

Atlas Copco

Cast iron piston compressor

ATB series / Oil-lubricated (1.5-15 hp / 1.1-11 kW)



Quality you can count on

Small businesses have big responsibilities. The Atlas Copco ATB delivers the quality compressed air you need to get the job done. All day, every day. These cast iron piston compressors are built to your needs and will give you a lifetime of Atlas Copco performance and reliability.

Easy to move

- Standard metal wheels for 140L and 270L tanks.
- Built in forklift feet for 270L and 500L tank.
- Single-phase units are equipped with two solid rubber wheels and two rubber feet.

Certified

- All units come with required certification certification for motor and tanks.

Efficient

- High-efficiency IP54 motors.
- Stainless steel valves and valve plates minimize energy losses.

Easy to use

- Large sight glass on the pump makes it easy to check the oil level.
- Single-phase units come with a filter regulator, quick couplings and a hand bar panel for easy control.

Reliable

- Condor pressure switch installed on all models.
- Slow-turning, super strong cast iron pumps with 2-year warranty.
- Shaft, connecting rod and cylinders are also made of cast iron.
- Cylinder heads with deep cooling fins, cast iron flywheel and copper outlet pipe ensure strong cooling.

BUILT TO WORK FOR YOU



- ✔ **Condor pressure switch**
 Installed on all models to maximize reliability and performance.



- ✔ **Metal belt guard**
 Protects both operator and compressor belts.



- ✔ **Certified tanks according to local regulations (MOM, ASME & CE)**
 Capacities ranging from 50 to 500 liters to meet your needs.



- ✔ **Electrical cubicle box**
 On all 15-hp units for optimal installation.



- ✔ **Filter regulator and hand bar panel**
 For easy control. Only for single-phase compressors.

TECHNICAL SPECIFICATIONS 50Hz

| Model | Displacement | | Free air delivery | | Max. pressure | | Speed rpm | Noise dB(a) | Motor | | | | Tank L | Pump Cyl/St | Dimensions L x W x H mm | Weight kg |
|------------|--------------|------|-------------------|------|---------------|-----|--------------|----------------|-------|-----|----------|-------------|-----------|----------------|-------------------------------|--------------|
| | l/min | cfm | l/min | cfm | bar | psi | | | hp | kW | V/Ph/Hz | Current (A) | | | | |
| ATB 1-50 | 190 | 6.7 | 135 | 4.8 | 10 | 145 | 940 | 71 | 1.5 | 1.1 | 230/1/50 | 8.2 | 50 | 1/1 | 860x445x780 | 60 |
| ATB 2-100 | 300 | 10.6 | 190 | 6.7 | 10 | 145 | 1200 | 71 | 2 | 1.5 | 230/1/50 | 10 | 100 | 2/1 | 920x510x840 | 83 |
| ATB 3-150 | 400 | 14.1 | 260 | 9.2 | 10 | 145 | 995 | 73 | 3 | 2.2 | 230/1/50 | 15 | 150 | 2/1 | 1380x440x1040 | 171 |
| ATB 5-270 | 720 | 25.4 | 510 | 18 | 10 | 270 | 850 | 75 | 5.5 | 4 | 400/3/50 | 8.8 | 140 | 2/1 | 1360x440 x1040 | 225 |
| ATB 7-270 | 1030 | 36.4 | 650 | 23 | 10 | 145 | 770 | 77 | 7.5 | 5.5 | 400/3/50 | 13.6 | 270 | 3/1 | 1560x540x1240 | 250 |
| ATB 10-270 | 1470 | 51.9 | 910 | 32.1 | 10 | 145 | 800 | 77 | 10 | 7.5 | 400/3/50 | 15.4* | 270 | 3/1 | 1560x640x1280 | 290 |
| ATB 15-500 | 2150 | 75.9 | 1420 | 50.1 | 10 | 145 | 870 | 78 | 15 | 11 | 400/3/50 | 23.7 | 500 | 4/1 | 2000x710x1370 | 465 |

* Singapore variant 17A

SERVICE KITS AND SPARE PARTS

The Atlas Copco ATB is supported by a full range of service kits that come complete with all necessary parts and oils:

- 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's Piston Oil was specifically developed to offer sustainable lubricant properties even under demanding operating conditions.

DIMENSIONS

