AC 31	3	2.2	10	393	228	1050	2 & 1

AC belt-driven series 2-stage/11 bar/230V or 400V/3-phase DOL or YD

Base-mounted or different receiver options – Mobile, stationary and vertical solutions

Model	Installed power		Max. pressure	Displ.	FAD	Motor speed	Cylinders & Stages
	hp	kW	bar	l/min	l/min	rpm	
AC 40	4	3	11	553	372	1300	2 & 2
AC 55	5.5	4	11	654	412	975	2 & 2
AC 75	7.5	5.5	11	836	643	663	2 & 2
AC 100	10	7.5	11	1003	772	795	2 & 2
AC 200	20	15	11	1233	958	1325	2 & 2

AC belt-driven series 2-stage/15 bar/230V or 400V/3-phase DOL or YD

Different stationary receiver options

Model	Installed power		Max. pressure	Displ.	FAD	Motor speed	Cylinders & Stages
	hp	kW	bar	l/min	l/min	rpm	
AC 55	5.5	4	15	654	412	975	2 & 2
AC 75	7.5	5.5	15	836	643	663	2 & 2
AC 100	10	7.5	15	1003	772	795	2 & 2



AC-O Belt driven oil-free series: care-free performance

The AC Oil-free series are designed with a complete oil-free block offering you many advantages and supporting you in reaching environmental standards.

- Oil-free low maintenance compressor
- Easy operatable thanks to the reducer and water drain directly included in the air outlet on the vessel.
- Baffle plate for optimal cooling flow
- High mobility using two moveable front wheels with break.



Single stage pump

- Full oil-free operation
- CI nickle plated cylinders & Teflon coated pistons
- Long aftercooling pipes and large flywheel for efficient cooling



AC 40-200

AC-O series

Model	Installed power		Max. pressure	Displ.	FAD	Motor speed	Cylinders & Stages	Receiver (l)		Weight
	hp	kW						bar	l/min	
AC21-O-50	2	1.5	10	255	114	1050	2&1	50	56	
AC31-O-90	3	2.2	10	393	240	1075	2&1	90	75	
AC40-O-90	4	3	10	486	330	1300	2&1	90	77	
AC40-O-200	4	3	10	486	330	1300	2&1	200	77	



PRO series: superior workshop performance

The 3-5 hp Automan PRO is the compressor that can keep up with the pace, the workload and the requirements of a professional workshop. The PRO comes with specifically designed features to deliver that all-important safety, reliability, ease of use and flexibility.

- Inside-coated vessel and automatic drain prevent condensation and rust.
- Filter pressure regulator safeguards air quality.
- Extra-strong wheelbase offers robust support.
- High-quality condor pressure switch and manometer allow for precise pressure setting.
- Lightweight and compact for smooth maneuverability (50 & 90-liter models).



1. Powerful pump

The PRO's low running speed ensures a long service life and low noise levels. Its high volumetric efficiency of 76% means you get more air with less energy consumption.

2. Automatic drain

Moisture can compromise your air system and your final products. The automatic drain removes condensate when needed to help prevent corrosion.

3. Metal belt guard

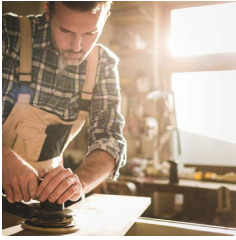
Safety always comes first. The PRO's sturdy metal belt guard protects both the operator and the compressor belt.

4. Pressure switch

The advanced condor pressure switch and manometer allow for easy, precise pressure setting of your Automan PRO.

AC PRO series 230V or 400V/1 & 3-phase/10 & 11 bar(e)/psig

Model	Installed power		Max. pressure bar	Displ. l/min	FAD l/min	Motor speed rpm	Cylinders & Stages	Receiver (l) l	Weight kg
	hp	kW							
AC 31-50 PRO	3	2.2	10	360	216	933	1 & 1	50	56
AC 31-90 PRO	3	2.2	10	360	216	933	1 & 1	90	67
AC 40-90 PRO	4	3	11	474	354	892	2 & 2	90	72
AC 55-90 PRO	5	4	11	654	412	975	2 & 2	90	114
AC 55-270 PRO	5	4	11	654	412	975	2 & 2	270	138



Silent series: workshop comfort

The perfect workshop compressor is powerful and reliable, as well as compact and quiet. The Automan Silent series checks all of these boxes for that rare combination of performance and comfort. Built to Atlas Copco's exacting standards, the Automan Silent delivers a lifetime of quality workspace support.

- Premium piston pump.
- Optimized canopy design minimizes sound levels.
- Cooling air flow engineered to reduce noise.
- Premium quality condor pressure switch.
- Efficient cooling system with large multiblade flywheel.
- Option of a built-in refrigerant dryer for dry, high-quality air.
- Dedicated cooling fan for smooth operation, even in hot and dusty conditions.
- Robust metal canopy.



AC Silent 2-3 hp

Ideal for small pneumatic jobs.



AC Silent 3-4 hp

Ideal for automotive service stations.



AC Silent 5.5-10 hp

Ideal for work- and carpentry shops.

AC belt-driven silent series 11 bar/230V/1-phase DOL
 Integrated 27l receiver

Model	Installed power		Max. pressure bar	Displ. l/min	FAD l/min	Pump speed rpm	Receiver (l) l	Weight kg
	hp	kW						
AC 21-27 S	2	1.5	11	200	138	1075	27	86
AC 31-27 S	3	1.85	11	260	210	1350	27	87

AC belt-driven silent series 11 bar/230V/1-phase or 400V/3-phase DOL
 Base-mounted or tank-mounted 270l solutions

Model	Installed power		Max. pressure bar	Displ. l/min	FAD l/min	Pump speed rpm	Receiver (l) l	Weight kg
	hp	kW						
AC 31-BM S	3	1.85	11	360	216	1050	0	170
AC 31-270 S	3	1.85	11	380	276	1050	270	248
AC 40-BM S	4	3	11	480	354	1300	0	170
AC 40-270 S	4	3	11	480	354	1300	270	248

AC belt-driven silent series 11 bar/400V/3-phase DOL or YD
 Base-mounted, tank-mounted or Full Feature solutions

Model	Installed power		Max. pressure bar	Displ. l/min	FAD l/min	Pump speed rpm	Receiver (l) l	Weight kg
	hp	kW						
AC 55-BM S	5	4	11	660	408	1010	0	153
AC 55-270 S	5	4	11	660	408	1010	270	220
AC 55-500 S	5	4	11	660	408	1010	500	253
AC 55-500 S FF	5	4	11	660	408	1010	500	269
AC 75-BM S	7	5.5	11	750	444	1140	0	229
AC 75-500 S	7	5.5	11	750	444	1140	500	355
AC 75-500 S FF	7	5.5	11	750	444	1140	500	367
AC 100-BM S	10	7.5	11	1020	666	810	0	248
AC 100-500 S	10	7.5	11	1020	666	810	500	399
AC 100-500 S FF	10	7.5	11	1020	666	810	500	411



Petrol and diesel-driven compressors

Automan petrol and diesel versions are specifically designed for those applications where no or insufficient voltage supply is within reach. Several mobile and stationary variants are available to meet the exact needs of your application. Incorporating fuel motors from reliable and renowned brands, these units are robust and ideal for supplying local compressed air. The two diesel variants also allow you to combine **compressed air with a generator** for your own electrical supply.



AC belt-driven petrol & diesel series 10 & 14 bar

Different receiver options – Mobile, rollbar and stationary solutions

Model	Installed power		Max. pressure bar	Displ. l/min	FAD l/min	Motor speed rpm	Cylinders & Stages	Receiver (l) l	Weight kg
	hp	kW							
AC 56-50 Petrol	5.6	4.8	10	363	205	1060	2 & 1	50	73
AC 56-100 Petrol	5.6	4.8	10	363	205	1060	2 & 1	100	94
AC 56-200 Petrol	5.6	4.8	10	363	205	1060	2 & 1	200	120
AC5 6-11+11R Petrol	5.6	4.8	10	363	205	1060	2 & 1	11+11	70
AC 71-25+25R Petrol	7.1	5.3	10	570	282	1185	2 & 2	25+25	143
AC 100-270 Petrol	10	7.5	14	750	415	1320	2 & 2	270	235
AC 100-270 Diesel	10	7.5	14	727	400	1275	2 & 2	270	211
AC 110-270 Diesel	11.7	10.1	14	1038	725	1115	2 & 2	270	221
AC 110-270 Diesel	11.7	10.7	14	765	440	900	2 & 2	270	378



Performance service kits

The Automan range is supported by service kits that come complete with all necessary parts for each specific service intervention.

- Genuine parts guarantee extended compressor service life and reliability.
- Cost-effective service solution based on optimum service intervals.
- Save time and administration – no need to determine individual service parts.
- Off-the-shelf availability.

Atlas Copco Automan Fluid

Automan Fluid is a lubricant specifically formulated to offer sustained lubricant properties even under demanding operating conditions.

Considering the low volume of oil in piston compressors, often less than 2 liters, the apparent economy of lesser quality oils is simply not worth the risk.





Atlas Copco

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Read all safety instructions in the manual before usage.