

FINDING PROBLEMS AND REPAIRING

Unplug compressor before removing any parts from the compressor.
Empty tank of air before dismantling any parts of the compressor.
Spare parts can be ordered through your dealer or DLS Corporation.

1. Compressor does not start:

- No power from main. Check fuses, plug and electrical connections.
- Pressure switch (H) is defective.
- The thermal protection has switched off the compressor due to overheating. When cooled the unit will automatically turn on.
- Pressure in the tank is too high for activation of the pressure switch.

2. Compressor is operating, but pressure increases slow or not at all:

- The black plug on the intake valve has not been removed and replaced by the intake filter (Fig 1A).
- Intake filter is clogged. Replace with new.
- Leaks in fittings or your equipment. Check with soapy water.
- Air leaks from the condensation valve. Clean or Replace.

3. There is a lot of oil and/or water in pressure line.

- Condensate the air tank with the condensation valve (E).
- Replace oil if it is dark.
- Install an air dryer or dessicant filter inline.

4. Compressor gets very hot and/or uses lots of oil:

- Incorrect oil levels. The level must appear in the oil level glass (I).
- Wrong oil has been used. Only use Refrigeration Type Oil.
- Air leaks or clogged intake filter.
- Too high ambient temperature. Check heads to make sure they are all operating and use extreme ventilation if storing in a closet.
- The compressor has been operating for long periods at a time.
- See EQUIPMENT RECOMMENDATIONS for maximum usage.

5. Compressor starts when no air is being used:

- Leaks. Unplug unit when not in use until leaks can be found.

6. Compressor starts and stops more often than usual:

- Condensate the air tank with the condensation valve (E).
- Leaks.

7. Pressure in the air tank does not reach 100 psi:

- The pressure switch is not adjusted correctly. Contact DLS.

8. It's difficult to see oil level inside the sight glass:

- Tilt the compressor back and forth slowly to see the levels.
- Replace the oil inside each head (contact DLS for instructions).

ONE-YEAR LIMITED WARRANTY

Warranty does not apply if damage is done to unit. Using other types of oil, overheating, accident, misuse, tampering, etc. are possible reasons for voiding your warranty. Must be repaired by DLS Corporation and warranty card sent in.

DLS Corporation • www.dentallabservices.com • 800-514-7063



QUIET AIR COMPRESSORS



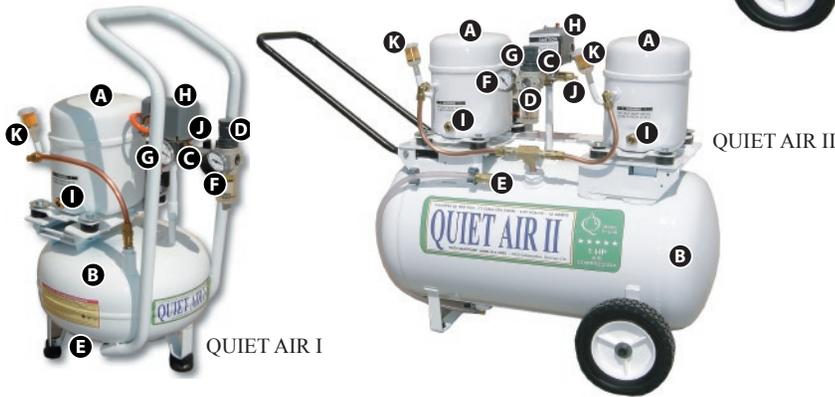
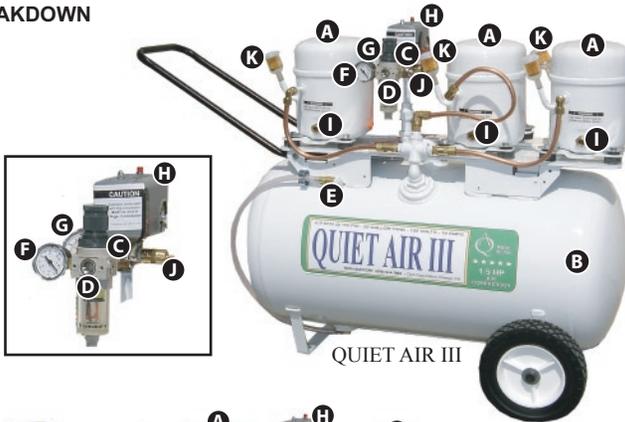
Made in the
U.S.A.

OPERATING MANUAL

The warnings and instructions in this manual can not cover all possible conditions that can occur. It must be understood by the user that caution and common sense are factors which will keep this unit running trouble-free for years to come.

COMPRESSOR PARTS BREAKDOWN

- A** Compressor/Motor
- B** Air Tank
- C** On/Off Air Valve
- D** Air Regulator
- E** Condensation Valve
- F** Regulator Air Gauge
- G** Tank Pressure Gauge
- H** Pressure Switch
- I** Oil Sight Glass
- J** Safety Valve
- K** Input Air Filter



EQUIPMENT RECOMMENDATIONS

QUIET AIR I: Blasting unit at 65psi OR Handpiece at 40psi OR pneumatic tool up to 85psi.
 QUIET AIR II: Blasting unit at 65psi OR 2 Air-HPs at 40psi OR air line at 85psi (5min intervals).
 QUIET AIR III: Same as QAII except can handle up to 3 Air-HPs.

SAFETY

- Directions must be followed and original spare parts used
- Only connect the compressor to 110V and protected against overloading and short-circuiting.
- Do not adjust the pressure switch (H) to a higher pressure than the factory-set pressure.
- Only connect pneumatic equipment suitable for the max. pressure indicated.
- Do not touch compressor head after long operation. The head does get hot after operation. If a head does not seem to be operating, discontinue use.
- Do not direct air flow at head or body.
- Always keep the compressor from reach of children.



SPECIFICATIONS

Model	HP	Power	Tank Size	CFM	Max. PSI	Shipping Lbs.	Unit Dimensions*
QA1	1/2	120V, 6.5a	4 Gal.	2.3	100 psi	65 lbs.	14"L x 14"W x 26"H
QA2	1	120V, 13a	11 Gal.	4.6	100 psi	175 lbs.	28"L x 18"W x 25"H
QA3	1.5	120V, 22a	20 Gal.	6.9	100 psi	225 lbs.	32"L x 19"W x 27"H

QA2 and QA3 are shipped by truck. Please allow 2 extra days for crating.

*Add 10"L for Handle. Dimensions rounded off to nearest inch.

IF YOUR COMPRESSOR WAS SHIPPED:

Remove Black Oil Plugs and Replace with Supplied Air Filters. Insert into hole as shown.



Fig 1A.

Thank you for your purchase of the Quiet Air Compressor! You have purchased a great product!

GETTING STARTED WITH YOUR COMPRESSOR

Your Quiet Air compressor is very easy to operate. Observe the following instructions, and you will get many years of service from your compressor.

INSTALLATION

1. Remove the packaging from QA1 or Crate from QA2/QA3 and make sure the compressor has not been damaged during transportation.
2. Protect the compressor against rain, moisture, frost and dust and keep out of reach of children. Do not store in a closet without ventilation.
3. Replace the black oil plugs with air intake filters supplied (K).
4. Connect the plug. If you must use an extension cord, we recommend using a heavy duty 14 gauge, 3 conductor cord.

CAUTION: When using extension cords, use safety and always observe amperage when sharing with other units on same circuit.

5. Start the compressor using the on/off air valve (C). The compressor will automatically switch off at the preset pressure (100psi). If the compressor does not start it may be due to pressure in the tank and will start again when pressure is reduced.
6. Connect your handpiece, blasting unit or pneumatic unit and you are ready. Use an air line if needed - the size of the outlet fitting is 1/4". Adjust your output pressure (D) by pulling the regulator knob up and turning to desired output psi and then pushing down to lock it in place again.

PREVENTIVE MAINTENANCE

	Weekly	Monthly	Annually
Check oil levels (I). Tilt compressor back and forth to determine levels. During standstill the correct level is between the maximum and minimum indications. Use only Quiet Air Refrigeration Oil. DO NOT OVERFILL.	+		
Drain condensation from the tank with the valve (E).	+		
Check compressor for leaks and check the pumping time.		+	
Inspect, clean or replace instake filters (K).		+	
Clean the compressor with a soft cloth. Dust and dirt can prevent cooling.		+	
Test the safety valve by gently pulling protruding ring (J).			+
Replace oil to ensure clean smooth operation. Contact DLS for instructions.			+