AUTOMAN

Piston compressors
(0.75-8.1 kW / 1-11 hp)

Atlas Copco

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-aluminium, 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 E 6

AH 15 E 6

AH 15 E 24

AH 20 E 6

AH series Oil free 230V 1 phase -8 bars/115 psig

Direct drive portable or mobile -6,9 or 24 liters horizontal receiver

Model	Installed power		Piston displacement		rpm	Cylinders &Stage	Receiver (l)	Mass	
	hp	kW	l/s	cfm				kg	lbs
AH10E6	1	0,75	100	3,5	1420	1 & 1	6	15	33
AH15E6	1,5	1,1	205	7,3	2850	1 & 1	6	14	30
AH20E6	1.5	1.1	205	7,3	2850	1 & 1	9	19	42
AH15E24	1,5	1,1	205	7,3	2850	1 & 1	24	22	48

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 aluminium alloy – a material also used in high-performance car engines. Its excellent heat transfer capability and high tensile strength makes it especially suitable in 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 and certified air receiver with manual condensate drain device.
- 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 30 E 2

AF 20 E 10

AF 25 E 50

AF 30 E 24

AF 25 E 6

AF Series , 230 V1 phase 10 bars/145 psig for AF 25 , 400 V 3 phases 10 bars/145 psig and 230 V1 phase 10 bars/145 psig for AF30
Direct drive stationary or mobile -9, 10, 2 x 11, 20, 24, 50 or 90 liters horizontal receiver

Model	Installed power		Piston displacement		Free Air Delivery		rpm	Cylinders & Stages	Receiver (l)
	hp	kW	l/s	cfm	l/s	cfm			
AF30E24	3	2,2	300	10,5	200	7,1	2850	2 & 1	20
AF25E90	2,5	1,85	250	8,8	122	4,3	2850	1 & 1	90
AF30E2x11	3	2,2	300	10,5	200	7,1	2850	2 & 1	11+11
AF25E10	2,5	1,85	250	8,8	122	4,3	2850	1 & 1	10
AF25E24	2,5	1,85	250	8,8	122	4,3	2850	1 & 1	24
AF25E50	2,5	1,85	250	8,8	122	4,3	2850	1 & 1	50
AF25E6	2,5	1,85	250	8,8	122	4,3	2850	1 & 1	9

AC BELT DRIVE SERIES: SOLID TRADITION

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

Made in Italy

- 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 – 27, 50, 90, 200, 270 or 500 l horizontal receiver and 150 or 270 l vertical receiver as a space saving option.
- Wheels and handle, according to model.
- 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.

NEW SINGLE STAGE PUMP

- Improved cooling
- Low noise levels
- Low running speed
- Increased pump displacement

AC 55 E 500 T

AC 55 E 270 H

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

AC series 230 V 1 phase - 10 bar(e)/145 psig

Belt drive - stationary or mobile - 27, 50, 90 or 200 l horizontal or 150 l vertical receiver

Model	Installed power		Piston displacement		Free Air Delivery		rpm	Cylinders	Stages
	hp	kW	l/s	cfm	l/s	cfm			
AC 21 E	2	1.5	3.1	6.6	1.8	3.8	777	2	1
AC 31 E	3	2.2	5.9	12.3	3.2	8.9	950	2	1

AC series 230 or 400 V 3 phase - 10 bar(e)/145 psig for AC 20-30 E, 11 bar(e)/160 psig for AC 40-100 E

Belt drive - stationary or mobile - 50, 90, 200, 270 or 500 l horizontal or 270 l vertical receiver - Star Delta starter from 5.5 hp

Model	Installed power		Piston displacement		Free Air Delivery		rpm	Cylinders	Stages
	hp	kW	l/s	cfm	l/s	cfm			
AC 21 E	2	1.5	3.1	6.6	1.8	3.8	777	2	1
AC 31 E	3	2.2	5.8	12.3	3.2	6.8	950	2	1
AC 40 E	4	3	7.7	16.3	5.7	12.1	1303	2	2
AC 55 E	5.5	4	10.6	22.4	6.9	14.6	975	2	2
AC 75 E	7.5	5.5	13.9	29.5	10.7	23.3	663	2	2
AC 100 E	10	7.5	16.7	35.4	12.9	27.5	795	2	2

AC series 230 or 400 V 3 phase - 14 bar(e)/203 psig

Belt drive - stationary - 300 or 500 l horizontal or 270 l vertical receiver – Star Delta starter from 5.5 hp

Model	Installed power		Piston displacement		Free Air Delivery		rpm	Cylinders	Stages
	hp	kW	l/s	cfm	l/s	cfm			
AC 40 T	4	3	5.3	11.2	3.9	8.3	896	2	2
AC 55 T	5.5	4	8.1	17.2	5.3	11.2	750	2	2
AC 75 T	7.5	5.5	11.2	23.6	8.6	18.2	600	2	2
AC 100 T	10	7.5	13.9	29.5	10.7	22.7	663	2	2

PETROL AND DIESEL DRIVEN COMPRESSORS

Automan petrol and diesel versions are specifically designed for those applications where no or not enough 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 to supply local compressed air. The two diesel variants also allow you to combine **compressed air with a generator** for your own electrical supply.

Petrol & diesel series 10-14 bar/145-203 psig

PETROL & DIESEL DRIVEN COMPRESSORS	Type	Motor			Vessel	Pressure		Free Air Delivery		Weight
Model		hp	kW	Fuel	ltr	bar	psig	l/m	cfm	
AC 41E100 Petrol	Mobile	3.5	2.6	Petrol	100	10	145	144	5.1	71
AC 56E50 Petrol	Mobile	4.8	3.6	Petrol	50	10	145	205	7.3	73
AC 56E100 Petrol	Mobile	4.8	3.6	Petrol	100	10	145	205	7.3	94
AC 56E200 Petrol	Mobile	4.8	3.6	Petrol	200	10	145	205	7.3	120
AC 56E11+11 Petrol	Mobile	4.8	3.6	Petrol	11+11	10	145	205	7.3	70
AC 56E11+11R Petrol	Rollbar	4.8	3.6	Petrol	11+11	10	145	205	7.3	70
AC 71E25+25R Petrol	Rollbar	7.1	5.3	Petrol	25+25	10	145	282	9.9	143
AC 71T270 Petrol	Stationary	7.1	5.3	Petrol	270	14	203	282	9.9	223
AC 100T270 Petrol	Stationary	10.7	8.2	Petrol	270	14	203	415	14.7	235
AC 71T270 Diesel	Stationary	7	5.2	Diesel	270	14	203	400	14.2	239
AC 110T270 Diesel	Stationary	11	8.1	Diesel	270	14	203	725	25.6	258
AC 75T270 Diesel 2KvA	Stationary	7.5	5.6	Diesel	270	14	203	275	9.7	265
AC 110T270 Diesel 2KvA	Stationary	10.9	8.2	Diesel	270	14	203	320	11.3	270

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.

Sustainable Productivity

We stand by our responsibilities towards our customers,
towards the environment and the people around us.
We make performance stand the test of time.
This is what we call – Sustainable Productivity.

LLOYD'S REGISTER • LRQA

ISO 9001 • ISO 14001
OHSAS 18001

Atlas Copco

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