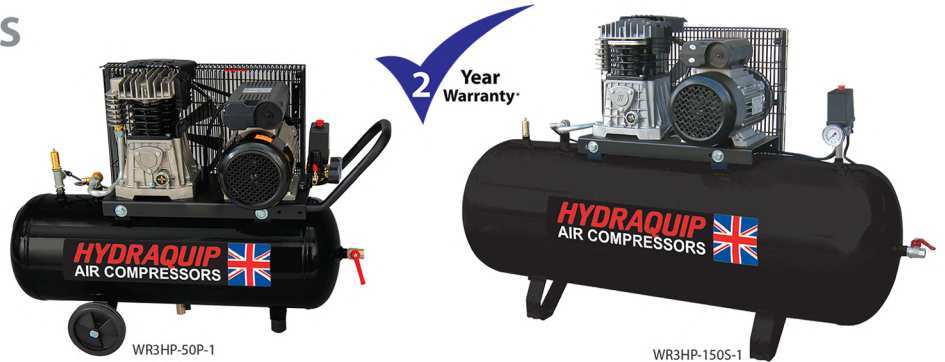


Belt Driven Compressors

230V

Key Features

- Cast iron blocks on all models
- Air receivers built to latest European standards 2014/29EU
- Heavy duty industrial motors c/w overload protection
- Twin cylinder pumps
- Fitted aftercoolers
- Aerodynamic flywheels for efficient cooling
- Automatic stop/start controls
- Slow running pump speeds giving lower noise levels & longer life expectancy
- Full back up by factory trained engineers
- 2 year conditional warranty



Order Code	HP	Tank Litres	Displacement CFM	FAD CFM	Electrical Phase	Dimensions mm L x W x H
WR3HP-50P-1	3.0	50	13	9	1	1010 x 360 x 730
WR3HP-150S-1	3.0	150	13	9	1	1350 x 540 x 1040

400V

Key Features

- Cast iron blocks on all models
- Air receivers built to latest European standards 2014/29EU
- Heavy duty industrial motors c/w overload protection
- Twin cylinder pumps
- Fitted aftercoolers
- Aerodynamic flywheels for efficient cooling
- Automatic stop/start controls
- Slow running pump speeds giving lower noise levels & longer life expectancy
- Full back up by factory trained engineers
- 2 year conditional warranty



Order Code	HP	Tank Litres	Displacement CFM	FAD CFM	Electrical Phase	Dimensions mm L x W x H
WN5.5HP-200S	5.5	200	21	17	3	1520 x 480 x 940
WN7.5HP-270S	7.5	270	29	23	3	1600 x 500 x 1040

Low Noise Piston Compressor

230V

Key Features

- A compact air compressor that still delivers a high-level of quality performance and is great value for money.
- Durable and reliable.
- Along with this model we also offer a fantastic range of accessories for any air compressor in our range.

Featuring

Air distribution panel

Complete with

Air pressure regulator and quick release coupling



Order Code	Model	Motor HP	Voltage	PSI	Tank Litres	Displacement CFM	FAD CFM	Noise Level dB(A)	Dimensions mm L x W x H
1121340908	AB200/360	3.0	230	145	200	12.4	9	70	1410 x 580 x 1130

Compressed Air Guide

Single Stage Compressors

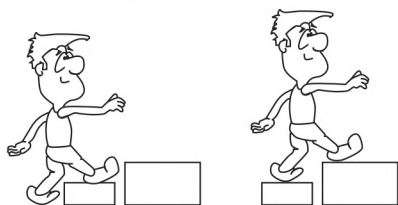
One or more cylinders producing the final pressure in one compression. Normal maximum pressure 150 psi.



Two Stage Compressors

First Stage: Air is compressed to approximately 30 psi. cooled then compressed to final pressure in the second stage. Normal maximum pressure 200 psi.

Note: Two stage provides more air for less energy.



Power Supply

Single Phase

Standard supply for domestic and light industry 230V.

- 5A light circuit Not suitable for equipment
- 13A ring main Max 2.5 HP std compressor
- 16A 3 HP compressors
- 30A cooker/shower Max 4 HP compressor

Main benefit of Single Phase

- Excellent second-hand resale value

Three Phase

Main electrical supply to industry.

- 400V any size of compressor

Main benefits of Three Phase

- Approx 2/3 cost saving over single phase
- Stable supply
- Longer motor life

Air Equipment Consumption Guide

Tools	FAD/CFM	Pressure PSI
3/8" Impact Wrench	2-3	70-90
1/2" Impact Wrench	4-6	70-90
3/4" Impact Wrench	9	70-90
1" Impact Wrench	14	70-90
3/8" Ratchet Wrench	2-5	70-90
1/2" Ratchet Wrench	2-5	70-90
3/8" Drill	5	70-90
1/2" Drill	12	70-90
DA Sander (top quality)	10	70-90
DA Sander (econ. model)	20	70-90
7" Sander/Polisher	25	70-90
Zip/Impact Cutter	4-5	70-90
Cutter Shears	4-8	70-90
4" Angle Grinder	18-25	70-90
7" Angle Grinder	25-35	70-90
Tyre Inflator	2-4	150-230
Tyre Changer (Manual)	4	150
Tyre Changer (Auto)	6	150
Sand Blast Cabinet	10-50	50-100
Sand Blast Hand Gun	8-12	100
Spray Guns:		
Airbrush	0.25	30
Miniature	4-7	20-50
Low Pressure	1.5-4	20-40
Standard	7-14	50-60
HVLP	14-20	70-90
HA/GEO/9000 series LVLP	7-9.5	28-36
Air Fed Mask	5-6	20-40
Oil Pump	1.5	100-150
Grease Pump	4.5	100-150
Air Water Wash	10	150
Car Wash	1.5-5	70-100
Blow Gun (safety nozzle)	3	100
Spark Plug Cleaner	3	100
Underseal Gun	4	100
Rivet Gun	1.5-3	70-90
2 Ton Air/Hydraulic Lift	5-8	130-150
Brake Tester	3-7	75-100
Plasma Cutter	6-8	60-100

Note: The figures in the Air Equipment Consumption Table are only a guide.

Choosing the Right Compressor

Three phase compressors are more efficient producers of compressed air than single phase equivalent units, so where a three phase supply is available the best option is the three phase compressor.

Single phase compressors up to 2.5 HP can operate from a 230V 13A power supply. Wherever possible choose a larger compressor than you require at present to allow expansion. Compressors with cast iron cylinders running slow, offer a much extended service life.

- 1) Bodysop** - using the air equipment consumption guide, add all the equipment consumptions together and divide by two, the resulting figure is the minimum free air you require.
- 2) Workshop** - using the air equipment consumption guide, add all the equipment consumptions together and divide by three, the resulting figure is the minimum free air you require.

Note: For calculation purposes always use free air delivered figures.

Compressor Size Guide

A) Ask Questions

- 1 What is the air to be used for?
- 2 What is the maximum pressure required? (see consumption guide)
- 3 What electricity supply is available? (single/three phase)
- 4 What size compressor is currently in use? (See calculation guide below)
- 5 How well does the existing compressor cope?
- 6 What are the future plans for additional staff/equipment?

B) Complete Following List

- 1 Number of tools and type
- 2 Number of users
- 3 Air consumption of largest tool/equipment using air

C) Complete survey form

D) Select compressor from catalogue
(Use only free air figures)

Note:

Quick guide to CFM/FAD output (approx) of existing compressor

Multiply motor HP by 3.3 = output in CFM/FAD

Multiply motor kW by 4.5 = output in CFM/FAD

Multiply motor kW by 2.1 = output in L/Sec /FAD