

# Atlas Copco

Piston Compressors

Automan Series (0.75-8.1 kW / 1-11 hp)



*Sustainable Productivity*

*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 230 Volt 1 phase - 8 bar(e)/115 psig

Direct drive - portable or mobile - 6 or 24 l horizontal receiver

Model	Installed power		Piston displacement		rpm	Cylinders	Stages	Mass	
	hp	kW	l/s	cfm				kg	lbs
AH 10 E 6 silent, portable	1	0.75	1.4	2.9	1450	1	1	15	33
AH 15 E 6 portable	1.5	1.1	2.6	5.6	3400	1	1	10	22
AH 15 E 24 mobile	1.5	1.1	2.6	5.6	3400	1	1	18	40
AH 20 E 6 roll cage, portable	2	1.5	3.2	6.8	2850	1	1	22	48

## 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.

# 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 20 E 6



AF 20 E 10



AF 20 E 24



AF 30 E 22



AF 30 E 24

**AF series 230 Volt 1 phase - 8 bar(e)/115 psig for AF 20 E or 10 bar(e)/145 psig for AF 30 E**

Direct drive - stationary or mobile – 2 x 11, 6, 10, 24, 50 or 90 l receiver

Model	Installed power		Piston displacement		Free Air Delivery		rpm	Cylinders	Stages
	hp	kW	l/s	cfm	l/s	cfm			
AF 20 E	2	1.5	3.2	6.8	1.7	3.6	2850	1	1
AF 30 E	3	2.2	5.2	11	3.1	6.6	1450	2	1

# AC belt drive series: solid tradition

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



AC 75 E 300 V



AC 20 E 90 H



AC 55 E 270 H

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

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

Model	Installed power		Piston displacement		Free Air Delivery		rpm	Cylinders	Stages
	hp	kW	l/s	cfm	l/s	cfm			
AC 20 E	2	1.5	3.1	6.6	1.8	3.8	916	2	1
AC 30 E	3	2.2	5.8	12.3	4.2	8.9	1059	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 alternatively 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 20 E	2	1.5	3.8	8.1	2.2	4.7	1120	2	1
AC 30 E	3	2.2	5.8	12.3	4.2	8.9	1059	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 alternatively 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	530	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 psi

PETROL & DIESEL DRIVEN COMPRESSORS Type	Model	Motor			Vessel	Pressure		FAD @ 7 bar		Weight
		hp	kW	Fuel	ltr	bar	psi	l/s	cfm	
AC40E100 Petrol	Mobile	4.0	3.0	Petrol	100	10	145	144	5.1	71
AC55E50 Petrol	Mobile	5.5	4.1	Petrol	50	10	145	205	7.2	73
AC55E100 Petrol	Mobile	5.5	4.1	Petrol	100	10	145	205	7.2	94
AC55E200 Petrol	Mobile	5.5	4.1	Petrol	200	10	145	205	7.2	120
AC55E11+11 Petrol	Mobile	5.5	4.1	Petrol	11+11	10	145	205	7.2	70
AC55E11+11R Petrol	Rollbar	5.5	4.1	Petrol	11+11	10	145	205	7.2	70
AC71E25+25R Petrol	Rollbar	7.1	5.3	Petrol	25+25	10	145	282	10.0	143
AC71T270 Petrol	Stationary	7.1	5.3	Petrol	270	14	203	282	10.0	223
AC100T270 Petrol	Stationary	10.0	7.4	Petrol	270	14	203	415	14.7	235
AC71T270 Diesel	Stationary	7.1	5.3	Diesel	270	14	203	400	14.1	239
AC110T270 Diesel	Stationary	11.0	8.1	Diesel	270	14	203	725	25.6	258
AC75T270 Diesel 2KvA	Stationary	7.5	5.6	Diesel	270	14	203	275	9.7	265
AC110T270 Diesel 2KvA	Stationary	11.0	8.1	Diesel	270	14	203	320	11.3	270
Silencer extension kit Petrol	Option	-	-	Petrol	-	-	-	-	-	-
Silencer extension kit Diesel	Option	-	-	Diesel	-	-	-	-	-	-



### **Driven by innovation**

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



### **Building on interaction**

As part of our long-term relationship with our customers, we have accumulated extensive knowledge of a wide diversity of processes, needs and objectives. This gives us the flexibility to adapt and efficiently produce customized compressed air solutions that meet and exceed your expectations.



### **A committed business partner**

With a presence in over 170 countries, we will deliver high-quality customer service anywhere, anytime. Our highly skilled technicians are available 24/7 and are supported by an efficient logistics organization, ensuring fast delivery of genuine spare parts when you need them. We are committed to providing the best possible know-how and technology to help your company produce, grow, and succeed. With Atlas Copco you can rest assured that your superior productivity is our first concern!

