

**1+2+3 YEAR
WARRANTY**

Express Warranty

This warranty is provided by Total Tools (Importing) Pty Ltd, 20 Thackray Road, Port Melbourne, Victoria 3207, Australia.
Phone: 03 9261 1947 (we, us, our).

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

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

In addition you please understand the following components are warranted for the following periods:

Electric Motors and Compressor Components - 1 Year.

Compressor Pumps - 2 Years.

Compressor Tanks - 3 years.

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.

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.

IRONAIR®

AIR COMPRESSOR

5.5/7.5/10HP 200/270LT (Three Phase 415v)

Model: LB50270S3_W0.90
LB32270S3_W0.67
LB26200S3_V0.48

Code No: 0100901289000_0.9
0100671289000_0.67
0113008821610_0.48



IRONAIR®

V2



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

**OPERATING
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 & 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 three phase (415V) models the "Warranty Requirements" checklist must be validated. Your copy and the dealers copy of the checklist is included with the compressor. You must ask your dealer if you cannot locate it.
- A Plant Risk Assessment is also available for this compressor and should be read and understood in conjunction with this owner's manual. 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 preset 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).

 **Risk of 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 piston/belt driven/reciprocating class. High pressure (10bar and above) compressors are two stage. 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

- a) Instruction Manual
- b) High flow quick connect coupler or couplers
- c) Manufactures data sheet for tank design.
- d) Tank pressure gauge.

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.

- For ALL models always turn the compressor on and off using the knob on top of the pressure switch.
- 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.
- The compressor must be moved or lifted using a forklift or other correct lifting equipment and techniques to avoid damaging the compressor in any way.
- 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

Depending on the model, your compressor may 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 100lt 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.

Scheduled Maintenance Table

Maintenance operations	Every week	Every month	Every 6 months	Every 2 years
Checking the oil level	<input checked="" type="checkbox"/>			
Draining the condensation	<input checked="" type="checkbox"/>			
Cleaning the intake filter		<input checked="" type="checkbox"/>		
General cleaning of compressor			<input checked="" type="checkbox"/>	
Replacing the oil			<input checked="" type="checkbox"/>	
Check belt tension			<input checked="" type="checkbox"/>	
Check non return valve				<input checked="" type="checkbox"/>

Standardised to DIN 51506 and ISO/DP6521.3

Recommended Oils

Compressor model	Drive rating	Viscosity grade
Oil piston air cooling	< 20KW	68, 100, 150

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 OILUB H150	TOTAL	CORTUSA 100
FUCHS	RENOLIN 104L VG 100	API	CM-8X
IP	CALATIA OIL ISO 100		

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

Maintenance

Warning

In order to keep your compressor in good working condition, periodic service procedures must be performed. Before performing any maintenance operation make sure the compressor is switched off; isolated from the mains power and all the air in the tank has been released.

First 50 Hours

1. Check that all screws and bolts are tight, paying special attention to the head and crankcase.
2. Replace the oil with one of the recommended oils listed in the schedule on page 5 or one supplied by your dealer.
3. Never mix different oils together.
4. Dispose of waste oil correctly and in a manner that is environmentally responsible.

Weekly

1. Check the oil level. Top up if necessary.
2. Do not exceed the maximum level mark.
3. Drain condensation by opening the drain cock located under the tank, when all the condensate is drained and only air is released close the drain cock. If your compressor is fitted with a filter/regulator the drain cock at the base of the filter bowl should also be opened and the condensate released. Compressor condensate can pollute and should be disposed of in a manner that is environmentally responsible.

Monthly

1. Remove the air filter and clean or replace the filter element. Paper elements should be blown out with compressed air from the inside towards the outside then refitted.
2. Sponge or foam elements should be washed in a solution of warm water and detergent, then rinsed and dried before refitting.
3. Metal elements should be washed with degreaser then blown clean with compressed air.
4. Do not operate your compressor without air filters. Foreign bodies and dust can seriously damage inside components.

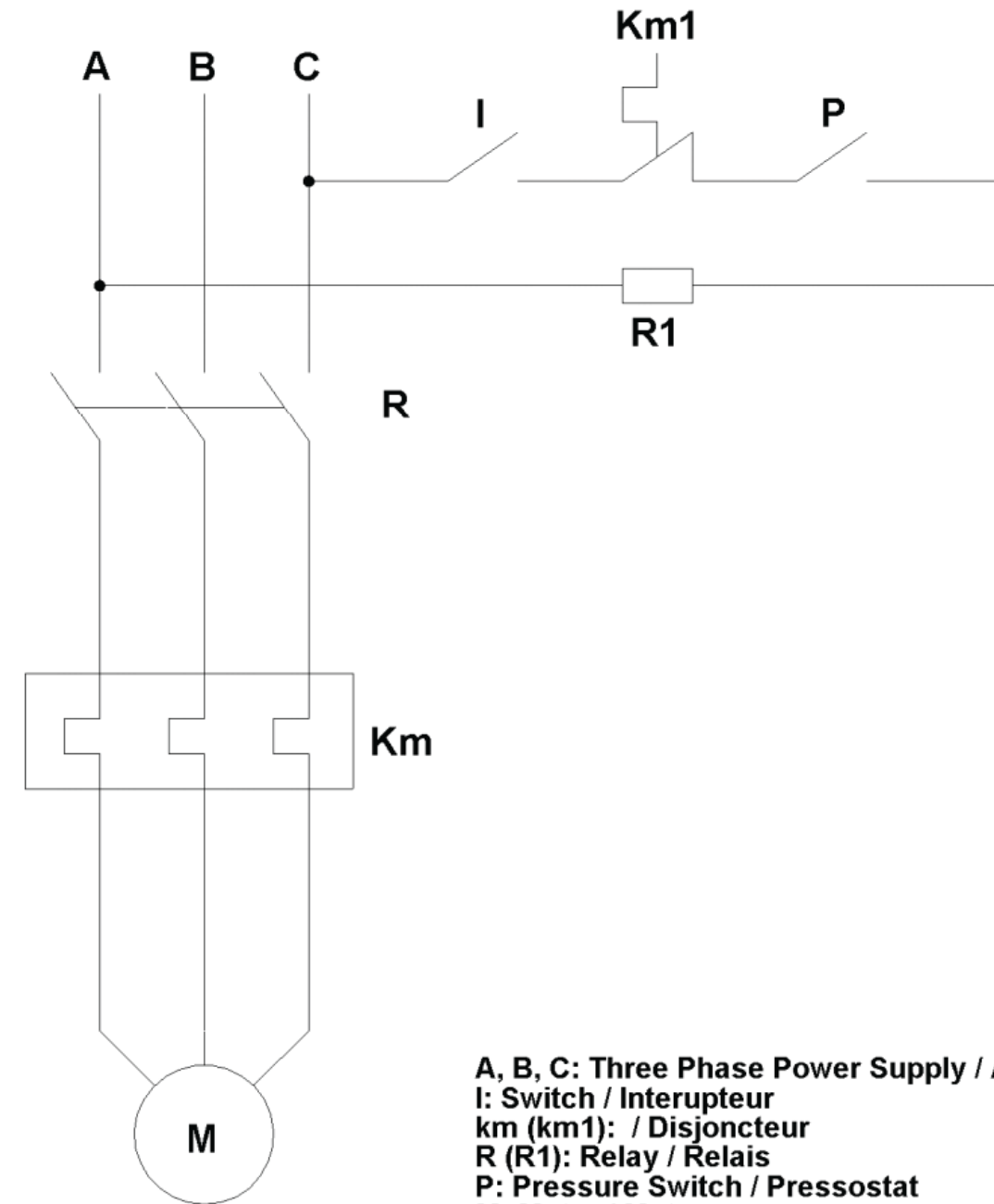
Six Month

1. Change the oil. Best performed when the compressor is warm or hot as the viscosity of the oil is less.
2. Remove the dipstick or oil breather then unscrew and remove the sump drain plug.
3. Drain the oil into a container.
4. Replace the sump drain plug and pour clean oil into crankcase through the dipstick or oil breather opening until the maximum level is reached.
5. Dispose of waste oil correctly and in a manner that is environmentally responsible.
6. Clean all finned cooling parts with compressed air.
7. Check the belt tension. Apply approximately 2.5kg force to the mid section of the pulley belt. The belt should flex approximately 7-8mm. If necessary tighten the belt tension ensuring that the alignment of the motor and pump pulleys are correct.

Two Years

1. Check the non return valve.
2. **MAKE SURE THAT ALL AIR HAS BEEN RELEASED FROM THE TANK!!!**
3. Inspect the seal and replace if worn.
4. Check intake and delivery valves.

Wiring Diagram



A, B, C: Three Phase Power Supply / Alimentation Tri-Phasée
I: Switch / Interrupteur
km (km1): / Disjoncteur
R (R1): Relay / Relais
P: Pressure Switch / Pressostat
M: Motor / Moteur

SETTING UP AND COMMISSIONING

Positioning

a) Your compressor should be placed on a level surface. Inclines greater than 15 degrees will cause damage, b) Your compressor requires ventilation. Ensure that all flywheels, fans and cooling grills are unobstructed by any obstacles that may prevent air flow. c) 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:

- a) 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.
- b) After the first 50 hours of running replace the oil with one listed on page 5. Your dealer stocks replacement oil.
- c) 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
- d) Three phase models are not supplied with a plug. Your compressor should not be directly connected to the mains power; it should be fitted with a three phase plug so it can be isolated. Plugs and connections should be fitted by a licensed electrician. 5hp models should have a minimum 10amp plug and 7.5hp and 10hp should have a minimum 15amp plug.
- e) Check that the drain plug on the underside of the tank is closed.

Starting

When you have commissioned your compressor, check that the main switch (for 3 phase models) and the pressure switch are in the off or "O" position.

Plug in your compressor to the mains power and switch the main switch (for 3 phase models) then the pressure switch on or to the "I" position.

When starting your compressor for the first time allow it to run continuously for approximately 10 minutes by opening the ball valve or the pressure regulator. (If a quick connector is fitted to the pressure regulator air will not pass through the connector, in this case the male part of the connector should be inserted to keep the connector valve open). After approximately 10 minutes running, close the ball valve or pressure regulator (remove the male part of the quick connector) and check using the pressure gauge that the tank pressure increases.

The pump should automatically stop when the tank maximum pressure has been reached. You will now appreciate how simple it is to use your compressor. The pressure switch is factory set to cut the power to the electric motor when the tank maximum pressure has been reached. As you use the stored air in the tank the pressure switch will cut-in automatically when the pressure drops below the minimum setting, this is normally 2Bar (30p.s.i.) below the maximum setting

Never stop your compressor using the mains power switch or by unplugging it. Your compressor should be stopped by turning the mains switch to the off or "O" position.

Working Pressure

Three phase models are fitted with a magnetic overload cut-out and automatic starter. The heat relay will stop the motor in the event of an overload. Should this occur contact your dealer, authorised service agent or a licensed electrician to have the relay setting checked and replaced if necessary. NOTE: on models fitted with an oil control system, low oil levels may cause the power cut out. Check the oil level before resetting the relay.

If the problem persists switch off your compressor, disconnect it from the mains power and contact your dealer or authorised service agent.

Working Pressure

Pneumatic tools and equipment operate with at a variety of pressure settings. The working pressure of you compressor can be set by adjusting the pressure regulator or filter/regulator. Check the recommended operating pressure of the tools or equipment that you are going to use.

Adjust the pressure regulator or filter/regulator by turning the knob clockwise to increase the pressure or anti-clockwise to reduce it. For filter/regulators the adjustment knob can be locked by depressing it or unlocked by pulling it up. The working pressure can be checked with the pressure gauge fitted to the regulator. When you have finished using your compressor set the working pressure to zero, this will avoid damage to the regulator.

For compressors where air is taken directly from the tank or ball valve by-passing the pressure regulator, additional regulators and filters can be fitted along the air supply line. Your dealer can advise you on the best way to do this.

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.

PARTS LIST-COMPRESSOR

Model: LB50270S3_W0.90

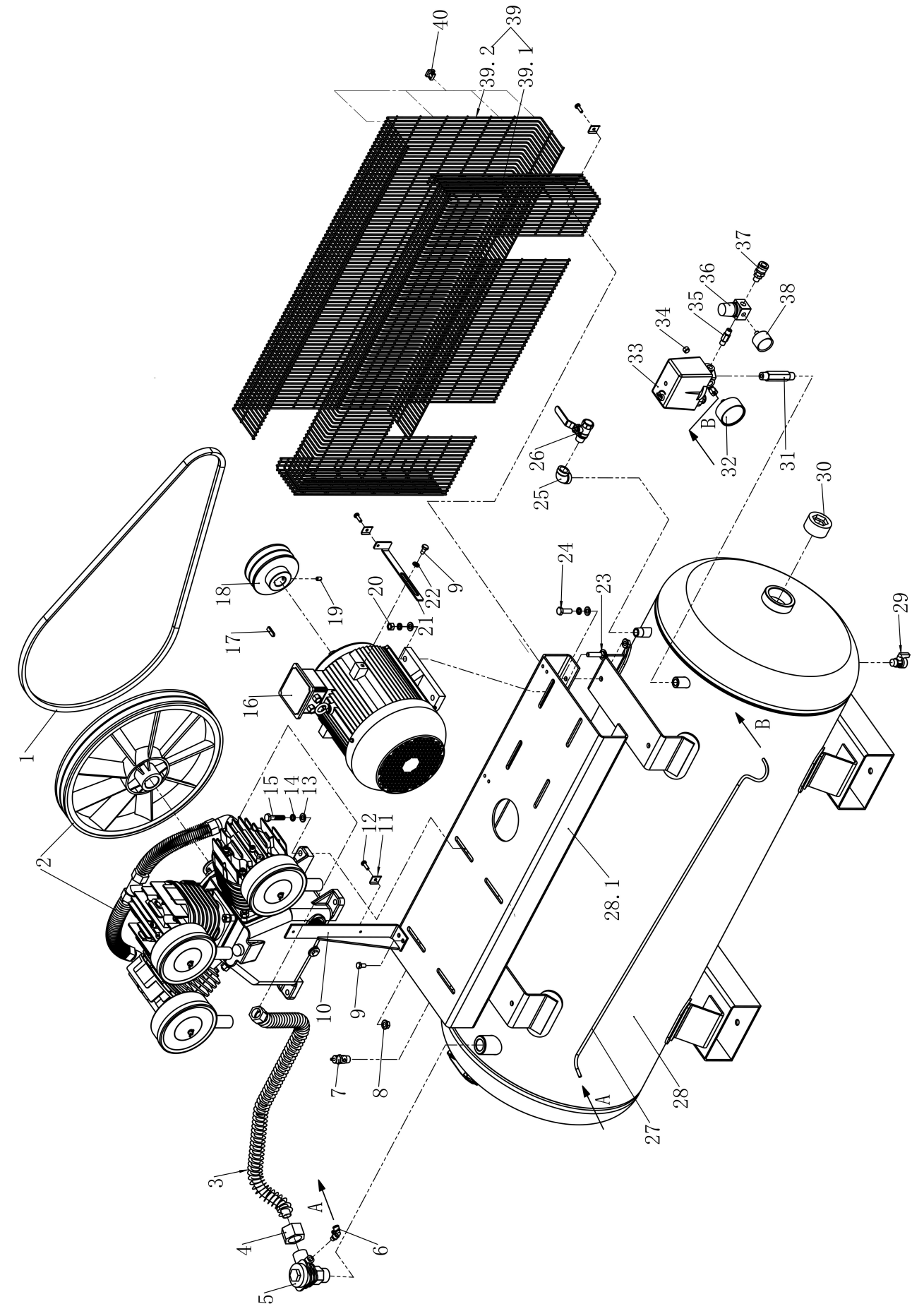
LB32270S3_W0.67

No.	Q.ty	Part no.	Part Name
1	2	441B188000000	V-Belt for 0.9
1	2	441B118030000	V-Belt for 0.67
2	1	3500908890000	Bare Pump,0.9
2	1	8500678890000	Bare Pump,0.67
3	1	4682080000000	Copper Tube
4	2	4690040000000	Lock nut
5	1	4730250000000	Check valve
6	1	465180630000000	Nipple
7	1	4703810000000	Safety Valve
8	8	4611003000000	Nut
9	5	4600801604000	Screw
10	1	3490030000000	Bracket,belt guard
11	9	3490030000000	Belt guard washer
12	9	4600601206000	Screw
13	12	6031790000000	Washer
14	12	4661002000000	Spring Washer
15	4	4601004001000	Screw
16	1	4910075202000	Motor,0.9
16	1	4910055403000	Motor,0.67
17	1	4640825000000	Key
18	1	446B214000000	Motor Pulley 0.9
18	1	446B213000000	Motor Pulley 0.67
19	1	4690220000000	Set Screw
20	4	4611006000000	Nut
21	1	8221021000000	Motor shake handhandle
22	1	4620816000000	Washer plate
23	4	4601003004000	Nut,Hex
24	4	4601004003000	Screw
25	1	4290430000000	Elbow
26	1	4740010000000	Ball Valve
27	1	1206110000000	Tube
28	1	8110908900000	Air Tank 270L
28.1	1	8073009000000	Base plate
29	1	4723800000000	Drain valve
30	2	4330210300000	Plug,socket head
31	1	4353814000000	Nipple
32	1	4302501403000	Pressure gauge
33	1	2002051100000	Pressure switch
34	1	4330140200000	Plug
35	1	4351403000000	Nipple
36	1	4710020000000	Pressure regulator
37	1	4091250000000	Quick coupler
38	1	4302501404000	Pressure Gauge
39	1	3430900500000	Belt guard
39.1	1	3430900500001	Belt guard (FR)
39.2	1	3430900500002	Belt guard (RR)
40	10	3490040000000	Belt Guard clip

EXPLOSION VIEW-COMPRESSOR

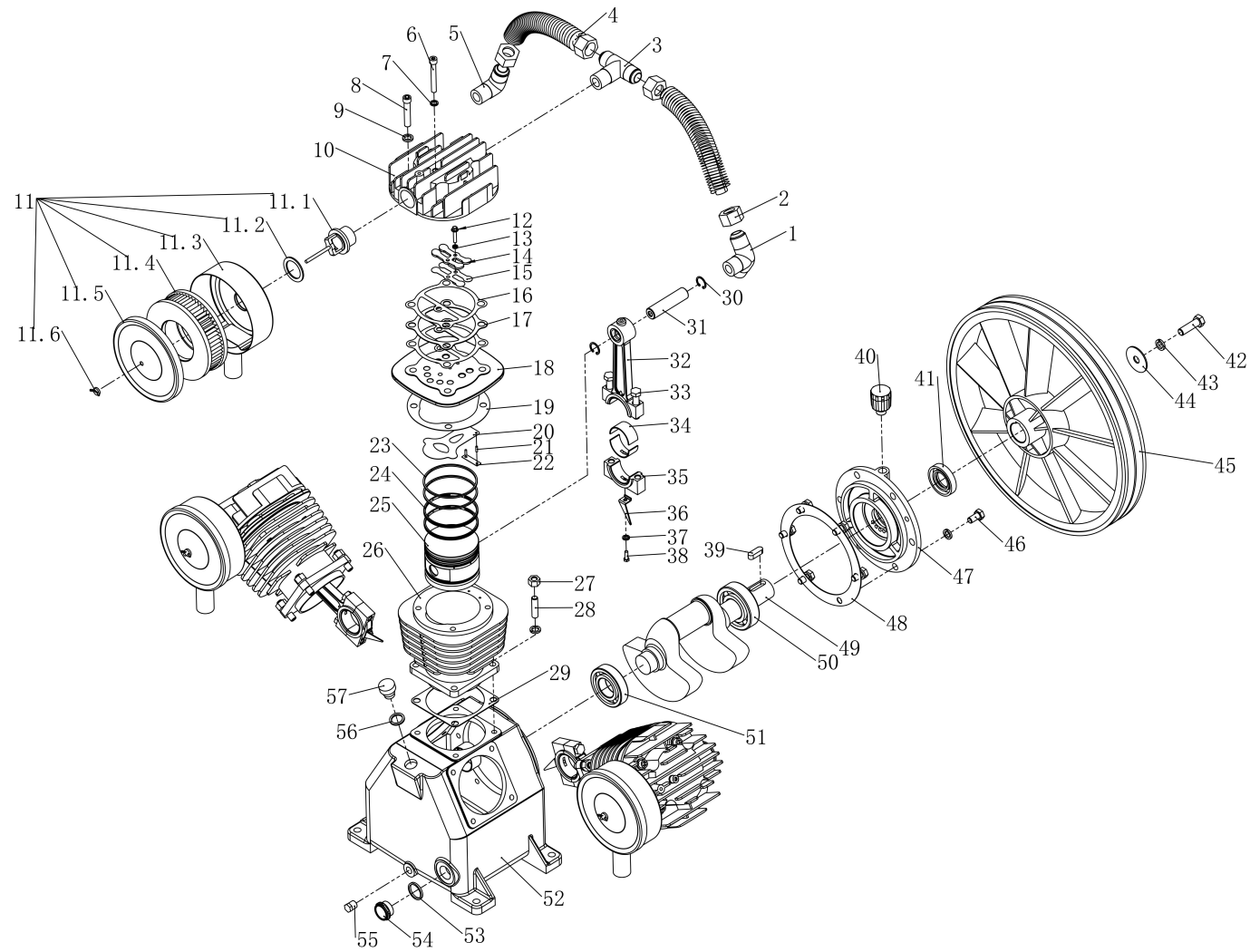
Model: LB50270S3_W0.90

LB32270S3_W0.67



EXPLOSION VIEW-PUMP

Model:W-0.90



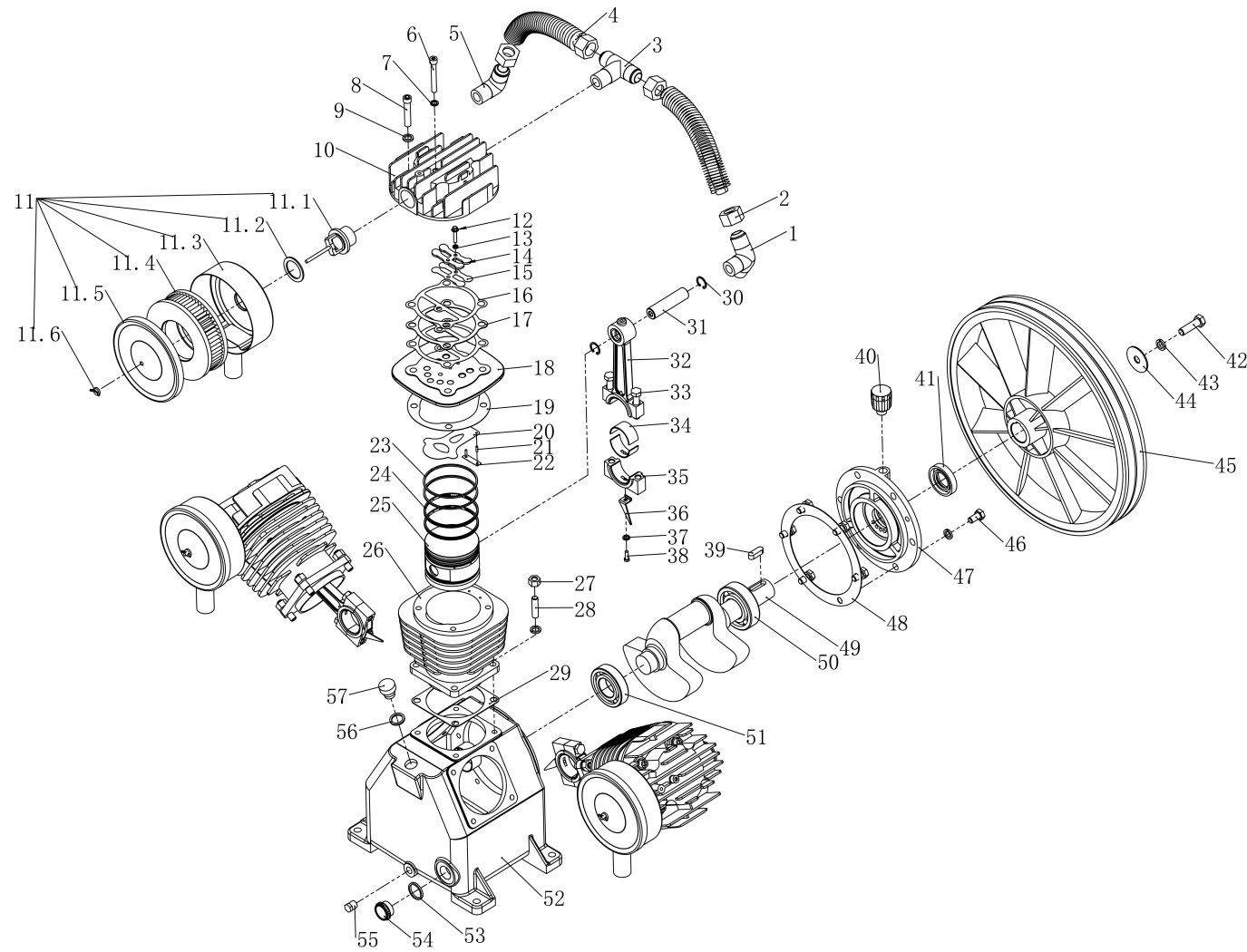
PARTS LIST-PUMP

Model:W-0.90

No.	Q.ty	Part no.	Part Name
1	1	4213412300000	3-way manifold nipple
2	4	4690040000000	Nut
3	1	4213418300000	3-way manifold nipple
4	2	4682022601000	Copper tube,Inter discharge
5	1	4213409200000	Elbow fitting
6	3	4608060000000	Head bolt
7	3	4660801000000	Spring washer
8	12	4601005000000	Head,bolt
9	30	4661000000000	Spring washer
10	3	8370090010000	Cylinder head
11	3	4341115000000	Intake filter Ass'Y
11.1	3	4341115001001	Support,Intake filter
11.2	3	4341115001002	Seal,Intake filter
11.3	3	4341115001003	Filter case
11.4	3	4341115001004	Element
11.5	3	4341115001005	Filter cover
11.6	3	4341115001006	Nut,Butterfly
12	6	4600501607000	Screw

No.	Q.ty	Part no.	Part Name
13	6	4660500000000	Spring washer
14	3	4290900000000	Valve holder
15	3	4170901000000	Blade,valve
16	6	4240901000000	Gasket, Head
17	3	4221090030000	Gasket, Head
18	3	4160900000000	Valve plate
19	3	4222090030000	Gasket, valve
20	3	4170900000000	Blade,valve
21	6	4140301000000	Lockingpin
22	3	6030500000000	Locking plate
23	6	4110903000000	Piston ring cco
24	6	4110902000000	Piston ring rof
25	3	4100900000000	Piston
26	3	4150902000000	Cylinder
27	12	4611006000000	Nut
28	12	4200104000000	Stud bolt
29	3	4223090010000	Cylinder gasket
30	6	4630200300000	Circlip
31	3	4142008000000	Piston pin
32	3	4132015700000	Conrod part 1
33	2	4601005000000	Screw
34	6	4190800000000	Metal bearing
35	3	4132015700000	Conrod part 2
36	3	4290600000000	Oil finger
37	3	4660600000000	Washer spring
38	3	4600501500000	Screw
39	1	4641030000000	Key
40	1	1131615000000	Air-Breather
41	1	1123555100000	Shaft seal
42	1	4601204000000	Screw
43	1	4661200000000	Spring washer
44	1	6031500000000	Plate washer
45	1	445420B200000	Flywheel
46	6	4601002002000	Screw
47	1	8366090000000	Front support
48	1	4224080010000	Gasket,Front support
49	1	4180900000000	Crankshaft
50	1	4406307000000	Bearing 6307
51	1	4406207000000	Bearing 6307
52	1	3210900100000	Crankcase
53	1	4313400000000	O-Ring
54	1	4313400000000	Oil sight glass
55	1	4330140100000	Plug Oil drain
56	1	1142025000000	O-Ring
57	1	1142025000000	Oil cap

EXPLOSION VIEW-PUMP
Model:W-0.67



PARTS LIST-PUMP
Model:W-0.67

No.	Q.ty	Part no.	Part Name
1	1	4213412300000	3-way manifold nipple
2	4	4690040000000	Nut
3	1	4213418300000	3-way manifold nipple
4	2	4682021601000	Copper tube,Inter discharge
5	1	4213409200000	Elbow fitting
6	3	4608060000000	Head bolt
7	3	4660801000000	Spring washer
8	12	4601005000000	Head,bolt
9	30	4661000000000	Spring washer
10	3	8370067000000	Cylinder head
11	3	4341115001000	Intake filter Ass'Y
11.1	3	4341115001001	Support,Intake filter
11.2	3	4341115001002	Seal,Intake filter
11.3	3	4341115001003	Filter case
11.4	3	4341115001004	Element
11.5	3	4341115001005	Filter cover
11.6	3	4341115001006	Nut,Butterfly
12	6	4600501600000	Screw

No.	Q.ty	Part no.	Part Name
13	6	4660500000000	Spring washer
14	3	4290800000000	Valve holder
15	3	4170801000000	Blade, valve
16	6	4240901000000	Gasket, Head
17	3	4221080030000	Gasket, Head
18	3	4160801000000	Valve plate
19	3	4222080010000	Gasket, valve
20	3	4170800000000	Blade, valve
21	3	4140301000000	Locking pin
22	3	6030500000000	Locking plate
23	6	4110903000000	Piston ring cco
24	6	4110802000000	Piston ring rof
25	3	4100800000000	Piston
26	3	4150800000000	Cylinder
27	12	4611006000000	Nut
28	12	4200104000000	Stud bolt
29	3	4223080010000	Cylinder gasket
30	6	4630170300000	Circlip
31	3	4141707000000	Piston pin
32	3	4131716000000	Conrod part 1
33	6	4601005000000	Screw
34	6	4190800000000	Metal bearing
35	3	4131716000000	Conrod part 2
36	3	4290420000000	Oil finger
37	3	4660600000000	Washer spring
38	3	4600501500000	Screw
39	1	4641030000000	Key
40	1	1131615000000	Air-Breather
41	1	1123052100000	Shaft seal
42	1	4601203004000	Screw
43	1	4661200000000	Spring washer
44	1	4621234000000	Plate washer
45	1	445370B200000	Flywheel
46	6	4601003004000	Screw
47	1	8366067000000	Front support
48	1	4224080010000	Gasket,Front support
49	1	4180670000000	Crankshaft
50	1	4406306000000	Bearing6306
51	1	4406306000000	Bearing6306
52	1	8371067010000	Crankcase
53	1	4313400000000	O-Ring
54	1	4313400000000	Oil sight glass
55	1	4330140100000	Plug Oil drain
56	1	1142025000000	O-Ring
57	1	1142025000000	Oil cap

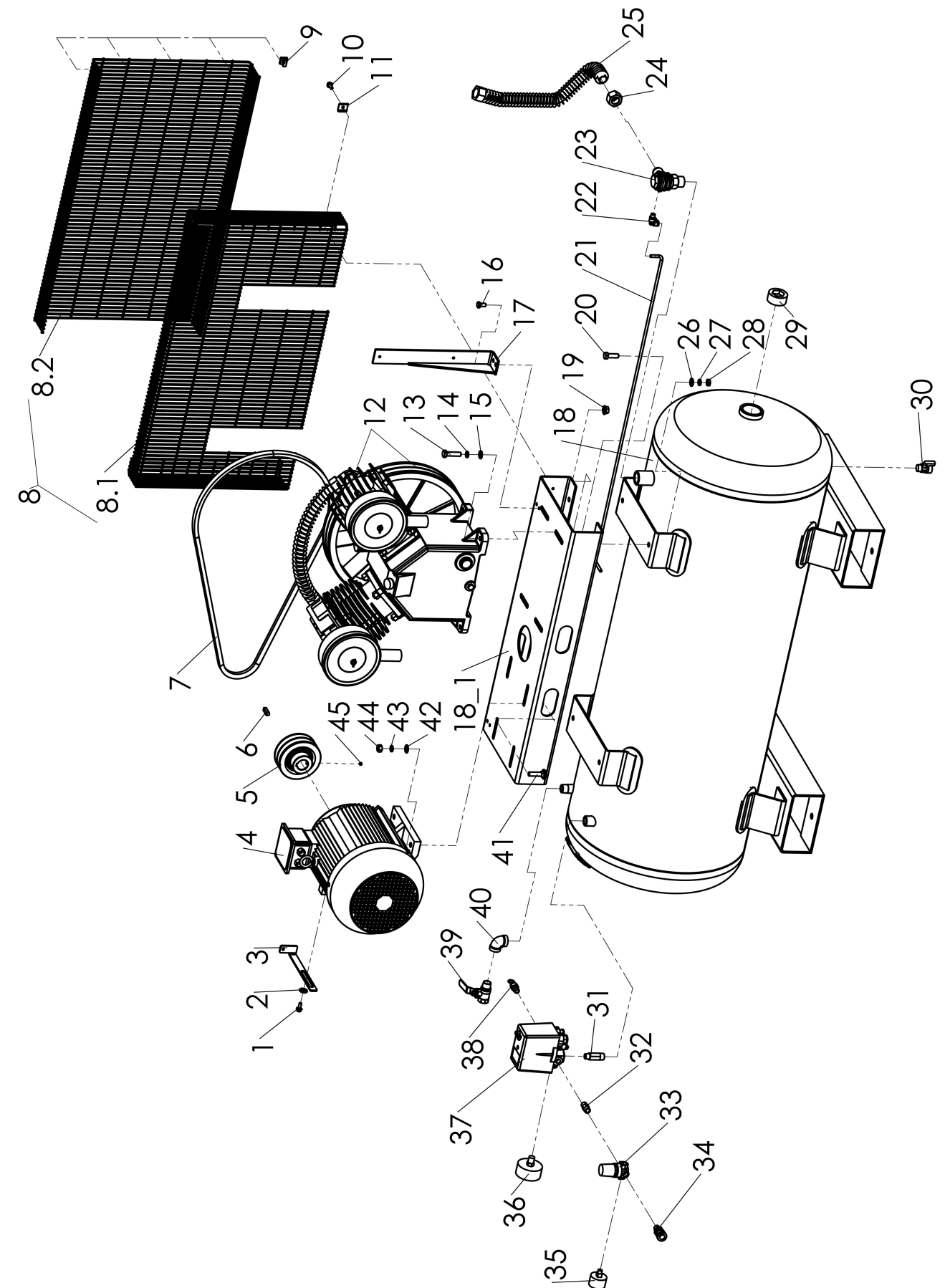
PARTS LIST-COMPRESSOR

Model: LB26200S3_V0.48

No.	Q.ty	Part no.	Part Name	Remarks
1	1	4600801604000	Screw	
2	1	4660802000000	Washer plate	
3	1	8221021000000	Motor shake handshandle	
4	1	4910040313000	Motor MEPS2	
5	1	446B111000000	Motor pulley	
6	1	4640830000000	Key	
7	2	441B154900000	V-Belt	
8	1	3430480300000	Belt guard	
8.1	1	3430480300001	Belt guard (FR)	
8.2	1	3430480300002	Belt guard (RR)	
9	10	3490040000000	Belt guard clip	
10	6	4600601206000	Screw	
11	6	3490030000000	Belt guard washer	
12	1	3500488890000	Pump 0.48	
13	4	4601004001000	Screw	
14	4	4661000000000	Washer spring	
15	4	4621028000000	Washer plate	
16	2	4600801604000	Nut	
17	1	3490003030000	Bracket, Belt guard	
18	1	8110488900000	Tank 200L	
18-1	1	8073009000000	Base plate	
19	4	4611003000000	Nut	
20	4	4601003004000	Screw	
21	1	1220698000000	Tube	
22	1	4651806300000	Nipple	
23	1	4730260000000	Check valve	
24	2	4690040000000	Lock nut	
25	1	4682035000000	Copper tube (Discharge)	
26	4	4621028000000	Washer plate	
27	4	4661000000000	Washer spring	
28	4	4611006000000	Nut	
29	2	4330320100000	Plug,Socket head	
30	1	4723800000000	Drain valve	
31	1	4353814000000	Nipple	
32	1	4351403000000	Nipple	
33	1	4710020000000	Pressure regulator	
34	1	4091250000000	Quick coupler	
35	1	4302501404000	Pressure gauge	
36	1	4302501403000	Pressure gauge	
37	1	2002050900000	Pressure switch MDR3	
38	1	4701410000000	Safety valve (AS)	
39	1	4740010000000	Ball valve	
40	1	4290430000000	Elbow	
41	4	4601004003000	Screw	
42	4	4621028000000	Washer plate	
43	4	4661000000000	Washer spring	
44	4	4611006000000	Nut	
45	1	4690220000000	Set screw	

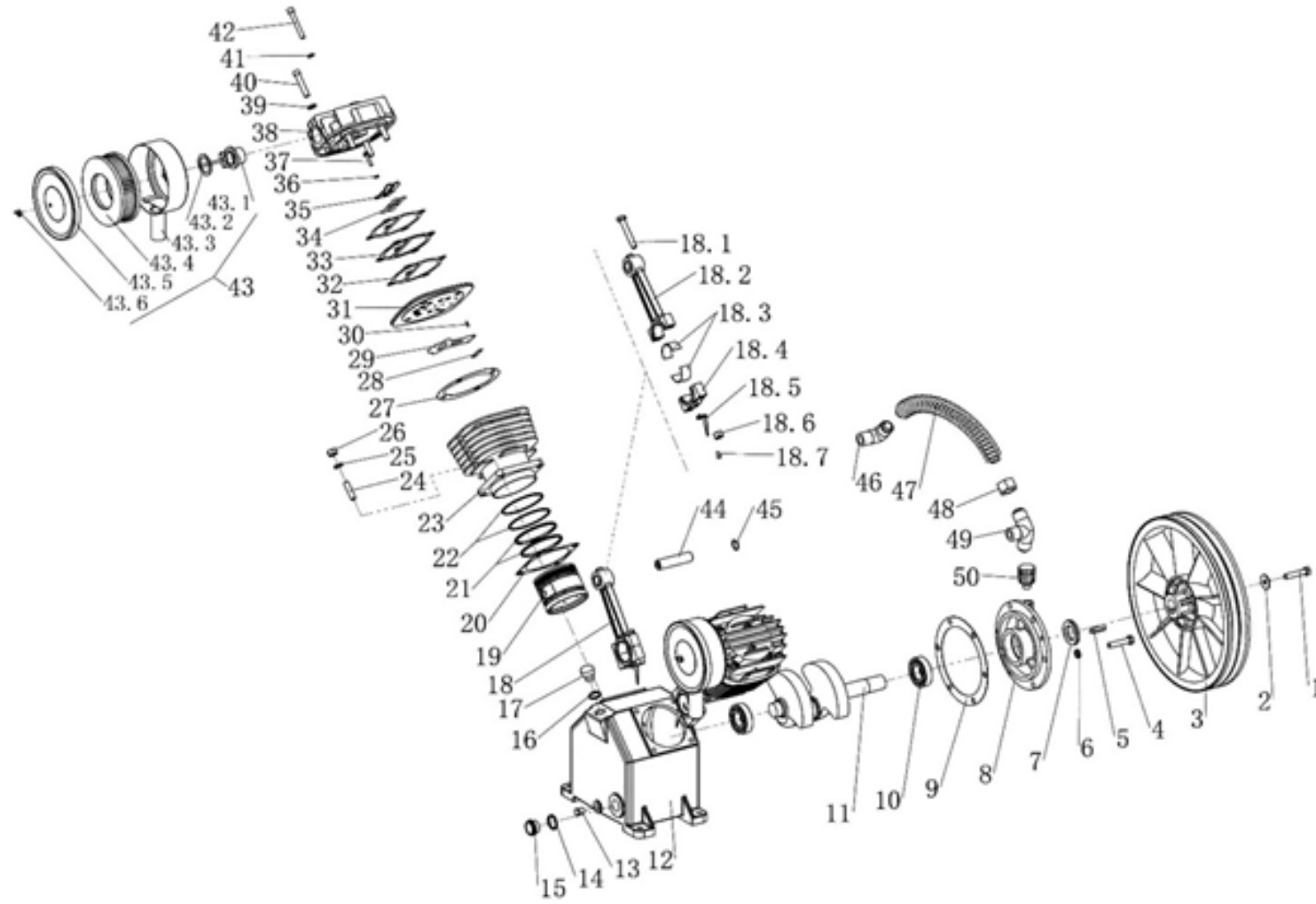
EXPLOSION VIEW-COMPRESSOR

Model: LB26200S3_V0.48



EXPLOSION VIEW-PUMP

Model: V-0.48



PARTS LIST-PUMP

Model: V-0.48

No.	Q.ty	Part no.	Part Name	Remarks
1	1	4601203004000	Screw	
2	1	4621234000000	Washer plate	
3	1	445370B200000	Flywheel	
4	6	4601003004000	Screw	
5	1	4640830000000	Shaft key	
6	6	4661000000000	Washer spring	
7	1	1123050110000	Oil seal	
8	1	3260480000000	Front support	
9	1	4224080010000	Gasket,Front supportT	
10	2	4406206000000	Bearing	
11	1	4180480010000	Crankshaft	
12	1	8371048010000	Crankcase	
13	1	4330140100000	Pulg, Oil drain	
14	1	4313400000000	O-Ring	
15	1	4313400000000	Oil sight glass	
16	1	1142025000000	O ring	
17	1	1142025000000	Oil cap	
18	2	4131716000000	Conrod Ass'y	

No.	Q.ty	Part no.	Part Name	Remarks
18.1	4	4601005000000	Screw	
18.2	2	4131716000000	Conrod part 1	
18.3	2	4190800000000	Metal bearing	
18.4	2	4131716000000	Conrod part 2	
18.5	2	4290420000000	Oil finger	
18.6	4	4611006000000	Washer	
18.7	2	4600501002000	Screw	
19	2	4100800000000	Piston	
20	2	4223080010000	Cylinder gasket	
21	4	4110800000000	Piston ring rof	
22	4	4110800000000	Piston ring cco	
23	2	4150800000000	Cyclinder	
24	8	4200104010000	Stud bolt	
25	8	4661000000000	Washer spring	
26	8	4611006000000	Nut	
27	2	4222080010000	Gasket,Valve	
28	2	6030500000000	Locking plate	
29	2	4170800000000	Blade,Valve	
30	4	4140301000000	Locking Pin	
31	2	4160801000000	Valve seat	
32	4	4240901000000	Gasket,Head	
33	2	4221080010000	Gasket,Head	
34	2	4170801000000	Blade,Valve	
35	2	4290800000000	Valve Holder	
36	4	4660500000000	Washer spring	
37	4	4600501600000	Screw	
38	2	3200670200000	Cyclinder head	
39	8	4661000000000	Washer spring	
40	8	4601005001000	Head bolt	
41	4	4660801000000	Washer spring	
42	4	4600806002000	Head bolt	
43	2	4341115001000	Intake filter ass'y	
43.1	2	4341115001001	Support ,Intake filter	
43.2	2	4341115001002	Seal,Intake filter	
43.3	2	4341115001003	Filter case	
43.4	2	4341115001004	Element	
43.5	2	4341115001005	Filter cover	
43.6	2	4341115001006	Nut,Butterfly	
44	2	4141707000000	Piston pin	
45	4	4630170300000	Circlip	
46	1	4213409201000	Elbow fitting	
47	1	4682033500000	Copper tube, Inter discharge	
48	2	4690040000000	Nut	
49	1	4213412300000	3-way manifold nipple	
50	1	1131615000000	Air breather	

TROUBLESHOOTING
FAULT / CAUSE / REMEDY

F) Pressure drop in tank.
C) Air leaks at connections.
R) Run the compressor to its maximum pressure. Switch it off and then brush a soapy water solution around all the connections, looking carefully to see if any bubbles appear. Tighten any connections where leaks appear. If the problem persists contact your dealer or authorised service agent.

F) Air leaks from the underside of the pressure switch when the compressor is idle.
C) Non-return valve seal is defective
R) **DRAIN ALL AIR FROM THE TANK!!!** Remove the one-way valve plug. Clean the valve seat, inspect the seal and replace if necessary.

F) Air leaks from the underside of the pressure switch when the compressor has been running for more than 1 minute.
C) The pressure switch unload valve is faulty.
R) Replace the pressure switch

F) The compressor stopped and will not re-start
C) Electric motor ehat relay (three phase) has tripped. Your compressor may be overworked.
R) Turn the compressor off at the pressure switch. Let the motor cool down for at least 30 minutes. Turn the compressor on again at the pressure switch. If the compressor fails to restart, contact your dealer or authorised service agent.

F) The compressor stopped and will not re-start
C) Electric motor windings have been burnt out or damaged.
R) Contact your dealer or authorised service agent.

F) The compressor pump is not running at a constant speed.
C) Pulley belt is slipping
R) Re-tension the belt

F) The compressor does not reach its maximum pressure, continually runs and overheats.
C) Faulty head gasket or head valve or; C)compressor is under sized for application.
R) Stop the compressor. Contact your dealer or authorised service agent.

F) The compressor is noisy with knocking or has metallic clanging.
C) Bearing or brush seizure.
R) Stop the compressor immediately! Contact your dealer or authorised service agent.

F) The compressor does not start.
C) Mains Power. Faulty electrical Cables. Ambient temperature below 0°C. Low oil level.
R) Check that all mains power connections are working and not damaged. Check that the compressor lead has not been damaged. If the ambient temperature is too low move the compressor to a warmer place. Check the oil level.

F) Compressor runs continuously past the maximum pressure causing the safety valve to release
C) Faulty pressure switch
R) Contact your dealer or authorised service agent.

F) The compressor safety valve releases below the compressors maximum pressure.
C) Faulty safety valve.
R) Do not attempt to adjust the safety valve from its factory setting. Contact your dealer or authorised service agent.



**Important information for your Warranty: Commissioning Checklist
Ironair Three Phase Compressors**

Dear Customer,

Congratulations on your purchase of a IRONAIR Industrial compressor. Your compressor comes with a three year tank, two year pump and one year electric motor and compressor components warranty.

This warranty is valid from the date of sale and covers repair and or replacement of faulty materials and workmanship.

To ensure your compressor is running correctly we recommend it is commissioned by a qualified service technician by checking each of the points listed below. This form must be completed to validate your warranty.

This form must be completed to validate your warranty.

Date Compressor Commissioned _____ (Serial No. _____)

- Electric motor and pump running in correct direction.
- Pump oil level at correct level.
- Air lines not leaking.
- Correct electrical connection and suitable amperage.
- Suitable ambient working temperature.
- Correct cut out pressure
- Correct cut in pressure.
- Safety valve operating correctly
- Drainage valve operating correctly
- Installation angled to ensure fall to drain valve
- Clean air environment
- Capacity of compressor is suitable for usage

Signed: _____

Company name: _____

Dealer Copy



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Company name: _____

Customer Copy