



DA300 & DA300R Air Compressor

1/8 HP (150W), 120VAC, 1 Ph, 60 Hz, 1.3 A, .3 CFM @ 20 PSI,
Noise 53dB, 1720 rpm, Shipping Weight: 4.2kgs (9.2 lbs.).

OPERATION INSTRUCTIONS

Check carefully for damage that might have occurred in transit.

Electrical Requirements:

This unit must only be used at the listed voltage. Low voltage will cause the motor to overheat. Low voltage is recognized when the following conditions exist:

1. Motor does not develop full power or speed.
2. A fuse blow out occurs at starting or when load is applied.
3. Lights dim when motor starts and remains dim.

Avoid excessive voltage drop by keeping extension cords as short as possible. If it is necessary to use an extension cord, do not use less than 16 gauge for 25 feet, 14 gauge for 50 feet, or 12 gauge for 100 feet or more.

THERMAL PROTECTOR

The motor of this compressor has a thermal overload protector. If the motor should overheat, the overload protector will shut off the motor. If this should occur, unplug the compressor and allow the motor to cool (approx. 5 minutes), remove excess load and restart compressor. If the compressor fails to start, check for blown fuses. The compressor may need to cool further before attempting to restart. If the overload protector shut off the motor frequently you may have a low voltage situation. Low voltage can also be suspected when:

1. The motor does not get up to full power or speed.
2. Fuses or circuit breakers activate when starting compressor.
3. Lights dim or remain dim when compressor is started.
4. Other motor operated appliances fail to operate properly. Too many motor operated appliances on same circuit.

SEALING OF AIR HOSE

When attaching the female pipe thread fitting from your air hose to the compressor, it may be necessary to use a quality pipe thread sealant or Teflon® pipe thread tape on the threaded air outlet of the compressor. Failure to do so may cause an air leak and your compressor will not shut off as it should. NOTE: This unit does not require any lubricants or oil. Applying oil to any part could result in damage to the compressor. All bearings, including those in the motor, are grease packed. In case of motor failure, return to authorized motor service station in your area.

AUTOMATIC SHUT-OFF FEATURE

This compressor has a built-in pressure switch that automatically shuts-off the compressor when the airbrush is not in use. It has been preset at the factory to give maximum pressure when the airbrush is attached to the compressor. The compressor will automatically stop when the airbrush is not in use. It will immediately start again as soon as the air is allowed to flow through the airbrush.

TROUBLE SHOOTING

If, while spraying, the compressor starts and stops during a continuous spraying stroke, it means your airbrush or spray gun is not using enough air to prevent the back pressure, being measured by the pressure switch, from reaching the cut-off point. Starting and stopping of the compressor when the airbrush is not in use is caused by an air leak in the hose connection. Usually at the point where the air hose meets the compressor (see Sealing of Air Hose). A short running of the compressor for one or two seconds every five minutes is normal.

GROUNDING INSTRUCTIONS

This product must be grounded. In the event of an electrical short circuit, grounding reduces the risk of electric shock by providing an escape wire for the electric current. This product is equipped with a cord having a grounding wire with a grounding plug. The plug must be plugged into an outlet that is properly installed and grounded in accordance with all local codes and ordinances.

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WARNING: When a flammable liquid is sprayed, there may be danger of fire or explosion especially in a closed room: keep compressor at least 20 feet away from areas where hazardous concentrations of flammable vapors are likely to occur. Disconnect power before servicing.

ATTENTION: Lorsqu'un liquide inflammable est pulvérisé, il peut y avoir danger d'incendie ou d'explosion, spécialement dans une pièce fermée; garder le compresseur à au moins 20 pieds des endroits où des concentrations dangereuses de vapeurs inflammables sont susceptibles de se produire. Débrancher avant toute maintenance.

DANGER— Improper installation of the grounding plug can result in a risk of electric shock.

If repair or replacement of the cord or plug is necessary, do not connect the grounding wire to either flat blade terminal. The wire with insulation, having an outer surface that is green with or without yellow stripes, is the grounding wire. Check with a qualified electrician or serviceman if the grounding instructions are not completely understood or if in doubt as to whether the product is properly connected.

Do not modify the plug provided; if it will not fit the outlet, have the proper outlet installed by a qualified electrician.

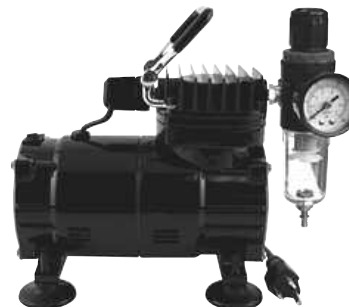
DANGER— Do not use temporary adapter plugs with this compressor.

EXTENSION CORDS — If it is necessary to use an extension cord, use a 3-wire extension cord that has a 3-blade grounding plug and a 3-slot receptacle that will accept the plug on the product. Make certain your extension cord is in good condition. Make certain your extension cord wire is not less than 16 gauge for 25 feet, 14 gauge for 50 feet and 12 gauge for 100 feet. An undersized cord will cause a drop in line voltage resulting in loss of power and overheating. In doubt, use the next heavier gauge. The smaller the gauge number, the heavier the cord.

DA300 120Volts, 60Hz.



DA300R 120Volts, 60Hz. with R-75



(A)
GROUNDING METHOD
Grounded Outlet

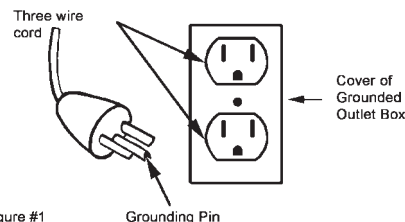


Figure #1