

# Automan

1.5-7.5 kW / 2-10 hp

Oil-lubricated piston compressors for the workshop



Multi Purpose, Minimum Maintenance

*Atlas Copco*



# Automan : Air compressors for workshops, professionals and semi-professionals



**B**acked by more than a century of leading the compressor industry, Atlas Copco products stand for the best in quality and efficiency. While Atlas Copco masters all the technologies for air compression and can offer the most complete range of products, we actually started building piston compressors back in 1904. Today, together with our customers, we benefit from a huge experience and know-how that no-one else can offer. This is how we excel compared to our competitors.

*HIGH COOLING FINS* on both the aluminum cylinder head and the cylinder itself, result in an optimal heat dissipation

High efficiency and easily accessible *AIR FILTER* guarantees a longer lifetime

A factory fill with Atlas Copco *AUTOMAN OIL* guarantees smooth operation and longer lifetime

*IEC approved electrical MOTOR*

*WHEEL set and handle* (on 10 to 100 liter) on the CE approved receiver that is supplied with suction feet (mobile units) for a stable operation

*INLET AND OUTLET VALVES* are made of stainless steel to ensure longer lifetime. These valves are designed for better efficiency

Special attention is given to the *COOLING* by guiding the cooling air directly over the hot parts of the compressor

Direct start or *STAR/DELTA* start available for smooth starting of models from 4 HP

*Safety valve and temperature sensor* (on 8-10bar) or *overload relay* (12bar) ensures a safe operation

The *PRESSURE SWITCH* with integrated unloader is used for smooth start-ups and continued automatic operation



The *PRESSURE REDUCER* and supply cable on the mobile units as well as the manometer make that the Automan is easy to install and easy to operate whenever needed

## AF

The **AF** series is designed for the professional and semi-professional. It combines reliability and ease-of-use in one package.

*Reliability* is achieved through a careful attention to the design and technical features of the Automan.

*Ease-of-use* is achieved by focusing on the compact and light weight design. A wide choice of models ensures that there is a solution for every application that requires a compact and light weight compressor. This is realised by directly connecting the compressor to the motor and by using small receivers from 3 to 100 liter.









## AC

The **AC** series are slow running compressors that will typically serve the workshops or garages that frequently need more air at *higher* working pressure of 10 or 12 bar.










In the wide AC range compressors are offered from 2 to 10 HP, on vessels from 25 to 500 liter. Similar to the AF series, there is a solution for every application. Special features such as the large *cooling fan* and the special *aftercooler* (on models from 4HP), together with the low rotation speed, make the AC the solid brother of the AF Automan. The AC Automan makes sure that continuous operation is secured combined with a minimum of maintenance in a wide range of applications.

# Technical data

## AF

 8 bar			230V	230V	400V	400V						
	kW	HP	1-phase -M	3-phase Y/D -TS	3-phase DOL -T	3-phase Y/D -TS	liter	l/s	rpm	l/w/h (mm)	kg	
AF 20 E3	1.5	2	•	-	-	-	3	3,6	1	2850	460/330/520	18
AF 20 E10	1.5	2	•	-	-	-	10	3,6	1	2850	420/370/680	22
AF 20 E25	1.5	2	•	-	-	-	25	3,6	1	2850	600/280/590	26
AF 20 E50	1.5	2	•	-	-	-	50	3,6	1	2850	850/380/730	34
AF 20 E100	1.5	2	•	-	-	-	100	3,6	1	2850	1080/400/790	51
AF 30 E40	2.2	3	•	-	-	-	2x20	6	2	2850	700/500/700	54

## AC

 10 bar			230V	230V	400V	400V						
	kW	HP	1-phase -M	3-phase Y/D -TS	3-phase DOL -T	3-phase Y/D -TS	liter	l/s	rpm	l/w/h (mm)	kg	
AC 20 E25	1.5	2	•	-	-	-	25	4,4	2	1130	770/350/690	38
AC 20 E50	1.5	2	•	-	-	-	50	4,4	2	1130	850/380/730	46
AC 20 E100	1.5	2	•	-	•	-	100	4,4	2	1130	1080/400/790	60
AC 20 E90	1.5	2	•	-	•	-	90	4,4	2	1130	1080/400/790	60
AC 30 E50	2.2	3	•	-	-	-	50	5,6	2	1230	850/380/730	71
AC 30 E100	2.2	3	•	-	•	-	100	5,6	2	1230	1080/400/790	85
AC 30 E90	2.2	3	•	-	•	-	90	5,6	2	1230	1080/400/790	85
AC 30 E200	2.2	3	•	-	•	-	200	5,6	2	1230	1450/460/940	92
AC 40 E200	3	4	-	•	•	-	200	8,1	2	1230	1450/460/940	123
AC 40 E300	3	4	-	-	•	-	270	8,1	2	1230	1510/500/1180	139
AC 55 E300	4	5.5	-	•	•	•	270	10,3	2	1190	1510/500/1180	155
AC 55 E500	4	5.5	-	•	•	•	500	10,3	2	1190	1862/600/1300	205
AC 75 E 500	5.5	7.5	-	•	•	•	500	16,7	2	1190	1862/600/1300	218
AC 100 E500	7.5	10	-	-	•	•	500	18,6	4	1125	1862/600/1300	255
 12 bar												
AC 40 T300	3	4	-	•	•	-	270	6,4	2	1230	1510/500/1180	150
AC 55 T300	4	5.5	-	•	•	-	270	8,9	2	1190	1862/600/1300	205
AC 55 T500	4	5.5	-	•	•	•	500	8,9	2	1190	1862/600/1300	205
AC 75 T500	5.5	7.5	-	•	•	•	500	13,9	2	1190	1862/600/1300	218
AC 100 T500	7.5	10	-	-	•	•	500	16,4	4	1125	1862/600/1300	255



## Minimum maintenance

All Automan models are built for easy maintenance. The Automan oil, approved by Atlas Copco is the guarantee for a continuous operation and a longer lifetime.



2l oil can- 2901 1606 00  
5l oil can- 2901 1607 00

For a 100% trouble free lifetime, the 2-year service kit is available. This kit includes the oil, filters and belt that is needed to allow the proper maintenance and to ensure the smooth operation that the Automan range is designed for.



2-year service kit (1)		Oil content (liter)
6219 0876 00	AF 20	0,12
6219 0877 00	AF 30	0,12
6219 0827 00	AC 20	0,12
6219 0828 00	AC 30	0,7
6219 0829 00	AC 40 (10bar)	1
6219 0830 00	AC 40 (12bar)	2
6219 0831 00	AC 55 & AC 100	2&2,5
6219 0832 00	AC 75	2,2

### AC CONNECT

To maximize customer service, Atlas Copco developed AC Connect, a dedicated order handling system through which your order is processed immediately. Spare parts are dispatched the same day and delivered to any location across the globe.



Never use compressed air as breathing air without prior purification in accordance with local legislation and standards.

**Atlas Copco**



#### ISO 14001

Atlas Copco's Environmental Management System forms an integral part of each business process.



#### ISO 9001

From design to production and delivery of compressors, Atlas Copco adheres to the ISO 9001 management system.