

IRONAIR®

2.5HP 50L BELT DRIVE COMPRESSOR

PART NO: TB1350DET (..126692)



TO PREVENT SERIOUS INJURY, READ
AND UNDERSTAND ALL WARNINGS
AND INSTRUCTIONS BEFORE USE.

OPERATING INSTRUCTIONS

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SPECIFICATIONS

Model	TB1250DET
POWER	240V/50Hz
Input power MOTOR(peak)	1.89kW
	9.5Amp
Start Volt	<195V
PUMP Speed	950rpm
Motor Speed	2850rpm
Tank Size	50L
Real FAD	190L/min
Pump up time 6-8 bar	~31s
MAX. PRESSURE	116PSI
	8 BAR
Bore and Stroke	2 x 65mm x 46mm
Quick Couplers	2
PACKAGE Size	93 x 38.5 x 72cm (L x W x H)
N.W/G.W	58/63kg

SAFETY INSTRUCTIONS

INSTRUCTION MANUAL

FORWARD

This manual is an integral part of your compressor that should be retained for future reference. Before operating your compressor read this manual carefully so as you are aware of its correct operation. If you are unclear on any feature please consult your dealer. The manual also contains information regarding safe operation and warnings with which you need to be familiar. You will also find simple maintenance procedures which if followed will prolong the life of your compressor and validate your warranty. The manual contains a spare parts list and drawings which are available from your dealer.

IMPORTANT INFORMATION

- Understand all operating procedures, safety precautions and warnings before operation.
- Most accidents occur as a result of failure to observe basic safety rules and precautions.
- Accidents can often be avoided by recognising potentially hazardous situations before they occur.
- Basic safety precautions are outlined in the “General Safety Warnings” section of this manual
- Hazards that can potentially cause injury or damage to the compressor are identified by warning labels on the compressor and in this manual.
- Never use the compressor in a manner or for purposes that it has not been designed for or recommended by the manufacturer.
- For single phase (240 v) models the “Warranty Requirements” check list must be validated. Your copy is included in the instruction manual.
- A Plant Risk Assessment is also available from the place of purchase
- Recommendations are made specifically regarding the workplace in addition to what is provided in this manual. Contact your place of purchase to secure your copy for your workplace.

WARNING LABELS



Read The Instruction Manual

Before positioning, operating or adjusting the compressor.



Risk of Electric Shock

Caution! Before commencing any tasks on your compressor it must be disconnected from the power/electricity supply



Risk of Accidental Start Up

Caution! Your compressor can start automatically without warning, it is designed to restart when it reaches its minimum pre set pressure. It may start after a power blackout and subsequent power re-supply.



Risk of High Temperatures

Caution! Your compressor has some parts which reach high temperatures that can cause burns.



Protective Gear Required

Caution! Ensure you wear the correct protective gear when operating the compressor (hearing and eye protection and dust mask).



Pressurised Parts

Caution! Some parts and components of your compressor are under high pressure which if damaged or tampered with may cause injury.



General Warning

Refer to the safety instructions that must be complied with in order to protect the operator and personal in the work place.



Moving Parts - Fan and Belt Guards

Caution! Take care around moving parts such as fans and belts. Secure fan and belt guards before operating compressor. Ensure you are not wearing loose clothing or jewellery and long hair is tied back or in a hair net.



Misuse

Compressor must be used safely, misuse may result in injury. Do not direct compressed air at any person or animal.

Note - Refer to recommended instructions and precautionary measures to facilitate maintenance and special procedures.

Specialised Personnel - Refer to operations that should be carried out by authorised service agents only.

Service & Spare Parts - Use only original spare parts from your dealer or authorised service agent. Failure to do so may void your warranty and/or cause damage to your compressor.

DESCRIPTION

Your compressor belongs to the coaxial (direct drive) or the piston/belt driven/reciprocating class. All compressors are on tanks that are manufactured according to Australian Standard AS-1210-2010. All compressors have their F.A.D. (Free Air Delivery) rated in accordance with Australian Standard AS-4637-2006 which makes it easy for you to identify what air equipment your compressor is capable of operating.

DESIGNED USAGE

Your compressor is designed to operate a variety of pneumatic tools & equipment. Such tools require different air volumes and pressures to operate correctly. Technical data of pneumatic tools and equipment should be provided by the manufacturer. Your dealer will assist you in making the correct choice or give you the correct advice if you are uncertain. Compressor pumps are designed for intermittent duty applications.

It is recommended that your compressor duty cycle never exceed 50%. This means that for a given time period such as a working day, your compressor should not operate for more than half of that time. It is also recommended that within that time period your compressor should not run continuously for more than 15 minutes.

Leaking air lines or poor installation may cause your compressor to run excessively. Always check for leaks. Your compressor should be switched off when unattended or not in use.

SUPPLIED WITH COMPRESSOR

1. Instruction Manual
2. Wheel and Handle Kit

GENERAL SAFETY WARNINGS

- Read the instruction manual prior to use, ensure all operators are trained and experienced in the operation of the compressor and have read the instruction manual.
- Learn how to operate all controls and how to stop the compressor in case of emergency.
- Before commencing any service, routine maintenance or inspection, ensure that your compressor is turned off, the power supply is disconnected and all pressure has been released from the tank.
- After all maintenance operations ensure that all components have been fitted correctly.
- Ensure compressor is assembled according to the manufacturer's instructions.
- Always wear correct safety gear when operating the compressor (hearing protection, safety glasses, dust masks).

- Do not wear loose clothing or jewellery and keep long hair tied back or in a hair net when operating compressor.
- Do not allow infants, animals or anyone who is not authorised by you to operate or be in the operating area of your compressor.
- Avoid electrocution! Never use your compressor if the electrical cord or electrical components are frayed or damaged in any manner. Inspect all cords regularly.
- Never spray paint in confined areas or near naked flames.
- Do not touch the cylinder heads, cooling fins and feed pipes during operation. They will be hot and may cause burns. Even when your compressor has been turned off these parts retain heat for some time.
- Do not leave flammable or plastic objects near your compressor.
- Never move your compressor with pressure still in the tank.
- Seek assistance if required when moving compressor.
- Never direct pressurised air at any person or animal.
- Never allow any person to operate your compressor unless they have read and understand this manual.
- Keep hands and loose objects clear of moving parts.
- Never operate your compressor without air filters.
- Never operate your compressor without the correct guards on moving parts and covers on electrical components.
- Never tamper with or attempt to adjust the pressure safety valve or valves.
- Never connect to your compressor an air line or hose that can not withstand the air flow rate and pressure that your compressor can deliver.

TRANSPORT AND HANDLING

UNPACKING

Your compressor will be packed on a wooden pallet with a cardboard cover or in a cardboard box. All packaging is marked showing the correct way up and the weight of the compressor. Always ensure that the compressor is the correct way up before unpacking.

If you store your compressor before unpacking it, ensure it is kept in a dry place with a surrounding temperature between 0-35 degrees celsius. If your compressor is stored for long periods it is recommended that the oil be replaced prior to commissioning.

Ensure to wear safety glasses when cutting packaging straps. After removing the cardboard cover or open the top of the box, lift it out of the box with adequate assistance (use a suitable mechanical lifting device if the compressor is too heavy, ensure the lifting device is operated by qualified personnel). Secure the wheels, vibration dampers and or rubber pads.

Compressors with tanks exceeding 100 litres capacity can be awkward to handle. Ensure that you keep the compressor well balanced at all times.

DISPOSAL OF PACKAGING

We recommend that you retain the packaging material for at least the warranty period. If disposing the packaging please do so in a correct manner that is friendly to the environment

SETTING UP AND COMMISSIONING

POSITIONING

Your compressor should be placed on a level surface. Inclines greater than 15 degrees will cause damage. Your compressor requires ventilation. Ensure that all flywheels, fans and cooling grills are unobstructed by any obstacles that may prevent air flow. Ensure that your compressor is in an environment that has clean air with a surrounding temperature between 5 -30 degrees Celsius.

COMMISSIONING

All compressors are pretested prior to delivery. To ensure that your compressor performs to the level that it was designed to, follow hereinafter instructions:

1. Check the oil level; check through the sight glass on the side of the compressor's pump or use the crankcase dip-stick. Oil should be up to MAX level.
2. After the first 50 hours of running replace the oil with one listed on page 16. Your dealer stocks replacement oil.
3. Check the label on the electric motor and ensure that your mains power supply is adequate and correct. Mains power should be provided through a plug that is connected via fuses and an earth connection
4. Single phase models are supplied with a 10amp or 15amp three pin plug. The plug wall socket or power point should not be used as an on/of switch.
5. Check that the drain plug on the underside of the tank is closed.

OPERATION WARNINGS

Before attempting to operate this compressor the following basic safety precautions should always be taken to reduce the risk of fire, electric shock and personal injury. It is important to read the instruction manual to understand the application, limitations and potential hazards associated with any tool. They are designed for the safety of yourself and others, ensuring a long and trouble free service life from your machine.

WORK AREA

Workbenches should be kept tidy because cluttered benches and work areas invite accidents. Floors should be kept clean and free from rubbish. Special care should be taken if the floor is slippery due to sawdust or wax.

WORK ENVIRONMENT

Keep the work area well lit. Do not use compressor in areas where there is a risk of explosion or fire from combustible materials, flammable liquids, e.g., paint, varnish, petrol etc or flammable gases and dust of an explosive nature.

GUARD AGAINST ELECTRIC SHOCK

Do not expose your compressor to rain, or use in damp or wet locations.

BEWARE CHILDREN AND PETS

Children and pets should be kept out of the work area.

USE THE RIGHT TOOL

Select the right tool for the job. Do not use a tool for a job for which it was not designed. Do not force a small tool to do the job of a heavy-duty tool.

PERSONAL SAFETY CLOTHING

Do not wear loose clothing, jewellery or anything that could get caught in moving machinery.

HAIR

Long hair should be tied back or contained in a protective covering.

EYE PROTECTION

Always use protective safety goggles or safety glasses.

EAR PROTECTION

Ear protection is advised during periods of extended operation.

FOOTWEAR

Where there is a risk of heavy objects damaging feet or if there is a risk of slipping on wet or slippery floors suitable non-slip safety footwear should be worn.

SECURE THE WORK PIECE

Wherever possible secure the work piece using clamps or a vice. It is safer than using your hand and leaves both hands free to control the air tool.

DO NOT OVER-REACH

Do not over-reach, keep proper footing and maintain your balance at all times.

MAINTAIN TOOLS WITH CARE

Keep cutting tools sharp and clean for better and safer performance. Follow the instructions for lubricating and changing accessories. Check the tool power cord periodically and if damaged have it replaced by an authorized service facility. Keep handles dry, clean and free from oil and grease. Ensure that ventilation slots are kept clean and free from dust at all times. Blocked ventilation slots can cause overheating and damage to the motor.

STAY ALERT

Watch what you are doing, use common sense, and do not operate the air tool when you are tired or have taken medication that causes drowsiness, consumed alcohol or drugs.

GENERAL WARNINGS FOR COMPRESSORS

- Do not attempt to modify the compressor in any way.
- The use of any tools or accessory other than those designed for use with compressed air could result in injury to the operator.
- The output pressure of the compressor should be adjusted to the design pressure of the air tool or accessory being used.
- Always check that the output of the compressor does not exceed the maximum pressure for any attached tool or accessory.
- Repairs should only be carried out by qualified persons using original spare parts. Failure to do so may result in considerable danger to the user.

BREATHABLE AIR WARNING

This compressor/pump is not equipped for, and should not be used to supply breathing quality air for any application of air for human consumption.

OVERLOAD PROTECTION

This compressor is fitted with an overload protection device. In the event that the motor becomes too hot, a thermal protection device will cut the mains supply to the motor. When the motor temperature returns to normal the mains supply will be restored automatically.

EXTENSION CORDS AND REELS

In general, it is not recommended to use an extension lead. A longer air line is recommended as voltage drop on extension leads may lead to motor damage and will void warranty. If an extension cord must be used, for lengths up to 5 metres, an approved 10 amp rated cord must be used.

DO NOT ABUSE THE POWER CORD

Never yank or pull on the power cord to disconnect it from the mains supply socket. Never carry or drag your compressor by its power cord. Keep the power cord away from heat, oil, solvents and sharp edges. If the power cord becomes damaged have it replaced by an authorized service facility.

CHECK FOR DAMAGED PARTS

Before using the compressor it should be carefully checked to determine that it will operate properly and perform its intended function. Check for the correct alignment of moving parts ensuring they do not bind. Check for broken or missing parts and have them replaced or repaired at an authorized service centre.

Check any other condition that may affect the operation of the compressor. A guard or any other part of the compressor that is damaged should be properly repaired or replaced by an authorized service centre.

DISCONNECT COMPRESSOR

Ensure that the compressor is disconnected from the mains supply and the tank is empty when not in use, before servicing, lubricating or making adjustments to air lines, and when changing accessories such as blades, bits, nails and cutters on air tools.

AVOID UNINTENTIONAL STARTING

Ensure that the switch is in the OFF position before plugging the compressor into the mains supply.

TURNING THE COMPRESSOR ON AND OFF

Use the red knob on top of the pressure switch to turn the unit on and off. Pull the knob up to turn the compressor on and push the knob in to turn it off. Turning the unit on and off from the mains supply only will result in damage to the motor and void warranty as the pressure switch has an additional function to purge the air trapped in the delivery pipe when the motor is turned off. This minimises the load on the motor when it is next started.

PREPARATIONS BEFORE USE

Before using your IRONAIR Compressor, follow these steps:

1. Remove all packing materials and any protective plastic bags, zip-tie labels or tags from the compressor cylinder head or oil plug.
2. Be sure the air filter is attached to the cylinder head.
3. Make sure the drain valve under the air tank is closed.
4. ADD OIL TO THE CRANKCASE. Oil has NOT been supplied in your air compressor. The oil level should be in the centre of the oil sight gauge on the pump. Use proper compressor oil only. See figure 1 below.
5. Connect to the power supply using the chord provided. Do not use an extension lead.

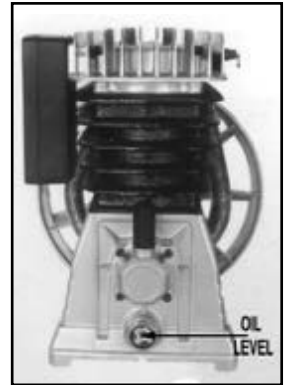


Fig. 1 Oil level indicator

NOTICE

The machine should never be run without the correct level of oil in the sump of the pump. The oil provides lubrication to the cylinder rings which deliver the compressed air. Severe damage to the internal moving parts can occur if there is not adequate oil flow. Check the oil level frequently, and change the oil on a regular schedule.

OPERATING INSTRUCTIONS

STARTING (FIG. 2)

After completing the installation, your compressor is ready to work.

1. Make sure the main switch is in position "OFF" (Fig. 2). Plug in the equipment.
2. Start up the compressor by turning the pressure switch to position "ON" (Fig. 2).
3. When starting the compressor for the first time, leave it running for about 10 minutes with air cocks (A) completely open (Fig. 3).
4. After 10 minutes, close cock (A) and make sure that pressure in the tank is properly delivered. The compressor stops automatically when the max pressure is reached as shown on the gauge (B).

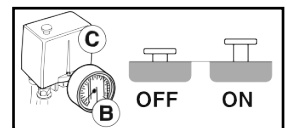


Fig. 2

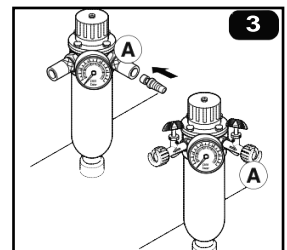


Fig. 3

NOTE: The pressure switch (C) (Fig.2), stops the motor at the max pressure setting and makes the compressor start again when pressure goes below the minimum threshold (i.e. about 2 bar less than the max pressure).

STOPPING

Never stop the compressor by unplugging it; rather turn OFF the switch located on the pressure switch (Fig. 2). The compressed air inside the compressor head will flow out and will make the re- start easier.

When the compressor runs correctly, you should note if:

1. A whistle of compressed air whenever the motor stops,
2. A protracted whistle (about 20-30 seconds) whenever you start the compressor with no pressure in the tank (single-phase model).

If either of these occur then there is an air leak. Operating the compressor with an air leak will overwork the motor because it will keep running until the max pressure is reached. Overworking the motor will cause early failure and voids warranty.

OVERLOAD CUT OUT (FIG. 4)

SINGLE-PHASE compressors are equipped with an overload cut out (E) (Fig. 4) which operates as a safety device to protect the motor. When the motor overheats because of any fault arisen, the overload cut out automatically releases and cuts off power, thus preventing motor from being damaged. Wait a few minutes (about 5) before resetting the device, then start working again. If you restart the compressor and the overload cut out releases again, turn the main switch to position "0" OFF, unplug the equipment, and contact the place of purchase.

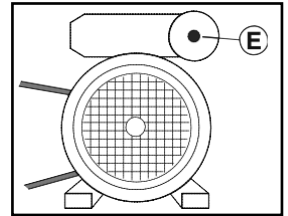


Fig. 4

HOW TO ADJUST WORKING PRESSURE (FIG. 5)

In order to use all accessories at their best, see the manual for the rated pressure value need for the accessory you are going to use.

1. Use of the pressure reducer (D) to adjust delivery compressed air pressure.
2. Turn the knob clockwise to increase pressure and anti-clockwise to reduce it. The pressure setting will appear on the gauge (E).
3. After having used your compressor, set pressure to zero, so as to avoid damaging the pressure reducer.

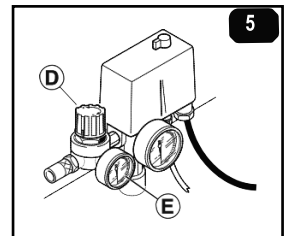


Fig. 5

PNEUMATIC CONNECTIONS

Always use air pipe, hose couplings and fittings that are designed to withstand the maximum pressure that your compressor can deliver. If you are unsure check with your dealer. Never repair faulty pneumatic connections.

MAINTENANCE



WARNING

In order to keep your compressor in good working conditions we recommend you perform periodical servicing operations. Before performing any maintenance operation, switch off the compressor, remove the power supply and release all air in the tank.

FIRST 50 WORKING HOURS

1. Ensure the compressor has been commissioned.
2. Check that all bolts are properly tight, paying special care to the head and crank case (Fig.6). Refer to the table below for recommended torque settings for cylinder head bolts.
3. Top up the compressor oil.

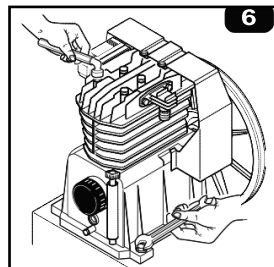


Fig. 6

TORQUE RANGES FOR TIGHTENING HEAD BOLTS

Bolt Size	Min Torque	Max Torque
M8	22.45Nm	27.43Nm
M10	45.28Nm	55.34Nm
M12	77.10Nm	94.23Nm
M14	123.00Nm	150.37Nm



WARNING

NEVER MIX DIFFERENT OILS TOGETHER

Do not use non-detergent oils, recycled oil or low quality oils as they have very poor lubricating properties.

Note: Do not pour oil down the drain. Contact your local council for correct disposal procedures.

WEEKLY OPERATIONS

CHECK OIL

Check the oil level and if necessary, top up. Do not exceed the mark corresponding to the max level (Fig. 7). Otherwise, make sure the oil does not drop below the minimum, so as to avoid any damage or seizure.

DRAIN TANK

Drain the tank condensation by opening the drain valve under the tank (Fig. 8), allow all the water to empty. Once empty, close the drain valve.

MONTHLY OPERATIONS

Clean air intake (or more frequently, if the compressor operates in very dusty areas)

Clean the Intake filter as follows (Fig. 9):

Remove the air filter and clean or change the filter element as required.

SPONGE ELEMENT: wash in a solution containing normal detergent, rinse and dry completely before refitting.

EVERY 6 MONTHS

CHECK OIL

In order to change the oil, remove the dipstick/plug and unscrew the screw (A) (Fig.10), then collect the oil into a container. The oil change should be done when the compressor is hot so the oil sump drains rapidly and completely. Once drained, replace the screw (A) in its housing and refill with fresh oil up to the max. level (for proper quantity, see the oil table enclosed to the instructions book).

Note: Do not pour oil down the drain. Contact your local council for correct disposal procedures.

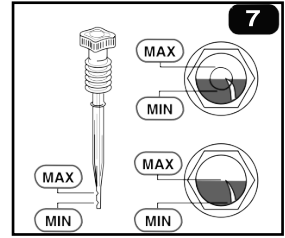


Fig. 7

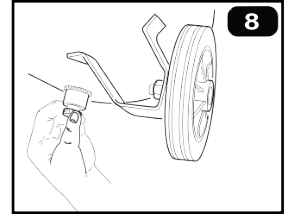


Fig. 8

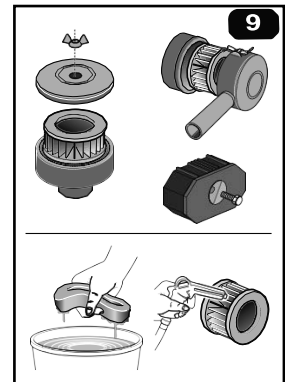


Fig. 9

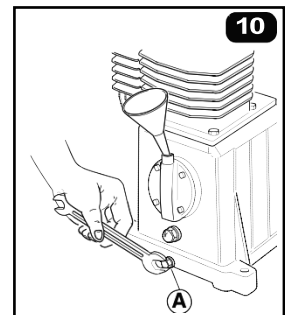


Fig. 10

GENERAL CLEAN

It is advisable to clean all the finned parts of your compressor to keep the cooling system efficient (Fig. 11).

Wipe down the compressor using a damp cloth and air dry. Keeping the compressor clean ensures a long work life.

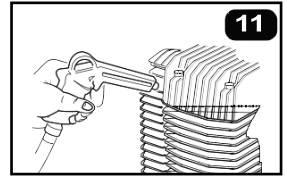


Fig. 11

CHECK BELT TENSION

Hang a weight of about 3 kg at the mid point of the belt (fig. 12). The belt flexion should be about 10mm. If the belt flexion is more than 10mm, the belt needs to be tightened by adjusting the position of the motor. With the compressor off and unplugged, loosen the bolts holding the motor to the saddle and gently slide it further away from the pump. Re-tighten the bolts and check the tension.

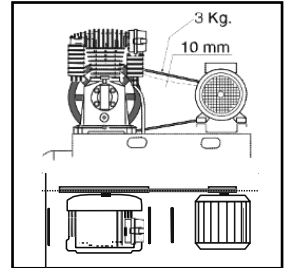


Fig. 12



WARNING

Take care not to disturb the pulley to flywheel adjustment.

If there is still slack in the belt or it needs to be replaced, please contact the place of purchase.

OPERATIONS TO BE CARRIED OUT EVERY 2 YEARS

VALVE CHECK

Check the non-return valve and if necessary replace the seal (D) (Fig. 13).

Check intake and delivery valves.

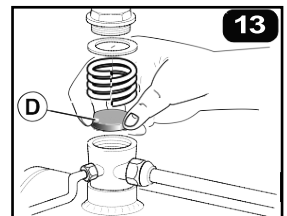


Fig. 13

SCHEDULED MAINTENANCE TABLE

Maintenance Operations	Every Week	Every Month	6 Months	2 Years
Checking the Oil Level	X			
Draining the Condensation	X			
Cleaning the Intake Filter		X		
General Cleaning of Compressor			X	
Replacing the Oil			X	
Check Belt Tension			X	
Check/Cleaning Valves				X

Standardised to DIN 51506 and ISO/DP6521.3

RECOMMENDED OILS

Room temperature below +5°C: ISO 68

Room temperature above +6°C: ISO 100

Room temperature above +25°C: ISO 150

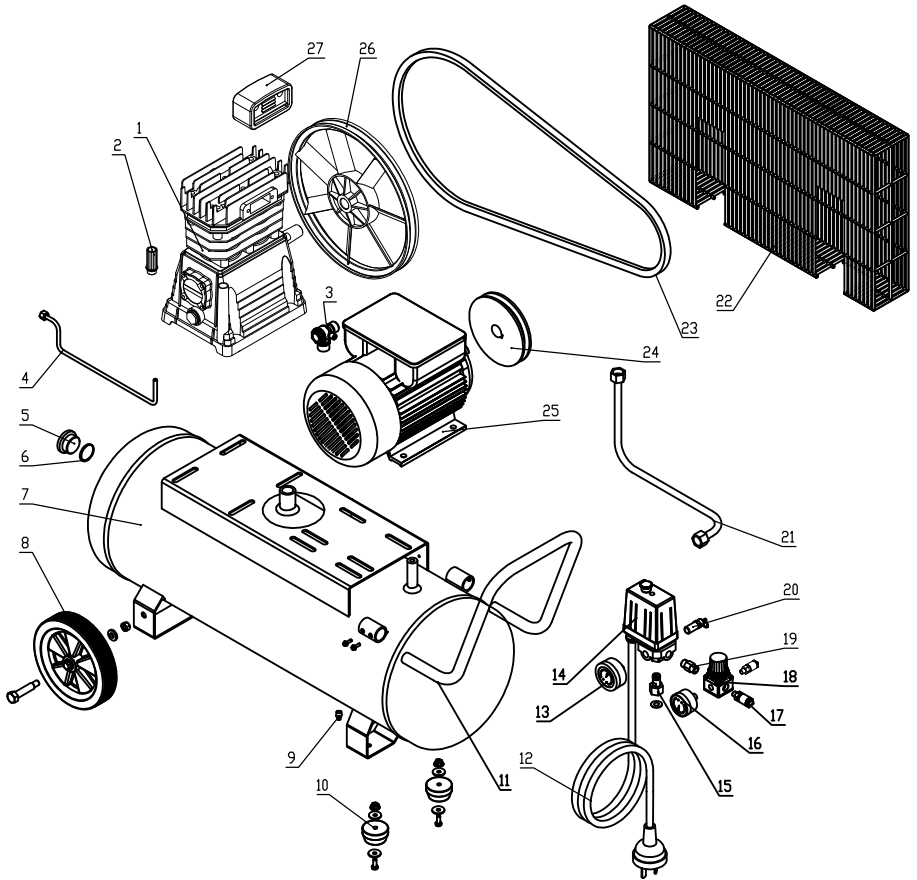
AGIP	DICREA100	MOBIL	RARUS 427
BP	ENERGOL CS100	FINA	EOLAN AC 100
SHELL	COREMA OIL H10	CASTROL	AIRCOL PD100
ESSO	EXXC OLUB H150	TOTAL	CORTUSA 100
FUCHX	RENOLIN 104L VG 100	API	CM-8X
IP	CALATIA OIL ISO 100		

(Suitable for room temperature ranging from +5°C to +25°C)

TROUBLE SHOOTING

Fault	Cause	Remedy
Pressure drop in the tank.	Air leaks at connections	Make the compressor get to maximum pressure. Switch it off and brush a soapy water solution onto all connections. Look carefully for air bubbles flowing out. Tighten those connections where leaks are present.
The pressure switch valve leaks when the compressor is idle.	Non-return valve seal defective.	Make air in the tank flow out. Then remove the non-return valve plug and clean the seat. If necessary replace the seal D, then mount again all components (Fig. 13).
The pressure switch valve leaks when the compressor has been running for more than 1 minute.	Failure of the empty-start valve.	Replace the valve.
The compressor stopped and does not start.	Overload cut out tripped (SINGLE-PHASE). Heat relay tripped (THREE-PHASE) Low oil level.	Power off through the pressure switch, then press the restart button (fig. 4). If the overload cut out or the relay trip again, contact a specialised technician. Top up with oil.
The compressor stopped and does not start.	Winding burnt out.	Contact a specialised technician.
The compressor does not stop even though the max pressure allowed has been reached; the safety valve operates.	Wrong operation or pressure switch broken.	Contact a specialised technician.
Compressor does not hold regular speed.	Belt is slipping.	Tension up.
The compressor does not get to the set pressure and overheats too much.	Compressor head gasket broken or valve faulty.	Stop the compressor and contact a specialised technician.
The compressor is noisy with metallic clangs.	Bearing or bush seizure.	Stop the compressor and contact a specialised technician.

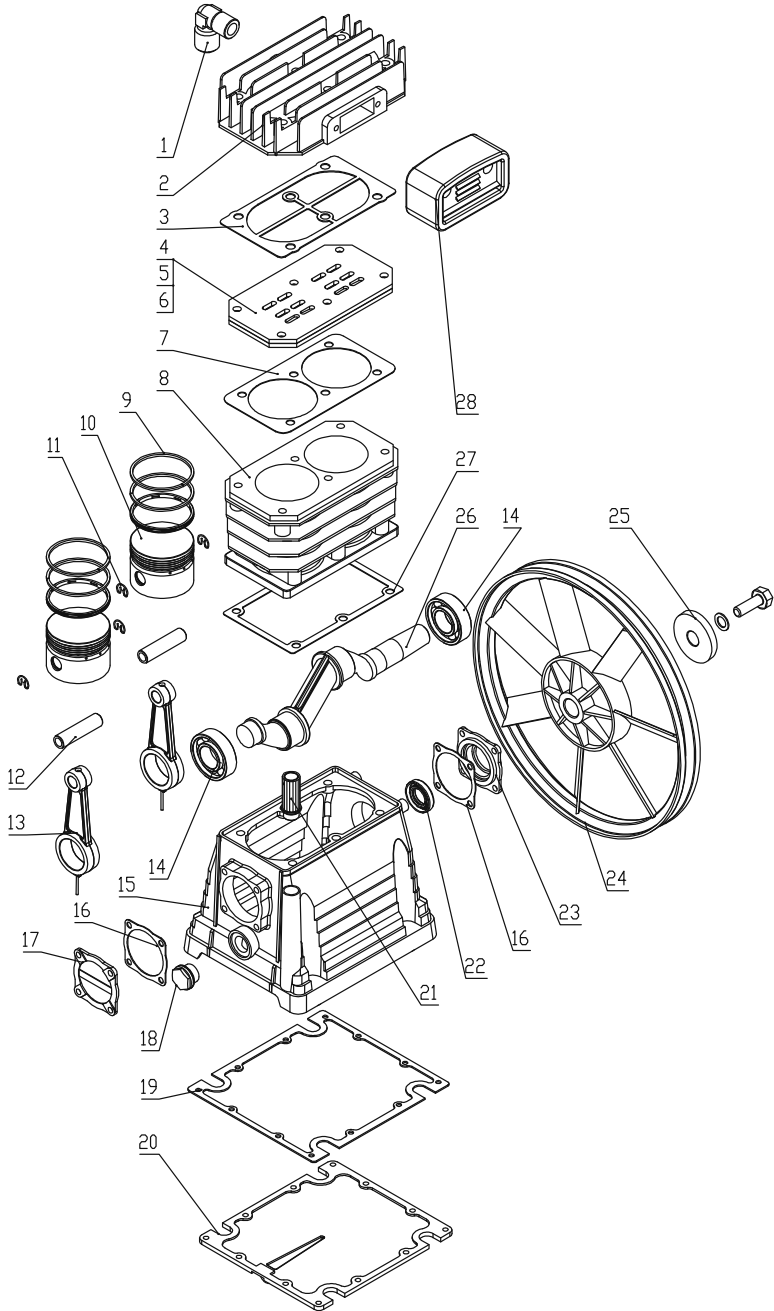
PARTS BREAKDOWN - COMPRESSOR



PARTS BREAKDOWN LIST - COMPRESSOR

No	Product Code	Description	Unit	Qty
1	TB1250DET101	BH65 pump Head	SET	1
2	TB1250DET102	Oil breather	SET	1
3	TB1250DET103	Check Valve	SET	1
4	TB1250DET104	Release pipe	PC	1
5	TB1250DET105	Tank Plug	PC	1
6	TB1250DET106	O-ring for tank	PC	1
7	TB1250DET107	Tank	PC	1
8	TB1250DET108	Wheel	SET	2
9	TB1250DET109	Drain Valve	SET	1
10	TB1250DET110	Foot pad	SET	2
11	TB1250DET111	Handle	PC	1
12	TB1250DET112	Power Cord	PC	1
13	TB1250DET113	Pressure Gauge 50	PC	1
14	TB1250DET114	Pressure Switch	PC	1
15	TB1250DET115	PS Connector	SET	1
16	TB1250DET116	Pressure Gauge 40	PC	1
17	TB1250DET117	Quick coupler	PC	2
18	TB1250DET118	Regulator	SET	1
19	TB1250DET119	1/4 Connector	PC	1
20	TB1250DET120	Safety Valve	SET	1
21	TB1250DET121	Discharge Pipe	PC	1
22	TB1250DET122	Belt cover	SET	1
23	TB1250DET123	Belt	PC	1
24	TB1250DET124	Motor Pully	PC	1
25	TB1250DET125	Motor	PC	1
26	TB1250DET126	Pump pully	SET	1
27	TB1250DET127	Air Filter	PC	1
28	TB1250DET128	Capacitor Start (not shown)	PC	1
29	TB1250DET129	Capacitor Run (not shown)	PC	1

PARTS BREAKDOWN - BH65 PUMP HEAD

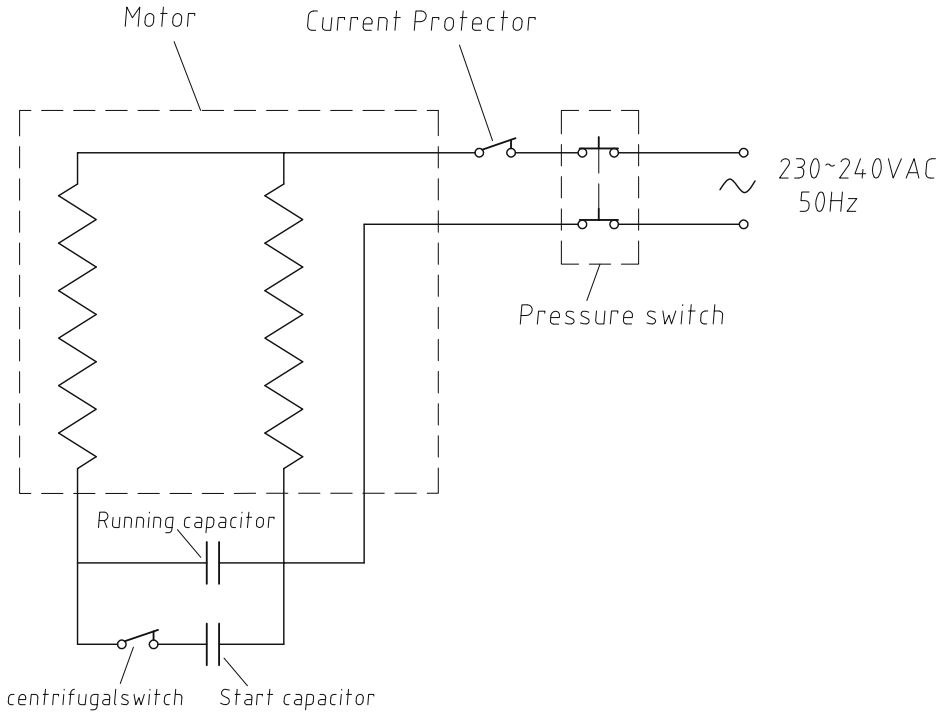


PARTS BREAKDOWN LIST - BH65 PUMP HEAD

No	Product Code	Description	Unit	Qty
1	TB1250DET201	Elbow Connector	PC	1
2	TB1250DET202	Cylinder head	PC	1
3	TB1250DET203	Cylinder head gasket	PC	1
4	TB1250DET204	Valve Plate	SET	1
5	TB1250DET205	Valve Slice	SET	1
6	TB1250DET206	Copper Seal	PC	1
7	TB1250DET207	Valve Gasket	PC	1
8	TB1250DET208	Cylinder	PC	1
9	TB1250DET209	Piston Ring 65	Set	2
10	TB1250DET210	Piston 65	PC	2
11	TB1250DET211	Hole Clip	PC	4
12	TB1250DET212	Piston Pin	PC	2
13	TB1250DET213	Connect rod	PC	2
14	TB1250DET214	Bearing 6205	PC	2
15	TB1250DET215	Crankcase	PC	1
16	TB1250DET216	Crank Cover Gasket	PC	2
17	TB1250DET217	Crank Cover	PC	2
18	TB1250DET218	Oil Glass	SET	2
19	TB1250DET219	Bottom Seal	PC	1
20	TB1250DET220	Bottom Plate	PC	1
21	TB1250DET221	Oil Breather	PC	1
22	TB1250DET222	Oil Seal	PC	1
23	TB1250DET223	Bearing Support	PC	1
24	TB1250DET224	Pump Pully	PC	1
25	TB1250DET225	Pully Blocker	PC	1
26	TB1250DET226	Crank Shaft	PC	1
27	TB1250DET227	Cylinder Seal	PC	1
28	TB1250DET228	Air Filter	SET	1

WIRING DIAGRAM

Air Compressors Circuit Diagram Belt model





Dear Customer,

Congratulations on your purchase of an IRONAIR Industrial compressor. Your compressor comes with a 1 Year Warranty is valid from the date of sale and covers repair and or replacement of faulty materials and workmanship.

To ensure that your compressor is running correctly Total Tools will commission your compressor within the store when purchased. Additional travel is at the customers expense. If you require installation we can arrange it for a fee.

NOTE: Your compressor must be installed correctly and any incorrect installation and/or usage will void your warranty.

DATE COMPRESSOR COMMISSIONED

(SERIAL NO.)

Capacity of compressor is suitable for use (including FAD and duty cycle requirement)

- Pump oil at correct level
- Air lines not leaking
- Correct cut out pressure
- Correct cut in pressure
- Safety valve operating correctly
- Drainage valve operating correctly

CUSTOMER

Name:	
Signature:	
Date:	

TOTAL TOOLS

Store Location:	
Name:	
Signature	
Date:	

1 YEAR WARRANTY

WARRANTY INFORMATION

This warranty is provided by Total Tools (Importing) Pty Ltd of 20 Thackray Road, Port Melbourne VIC 3207. Phone: 03 9261 1900 (we, us, our).

Express Warranty

Subject to the exclusions set out below, we warrant that this product will be free from defects in materials or workmanship for 12 months from the date of purchase.

The benefits conferred by this warranty are in addition to all rights and remedies which you may be entitled to under the Australian Consumer Law, and any other statutory rights you may have under other applicable laws. This warranty does not exclude, restrict or modify any such rights or remedies.

Warranty exclusions

This express warranty does not apply where a defect or other issue with the product is caused by normal wear and tear, misuse or abuse of the product.

Consumer guarantees

Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and for compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.

Warranty claims

To make a claim under this warranty, you must bring the product along with the proof of purchase and any other documentary evidence which you think is relevant to the Total Tools' place of purchase where the claim will be handled on our behalf. Any cost incurred by you in bringing the product to the place of purchase will be borne by you.

To make a claim under this warranty, the product and proof of purchase must be returned to the Total Tools place of purchase during the warranty period specified above.

If your warranty claim is accepted, we (or the Total Tools store that handles the claim on our behalf) will, at our discretion, repair or replace the product, or refund money to you and take back the product.

