



CP101 & CP101A Mini Air Compressor

ASSEMBLY AND OPERATION MANUAL

The Model Maker™ Mini Air Compressor was designed to provide you with a convenient air source for airbrushing. The cast aluminum body is extremely durable. The moving parts of the compressor are mounted on sealed oil less bearings. This helps the compressor operate quietly and efficiently. The use of these bearings also means that this unit does not require lubrication, making it very user friendly. The Model Maker Mini Air Compressor is suitable for all airbrush applications.

WARNING: THE AIR COMPRESSOR MAY BECOME HOT DURING USE. DO NOT TOUCH THE COMPRESSOR. IF THE COMPRESSOR BECOMES EXTREMELY HOT, STOP USE AND UNPLUG THE COMPRESSOR FROM ITS POWER SOURCE. ALLOW THE UNIT TO COOL BEFORE ATTEMPTING TO USE IT AGAIN. IF IT CONTINUES TO GET EXTREMELY HOT, STOP USE AND SEND THE UNIT TO HOBBY SERVICES FOR INSPECTION.

The Model Maker Mini Air Compressor was designed for use with airbrush systems. This compressor is totally maintenance free. To avoid damage or pre-mature wear, the following instructions should be followed:

- The Model Maker Mini Air Compressor should only be used for its intended use. Improper use could cause bodily harm or damage to the compressor.
- The Model Maker Mini Air Compressor is rated up to 50 psi. Do not use equipment that is not rated for 50 psi. Bodily harm could result.
- Connect the compressor directly to the electrical outlet. Do not use extension cords or power strips.
- To help prevent vibration, the compressor should be placed on a smooth and level surface.
- Locate the compressor as far from the spray area as possible.
- airbrushing should only be done in a well ventilated area. It is highly recommended that a respirator be worn during airbrushing.
- Do not move the compressor during operation.
- Do not allow moisture in the compressor. This could cause bodily harm or damage to the compressor.
- After the system is set-up, check for air leaks. If air leaks are detected turn the compressor off and repair the leak before using again.
- When not using, shut the compressor off.
- Always disconnect the power cord from the electrical outlet when changing parts attached to the compressor.



- The compressor has a thermo cut-off to protect it from overheating.
- Do not operate the compressor or airbrush around an open flame or while smoking.
- Do not disassemble or attempt to repair the compressor. If service is required send the compressor to **Hobby Services**.
- It is recommended that the compressor be used with a regulator/moisture filter.
- The compressor should not be used or stored in extreme hot or cold conditions. Doing so, could cause damage to the compressor.

OPERATION

When using a regulator/moisture filter:

Connect the airbrush to the airbrush hose. Attach the proper fitting to the airbrush hose (the fitting depends on the brand of airbrush being used). Apply a small amount of joint compound or Teflon tape to the male end of the fitting to prevent air leaks. Tighten the fitting onto the hose, make sure not to overtighten the fitting on the hose causing damage to either the fitting or the hose. Attach the fitting on the end of the airbrush hose to the regulator/moisture filter. Again, use a small amount of joint compound or Teflon tape on the male end to prevent air leaks. Properly tighten the fitting in the regulator/moisture filter. Attach the regulator/moisture filter to the compressor by threading the regulator onto the male joint protruding from the handle of the compressor. Again, use joint compound or Teflon tape on the male fitting on the compressor to help prevent air leaks and avoid overtightening the fitting.

Once the system is connected, turn the compressor on and check for leaks or malfunctions. If either is detected immediately turn the compressor off and un-plug it from its power source. Do not use the compressor until the problem has been fixed.

When connecting the airbrush hose directly to the air compressor:

When connecting the airbrush hose directly to the compressor a special fitting must be used. This fitting has a bleed hole drilled in it to prevent the air pressure from exceeding the recommended level for the airbrush. Obtain the proper fitting and install it onto the airbrush hose. Then attach the fitting and hose to the compressor. A small amount of joint compound or Teflon tape should be used on the male side of the fittings to help prevent air leaks. Also, the connections should be properly tightened. Make sure not to overtighten the fittings, this could cause damage to the parts.

READ THROUGH THIS MANUAL BEFORE USING YOUR AIRBRUSH. IT CONTAINS IMPORTANT INSTRUCTIONS AND WARNINGS CONCERNING THE USE OF THIS AIRBRUSH.

If the buyer is not prepared to accept the liability associated with the use of this product, the buyer is advised to return it immediately in new and unused condition to the place of purchase.

Once the system is fully hooked up, turn the compressor on and check for leaks or malfunctions. If either is detected immediately turn the compressor off and un-plug it from its power source. Do not use the compressor until the problem has been fixed.

WARRANTY

Model Maker warrants this product to be free from defects in material and workmanship for a period of one (1) year from the date of purchase. During that time, we will repair or replace, at our option, any product that does not meet these standards. You will be required to provide proof of purchase date (receipt with UPC proof-of-purchase or invoice).

If, during the one year warranty period, your Model Maker product shows defects caused by abuse, misuse, or accident, it will be repaired or replaced, at our option, at a service charge not greater than 50% of the current retail list price. Be sure to include your daytime telephone number in case we need to contact you about your repair.

Under no circumstances will the purchaser be entitled to consequential or incidental damages.

This warranty gives you specific legal rights, and you may also have other rights, which vary from state to state.

If you attempt to disassemble or repair this unit yourself, it may void the warranty.

For service on your Model Maker product, either in or out of warranty, send it post paid and insured to:

Hobby Services

3002 N. Apollo Drive, Suite 1
Champaign IL 61822 USA
(217) 398-0007
www.hobbyservices.com

This warranty applies to USA and Canada only. For service in other countries, please inquire at the place of purchase. Customers residing outside the USA and Canada who wish to have service performed at our USA service center will be responsible for all postage charges.

This product contains a chemical known to the State of California to cause cancer and birth defects or other reproductive harm.

OTHER ITEMS AVAILABLE FROM MODEL MAKER



Model Maker DA400 Double Action Pro Airbrush Kit

Suitable for artwork and fine detail painting, the DA400 Airbrush for 15-30 PSI features a precision-machined fine nozzle and double action, trigger air-paint control with internal mix. The kit includes a barbed hose adapter, 9cc side-mount paint cup, and wrench. **HCAR4012**



Model Maker DA450 Double Action Pro Airbrush Kit

Ideal for artwork and fine detail painting, the bottom-feed DA450 Airbrush for 15-30 PSI features a precision-machined fine nozzle and double action, trigger air-paint control with internal mix and external needle stop adjustment. The kit includes extra 22cc and 50cc paint jars, 7cc paint cup, braided air hose, two optional nozzles and needles, and wrench. **HCAR4014**



Model Maker DA500 Double Action Pro Paint Gun Kit

Suitable for artwork and fine detail painting, the DA500 Airbrush for 15-30 PSI features a precision-machined fine nozzle and double action air-paint control with internal mix. The kit includes 5 feet of air hose, can adapter, 22cc side mount paint cup, and wrench. **HCAR4016**



Model Maker Mini Regulator with Filter

The Mini Regulator with Filter incorporates a pressure regulator, filter, and water trap into one compact and convenient unit. Made of sturdy cast aluminum, it features a standard 5-micron nylon filter element that removes dirt, grime, pipe scale and most other solid materials. Range is adjustable between 2-160 PSI. Includes mounting bracket and two 1/4" to 1/8" NPT adapters. **HCAR4027**