



**Air Industrial Equipment
Green Way
Harlow Business Park
Harlow
Essex
England
CM19 5QJ**

**Telephone: 01279 454999
Fax: 01279 454997
E-Mail: email@aiedirect.co.uk
Website: www.aiedirect.co.uk**

**MODEL HW25i CAST IRON LOW SPEED HEAVY DUTY COMPRESSOR
WITH INVERTER.**

If you need a reliable source of compressed air from a single phase power supply, this compressor is the answer.

Specifications:	Hp	5.5
	Pump Rpm	950
	Kw	4.0
	Volts/Phase	200-240V/1
	Receiver Capacity	200
	Max Working Pressure	150psi/10.3 bar
	Cylinder/Stage	3/2
	Flywheel Diameter (cm)	400
	Displacement CFM/L/min	23.0/650
	FAD@100psi (7 bar) CFM/L/min	17.2/485
	Dimensions (cm)	147Lx48Wx112H
	Approx Weight Kg	230
	Built to BSEN286 specification design approval Lloyds Register.	

This model is supplied with an industrial rated inverter, RF Filter, circuit breaker and isolator switch.

It is a ready to run complete packaged unit, with 2 meters of flexible conduit to wire in to a 30 Amp. single phase power supply. Should at anytime your premises receive a drop in voltage or be liable to receive lower voltage than normal, to continue operating, you simply re-program the inverter to match the supply voltage. The compressor will operate between 200 and 240 volts.



AIR INDUSTRIAL EQUIPMENT

This highly reliable compressor is manufactured from the highest quality Cast Iron for efficiency and long wear. It is built in the UK at our Harlow production and service centre, using high precision modern production methods.

The compressor is run by an industrial grade, reliable electric motor.

The compressor contains: -

Large Disc-Type Valves - made from Swedish steel for high efficiency and long wear.

Long-life Cylinders - precision-machined cylinder walls are honed glass-smooth to reduce friction and wear to a minimum. Extra deep fins provide increased cooling and greater strength.

Rings - long life industrial design compression and oil control rings are used to assure maximum performance.

Connecting Rods - precision bored, industrial quality designed connecting rods with a splash lubrication.

Balanced Crankshafts - made from a highly-tensile forged alloy steel precisely ground and dynamically balanced to ensure long life and smooth operation. The life of the bearings are extended by precisely ground journals.

Crankcase - Extra large with large oil reserve, assuring cool running and excellent lubrication.

Flywheel - Balanced fan flywheel with airfoil spokes, to provide a continuous powerful blast of cooling air for all parts of the compressor. The balancing assures a smooth operation with no vibrations. Quick cooling of the cylinder heads is achieved by the design of deep directional fins and compact streamlined air passages, allowing for a fast and efficient flow of intake air and rapid removal of discharge air.

Main Bearings - Only high quality ball bearings or tapered roller bearings are used which assure long life and easy maintenance.

Easy Oil Check - located at a convenient position for a "tell at a glance check" of the oil level in the crankcase.

Belt Drive - highly reliable belt drives are used to minimise machine downtime.

Automatic stop/start functions - Large intake filter silencer, safety valve, pressure gauge, service valve and air receiver drain tap.

*Warranty: All our compressors are guaranteed for 12 months from date of purchase, provided they are correctly selected, installed and maintained.