



Warranty Certificate

(KISANKRAFT COPY)

Limitation of Liability: This limited warranty is in lieu of all other express warranties, obligations, or liabilities. Any implied warranties, obligations, or liabilities, including, but not limited to, any implied warranty of merchantability shall be limited in duration to the applicable warranty period. Any action for breach of any warranties hereunder, including, but not limited to, any implied warranty of merchantability must be brought within the applicable warranty period.

Modifications of Warranty: No agent, representative, dealer, or employee of KisanKraft Limited or any of its manufacturers has the authority to increase or alter the obligations of this warranty.

Assignment / Transfer of warranty: The warranty cannot be assigned and shall not transfer if the product is resold by the first buyer. The above warranties are extended to the first end user (original purchaser), and no warranty is made, nor authorized to be made assignable on resale by the first end user.

What you must do to obtain limited warranty service: To obtain performance of any obligation under this warranty for failure during the applicable warranty period, you must deliver the defective product, to the nearest Authorized Dealer, along with proof-of-purchase (invoice/receipt). KisanKraft Limited, its manufacturers and its dealers reserve the right to inspect the claimed defective part(s) to determine if the malfunction is the result of a defect covered by this warranty. Please note that the decision of KisanKraft Limited with respect to any warranty claim is final.

After-sales Service (Including Warranty): KisanKraft Limited does not sell directly to consumers. All sales or supplies are made through Authorized Dealers. It is the responsibility of the Authorized Dealer to provide all after-sales service to consumers. Any warranty claim should be raised by dealer to KisanKraft Limited as per warranty policy.

Jurisdiction: All disputes are subject to Bangalore court's jurisdiction.

Notes:

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- Dealers should have their own technician to provide After Sales Services to their Customers. KisanKraft Limited provides free training to Authorized Dealer's technicians at KisanKraft Limited's head office, on request from Authorized Dealer.

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Warranty Certificate

(DEALER COPY)

Product	Air Compressor	Invoice Date	
Brand	Aryantra	Invoice No.	
Model	AY-AC-30X AY-AC-50X		
WARRANTY PERIOD	6 MONTHS	FOR THE SPECIFIED PERIOD FROM THE DATE OF SALE OR DELIVERY WHICHEVER IS EARLIER.	
Dealer's Invoice Date		Dealer's Invoice No.	
Buyer's Info (Name, Address, Phone, etc.):		Dealer's Stamp (Address, Phone, TIN, etc.):	
Buyer's Sign		Dealer's Sign	

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- (3) Lack of maintenance,
- (4) Negligence,
- (5) Accident or physical damage,
- (6) Repairs made by unauthorized parties and/or with unauthorized parts,
- (7) Improper set up, adjustments, tampering or altered products
- (8) Any modification to the product and expendables like Carbon brush what-so-ever.

Important: (1) Normal maintenance and adjustments to the product is the responsibility of the customer. (2) Normal wear and tear are not covered under the warranty. (3) Rubber/plastic parts and consumables/ accessories such as blades, sparkplugs, nylon line, oil seals gaskets and carbon brush etc. are not covered under the warranty

Incidental / Consequential Loss: KisanKraft Limited or its manufacturers will not be liable for general damages, including bodily injuries, or for incidental or consequential damages including,

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but not limited to, loss of use, loss of profits, loss of production, expense of substitute equipment or other commercial loss or damage.

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OUR PRODUCTS RANGE



ANGLE GRINDER



MARBLE CUTTER



CIRCULAR SAW



ELECTRIC JIG SAW



CUT-OFF MACHINE



CONCRETE VIBRATOR



DEMOLITION HAMMER



MIXTURE DRILL



ROTARY HAMMER



IMPACT DRILL



ELECTRICAL
SCREW DRIVER



AIR COMPRESSOR



PRESSURE WASHER



ELECTRIC ROUTER



ARC
WELDING MACHINE



ELECTRIC
BLOWERS & VACUUMS



CHAINSAW



DRILL BITS



ACCESSORIES



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Power Tools by KisanKraft

USER MANUAL

[AIR COMPRESSOR]



AY-AC-30X



AY-AC-50X

KisanKraft Limited

Warehouse
818 3B1 To 818 3B18, Podalukur - Sangam Road,
Prabagiripatnam, Podalukur, Nellore - 524345, Andhra Pradesh, INDIA

Head Office
Sri Huchhanna Tower, #4, 1st Main, 7-A Cross, Maruthi Layout,
Dasarahalli, HAF Post, Hebbal, Bangalore-560 024, Karnataka, INDIA

Bangalore (HO) | Ahmedabad | Bhopal | Bhubaneswar | Coimbatore | Guwahati
Hubli | Hyderabad | Jaipur | Karnal | Kolkata | Lucknow | Nellore | Pune | Raipur



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HO: Bangalore (Karnataka)	Ahmedabad (Gujarat)	Bhopal (Madhya Pradesh)
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Bhubaneswar (Odisha)	Coimbatore (Tamil Nadu)	Guwahati (Assam)
Plot No. 2509, Near Toyota Showroom, Nuagada, PO-Telengapentha, PS- Banapur, Cuttack, Sadar - 753 011, Odisha Phone: 0671 2959 166 Email: info.bhubaneswar@kisankraft.com GSTIN: 21AACCK6445J1ZM	291/7, Kothari Nagar, MTP Road, Opp. Sai Hospital, Vadamadurai Post, Coimbatore - 641 017, Tamil Nadu Phone: 0422 2460 199 Email: info.coimbatore@kisankraft.com GSTIN: 33AACCK6445J1ZH	Ground Floor, Word No. 06, Near LP School, Paschim, Boragaon Post, Kamrup, Guwahati - 781 035, Assam Phone: 0361 2960 299 Email: info.guwahati@kisankraft.com GSTIN: 18AACCK6445J1Z9
Hubli (Karnataka)	Hyderabad (Telangana)	Jaipur (Rajasthan)
LG-2, Akshay Enclave, Kusugal Road Keshwapur, Hubli - 580 023, Karnataka Phone: 0836 2287 877 Email: info.hubli@kisankraft.com GSTIN: 29AACCK6445J1Z6	Plot No. 7, H No. 5-5-35/234, Shaktipeetam, Prashantinagar, I.D.A, Kukatpalli, Hyderabad - 500 072, Telangana Phone: 040 4025 0114 Email: info.hyderabad@kisankraft.com GSTIN: 36AACCK6445J1ZB	No. 69-A, Sudershanpura Industrial Area, Bais Godam, Jaipur - 302 006, Rajasthan Phone: 0141 2219 128 Email: info.jaipur@kisankraft.com GSTIN: 08AACCK6445J1ZA
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Near Shani Mandir, Bypass GT Road, Karnal - 132 001, Haryana Phone: +91 70822 18201 Email: info.karnal@kisankraft.com GSTIN: 06AACCK6445J1ZE	Sadananda Ind. Estate, Dag No. 1183, Mouza-Balitikuri & Dag No.1504, Dharsa-Balitikuri, Bakkultala, Howrah - 711 113, West Bengal Phone: 033 2955 0403 Email: info.kolkata@kisankraft.com GSTIN: 19AACCK6445J1Z7	Plot No. E-45, Phase-2, Transport Nagar, Kanpur Road, Lucknow - 226 012, Uttar Pradesh Phone: 0522 2978 200 Email: info.lucknow@kisankraft.com GSTIN: 09AACCK6445J1Z8
Nellore (Andhra Pradesh)	Pune (Maharashtra)	Raipur (Chhattisgarh)
Podalakur Sangam Road, Opp. Sudalagunta Sugar Factory, Prabhagiripatnam Village Podalakur Mandal, Sri Potti Sreeramulu, Nellore - 524 345, Andhra Pradesh Phone: 080 2217 8200 Email: info@kisankraft.com GSTIN: 37AACCK6445J1Z9	S.R.No. 133, Village – Uruli Devanchi, Taluka – Haveli, District – Pune - 412 308, Maharashtra Phone: +91 84829 75446 Email: info.pune@kisankraft.com GSTIN: 27AACCK6445J1ZA	Block No. 5, Plot No. W1A-04, Dr. Khoob Chand Baghel, Transport Nagar, Rawabhata, Raipur - 492 010, Chhattisgarh Phone: +91 91099 98071 Email: info.raipur@kisankraft.com GSTIN: 22AACCK6445J1ZK

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Wide Range of Products for Every Need



For more information give **MISSED CALL: 07676065555**



Many of our products have BIS: ISI certification.



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KisanKraft has a large range of products to serve the farmers. A list of our products is given below:

<p>Brush Cutters and Accessories</p> <ul style="list-style-type: none"> Brush Cutter/Power Weeder Backpack Brush Cutter Tea Pruner Pole pruner with Engine Reaper Attachment Blades-Circular Blades (2 & 3 points) Baffle Nylon Rope Tap & Go <p>Chainsaws</p> <ul style="list-style-type: none"> Petrol Chainsaw Electric Chainsaw Chain Sharpening Machine <p>Engines and Water Pumps</p> <ul style="list-style-type: none"> Engine –Diesel-(Horizontal) Engine –Diesel(Vertical) Engine-Kerosene Water Pump with Petrol Engine Water Pump with Kerosene Engine Water Pump with Diesel Engine <p>Hand Tools</p> <ul style="list-style-type: none"> Secateurs Folding Saw Garden Rake Garden Shovel Hedge Shear Lopper Telescopic Hedge Shear Telescopic Lopping Shear Tree Pruner Telescopic Steel Pipe & Fruit Picker Bag Sheep Shear <p>Garden Tools</p> <ul style="list-style-type: none"> Electric Pressure Washer Hedge Trimmer Lawn Mower (Electric, Petrol & Manual) Leaf Blower 	<p>Cultivators and Accessories</p> <ul style="list-style-type: none"> Petrol and Diesel <p>Sprayers and Accessories</p> <ul style="list-style-type: none"> Battery Sprayer Portable Power Sprayer Trolley Sprayer Manual Knapsack Sprayer Manual Pressure Sprayer Rose Cans Hose Crimping Machine HTP Sprayer HTP Delivery Hose HTP Hose Reel HTP Stand HTP Gun / Lance(Brass Rod) Knapsack Power Sprayer Mister / Duster / Granules Spreader HTP Sprayer Set with Diesel Engine HTP Sprayer Set with Kerosene Engine Fogging Machine <p>Milking Machine</p> <ul style="list-style-type: none"> Wood Shredder Fodder Ensiling Chaff Cutter Fodder Grinder Chaff Cutter Fodder Mini Chaff Cutter <p>Harvester</p> <ul style="list-style-type: none"> Maize Sheller Maize Sheller + Dehusker Maize Combine Harvester Onion Digger Carlotta Italy Tea Leaf Harvester Sugarcane Combine Harvester Sugarcane Leaf Stripper <p>Transplanter and Post Hole Digger</p> <ul style="list-style-type: none"> Paddy Transplanter (2 & 8 Rows) Transplanter-Vegetable & Tobacco Post Hole Digger(4" to 14" Augers)
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LIST OF GOODS		
No	Designation	Qty
1	Air compressor	1
2	Air filter	1
3	Breath pipe	1
0	Rubber gasket	1
5	Operation manual	1

IMPORTANT NOTICE: THINGS TO DO BEFORE OPERATING YOUR NEW COMPRESSOR FOR THE FIRST TIME

1. On the top front of the compressor you will find a white plastic shipping plug inserted into the Oil Filter Hole. Remove the shipping Plug and replace by pressing the red Oil Filter Plug (supplied in the parts bag in to the Oil filter Hole.
2. Also, supplied in the parts bag you will find a black Air Breather Assembly. Screw the assembly into the hole on the side and at the top of the compressor head.
3. Using the Sight-Glass built into the lower front area of the compressor (just behind the Regulator), check the Oil Level, it should be at the halfway mark on the Sight glass for normal operation. If it is necessary to add oil, please use any standard air compressor oil available at Home Centers and other major retailers.
4. There are two Air Outlet Fittings on the Regulator. Air Outlet fittings on the Regulator. Air flow for one fitting is operated by turning the Regulator Handle. The other is a free flow directly from the tank. Screw either a metal cap or a quick-coupler (not supplied) onto the free-flowing fitting before starting the Compressor. Use nylon thread seal tape when working with air fittings to prevent leakage.

INTRODUCTION

Read this manual carefully before operating or servicing this, air compressor to familiarize yourself with proper safety, operation and maintenance procedure. FAILURE TO COMPLY WITH INSTRUCTIONS IN THIS MANUAL COULD RESULT IN PERSONAL INJURY, PROPERTY DAMAGE, AND/OR VOIDING OF YOUR WARRANTY. Following the instructions in this manual will provide a longer and safer service life for your air compressor.

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SAFETY GUIDELINES

DANGER-AN IMMEDIATE HAZARD THAT WILL CAUSE SERIOUS INJURY OR LOSS OF LIFE.

1. TO REDUCE THE RISK OF FIRE OR EXPLOSION, NEVER SPRAY FLAMMABLE LIQUIDS IN A CONFINED AREA. It is normal for the motor and pressure switch to produce sparks while operating. If sparks come into contact with vapors from gasoline or other solvents, they, may ignite causing fire or explosion. Always operate the compressor in a well-ventilated area. Do not smoke while spraying. Do not spray where sparks or flame are present, Keep compressor as far from spray area as possible.
2. The solvents Trichloroethane and Methylene Chloride can chemically react with aluminum used in paint spray guns, paint pumps, etc. and cause an explosion. If you are using these solvents, use only stainless steel spray equipment. This does not affect your air compressor, but many affect the equipment being used.
3. Never directly in hale the compressed air produced by a compressor. It is not suitable for breathing purpose.

PARTS LIST

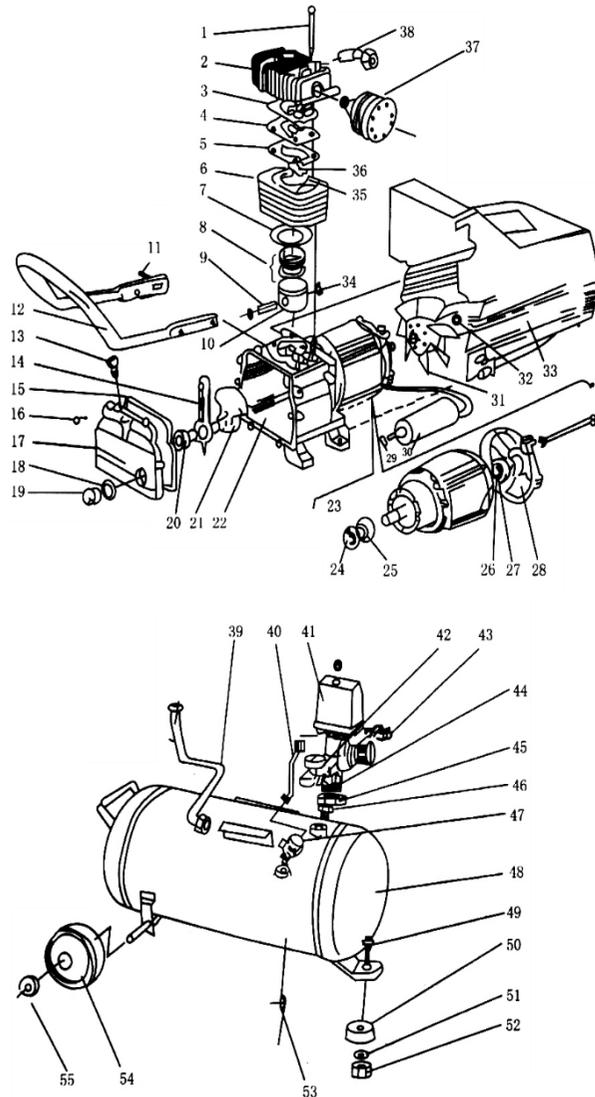
No	Designation	Qty.	No	Designation	Qty.
1	Bolt M8x1 10	4	29	Nut M8	1
2	Cylinder head	1	30	capacitance	1
3	Cylinder head gasket	1	31	Fan	1
4	Valve plate	1	32	Circlip	1
5	Valve gasket	1	33	Fan cover	1
6	Cylinder	1	34	Circlip	a
7	Cylinder gasket	1	35	Locating pin	2
8	Piston ring	3	36	Valve clack	1
9	Piston pin	1	37	Air filter	1
10	Piston	1	38	Connector	i
11	Screw M5x14	4	39	Discharge pipe	1
12	Handhold	1	40	Release pipe	1
13	Breath pipe	1	41	Pressure switch	1
14	Connecting rod	1	42	Pressure gauge	1
15	Rubber gasket	1	43	Outlet valve	2
16	S crew M5x14	6	44	Switch bracket	1
17	Crank case cover	1	45	Connector nut	1
18	Oil leveler washer	1	46	Discharge connect	1
19	Oil leveler	1	47	Unilateralism valve	1
20	Bolt M8x22—right	1	48	Air tank	1
21	Crank	1	49	Bolt M8x25	1
22	Crank case	1	50	Washer foot	1
23	Motor	1	51	Washer 8	1
24	Sealing ring	1	52	Nut 8	1
25	Bearing 6204RS	1	53	Drain cock	1
26	Bearing 6202RS	1	54	Wheel	2
27	Corrugated washer	1	55	cover piece	2
28	Motor bracket	1			

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PART DIAGRAM

WARNING-A POTENTIAL HAZARD THAT COULD CAUSE SERIOUS INJURY OR LOSS OF LIFE.

1. Do not weld on the air tank of this compressor. Welding on the air compressor tank strength and cause an extremely hazardous condition. Welding on the tank in any manner will void the warranty.
2. Never use an electric air compressor outdoors when it is raining or on a wet surface, as it may cause an electric shock.
3. This unit starts automatically. Always shut off the compressor remove the plug from the outlet. And bleed all pressure from the system before servicing the compressor and when the compressor is not in use.
4. Check the manufacturer's maximum pressure rating for air tools and accessories. Compressor outlet pressure must be regulated so as to never exceed the maximum pressure rating of the tool.
5. High temperatures and moving parts are present under the shroud. To prevent burns or other injuries. DO NOT operate with the shroud removed. Allow the compressor parts to cool before handling or servicing.
6. Be certain to read all labels when you are spraying paints or toxic materials and follow the safety instructions. Use a respirator mask if there is a chance of inhaling anything you are spraying. Read all instructions and be sure that your respirator masks will protect you.
7. Always wear safety goggles or glasses when using an air compressor. Never point any nozzle or sprayer toward a person or any part of the body.
8. Do not adjust the pressure switch or relief valve for any reason. Doing so voids all warranties. They have been pre-set at the factory for the maximum pressure of the unit.

CAUTION A POTENTIAL HAZARD THAT MAY CAUSE MODERATE INJURY OR DAMAGE TO EQUIPMENT.

1. Drain the moisture from the tank on a daily basis. A clean dry tank will help prevent corrosion.
2. Pull the pressure relief valve ring daily to ensure that the valve is functioning properly and to clear the valve any possible obstructions.
3. To provide proper ventilation for cooling the compressor must be kept a minimum of 31 cm (12 inches) from the nearest wall, in a well-ventilated area.
4. Fasten the compressor down securely if transporting is necessary. Pressure must be released from the tank before transporting.
5. Protect the air hose and electric cord from damage and puncture. Inspect them weekly for weak or worn spots and replace if necessary.

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WARNING!

DISCONNECT POWER AND RELEASE ALL PRESSURE FROM THE SYSTEM BEFORE ATTEMPTING TO INSTALL, SERVICE, RELOCATE OR PERFORM ANY MAINTENANCE.

1. Follow all local electrical and safety codes as well as National Electrical Codes (NEC) and Occupational safety and health act (SHA)
2. Electric motors and starters must be securely and adequately grounded using a three-pronged outlet.

CAUTION!

Never use an extension cord with this product. Use additional air hose instead of an extension cord to avoid power loss and permanent motor damage. Use of an extension cord voids the warranty.

BRIEF DESCRIPTION

This micro air compressor is of novel design and execute workmanship. Having the advantages of compact constructing fine appearance, light weight easy operation high safety and low noise it can be widely used in machinery, chemical industry, spray and decoration, automatic control system and other fields where compressed air is required.

TROUBLESHOOTING

Tablet 2

Trouble	Possible causes	Remedies
Motor unable running, Running too Slow or Getting hot	<ol style="list-style-type: none"> 1) Fault in line. or voltage insufficient 2) Power wire too thin or too long 3) Fault in pressure switch 4) Fault in motor 5) Sticking of main compressor 	<ol style="list-style-type: none"> 1) Check the line 2) Replace the wire 3) Repair or replace 4) Repair or replace 5) Check and repair
Sticking of main compressor	<ol style="list-style-type: none"> 1) Moving parts burnt due to the oil insufficient 2) Moving parts damaged, or stuck by foreign body. 	<ol style="list-style-type: none"> 1) Check crankshaft, bearing. Connecting rod. Piston, piston ring. Etc. and replace if necessary.
Terrible shake Or abnormal noise	<ol style="list-style-type: none"> 1) Connecting part loosed 2) Foreign body got into main compressor 3) Piston knocking valve seat 4) Moving parts seriously worn 	<ol style="list-style-type: none"> 1) Check and retighten 2) Check and clean away 3) Replace with thicker Paper gasket 4) Repair or replace
Pressure insufficient or discharge capacity decreased	<ol style="list-style-type: none"> 1) Motor running too slow 2) (2)Air filter choked up 3) Leakage of safety sake 4) Leakage of discharge pipe 5) Sealing gasket damaged 6) (Wake plate damaged, carbon buildup or stuck 7) Piston ring and cylinder worn of damaged 	<ol style="list-style-type: none"> 1) Check and remedy 2) Clean or replace the cartridge 3) Check and adjust 4) Check and repair 5) Check and replace 6) Replace and clean 7) Repair or replace
The oil Consumption too excessive	<ol style="list-style-type: none"> 1) Oil level too high 2) Breath pipe choked up 3) Piston ring and cylinder wont or damaged 	<ol style="list-style-type: none"> 1) Keep the level within 2) Check and clean 3) Repair or replace

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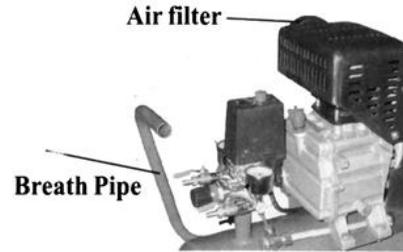
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CAUTIONS

1. Put the cover off first and put on the breath pipe and air filter before the compressor run (Fig.3)
2. Never unscrew any connecting part when the tank is in pressure condition.
3. Never disassemble any electrical part before disconnecting the plug.
4. Never adjust the safety valve carelessly.
5. Never use the compressor in place where voltage is too low or too high.
6. Never use electric wire more than 5m long with less than the section shown in table 1.
7. Never disconnect the plug to stop compressor set the switch knob in position off instead.
8. If the release valve doesn't work as motor stopped, find the cause immediately so as not to damage motor.
9. Lubricating oil must be clean oil level should be kept in the red circle of leveler
10. Disconnect the plug to cut off power supply and open the outlet valve


Fig.3
Table 1

Motor output (HP/kw)	220V/230V/240V sinio- phase		110V/120V sinio- pwr	
	Wire(mm ²)	Fuse (A)	Wire (mm ²)	Fuse (A)
1/0.75	1.5	16	2.0	20
1.5/1.1	1.5	16	2.5	20
2/1.5	1.5	16	2.5	20
2.5/2	2.0	20	2.5	20

MAINTENANCE

1. Clean crankcase and renew lubricating oil after the first 10 working hours
2. Clean the oil level after every 20 working hours and replenish if necessary (Fig.4)
3. Open drain crock under the tank to exhaust condensate after every 60 working hours.
4. Clean crankcase and renew the oil clean air filter and check safety valve and pressure gauge.

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GENERAL VIEW AND MAIN COMPONENTS (Fig.1)

Fig.1

1. Main Compressor
2. Pressure switch
3. Outlet valve
4. Regulating value
5. Pressure gauge
6. One-way valve
7. Drain Couch
8. Wheel
9. Discharge pipe
10. Air tank

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TECHNICAL SPECIFICATION

Parameters	AY-AC-30X	AY-AC-50X
Air flow	178 L/Min	195 L/Min
Voltage	220-240V/110-120V	
Frequency	50Hz/60Hz	
Motor size	ϕ 135*98	ϕ 135*98
Aluminum motor Rotation speed	2850r.p.r/3400r.p.	
Remarks	motor size: ϕ 135*98 Aluminium motor	motor size: ϕ 135*128 Aluminium motor
Pressure: 8 Bar	8 Bar	
Piston:	42mm	47mm
Stroke:	35 mm	
Power:	1.5 hp	2 hp
Tank Size:	24 L	50 L
motor size	ϕ 135*98	ϕ 135*128
	Aluminum motor	

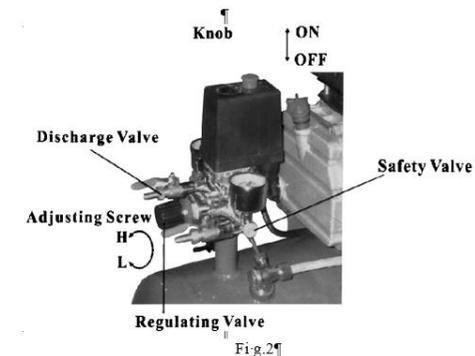
OPERATION INSTRUCTIONS

PREPARATION FOR STARTING

1. The place to start the compressor should be clean dry and ventilated.
2. Keep the use voltage within ±3% of rated.
3. Keep little oil level in the red circle leveler
4. Recommend compressor oil use SAE30 or L-DAB 1110 over 1 ml and use SAE10 or L-DABfi8 below 10 degree C.
5. Open the outlet valve set the knob of pressure switch in position on (Fig.2), let the compressor run few minutes with no load to ensure lubricating the moving pairs before regular service.

OPERATION AND ADJUSTMENT

1. The compressor is controlled by pressure switch when normal working. It can be stopped automatically as pressure increasing to the maximum and restart as pressure decreasing to the minimum. The rated pressure has been adjusted when produced. Don't change it carelessly. As soon as motor switched off the compressed air in the discharge pipe should be released through the release valve under the switch. This is the necessary condition for restart or the motor will be damaged. The rated pressure can be adjusted by turning the bolt of the switch (Fig.2).
2. The input pressure of compressed air will be adjusted by regulating valve (Fig.2.)
3. When the compressor is running need to be stopped, only set knob of pressure switch in position off.



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