



# 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 10/15 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/min               | 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 2X11



AF 20 E 10



AF 25 E 50



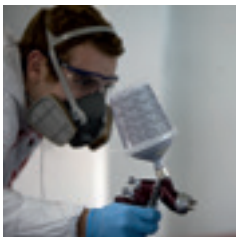
AF 30 E 24



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/min               | cfm  | l/min             | 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.



- ▶ 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<br>Model | Type       | Motor |     |        | Vessel<br>ltr | Pressure |      | Free Air Delivery |      | Weight |
|---------------------------------------------|------------|-------|-----|--------|---------------|----------|------|-------------------|------|--------|
|                                             |            | hp    | kW  | Fuel   |               | 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.

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## 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.



[www.atlascopco.com](http://www.atlascopco.com)

