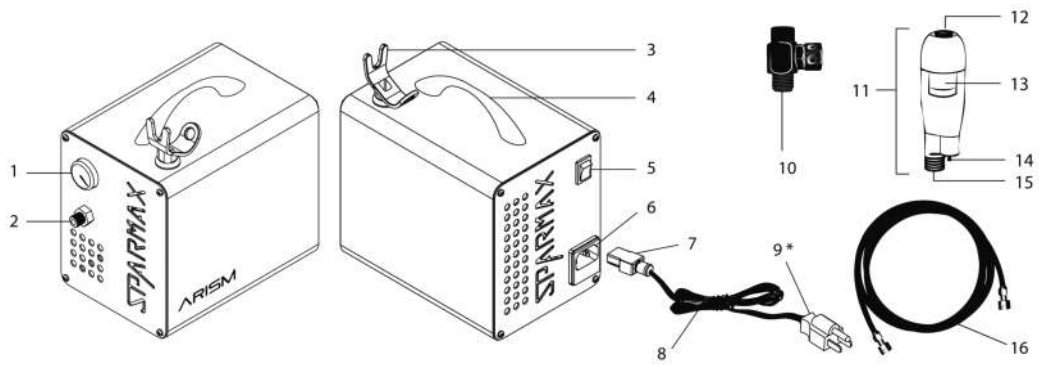


Teilezeichnung AC-66hx/Part drawing AC-66hx



- 01 Manometer/Pressure gauge
- 02 Luftauslass/Air outlet
- 03 Airbrush-Halter/Airbrush holder
- 04 Griff/Handle
- 05 Ein-/Ausschalter/On/off switch
- 06 Buchse/AC Power inlet
- 07 Netzstecker/Connector of power cable
- 08 Kabel/Power cable
- 09 Stecker/Plug

- 10 Luftventil/Bleed valve
- 11 Silver bullet Airbrush Wasserabscheider/
Silver bullet Airbrush Moisture trap
- 12 Silver bullet Luftauslass/Silver bullet air outlet
- 13 Silver bullet Filter/Silver bullet filter
- 14 Silver bullet Ablass-Ventil/
Silver bullet drain valve
- 15 Silver bullet Lufteinlass/Silver bullet air inlet
- 16 Gewebeschauch/Braided Air hose

Introduction

Preface

This operating manual applies to type AC-66hx series compressors. It contains important information on the safe, correct and economical operation of your compressor.

Important safety instructions

Please read the operating manual carefully prior to commissioning and observe the instructions contained therein!

Check for transportation damage. The switch should be in the Off (or 0) position prior to commissioning. Please contact the retailer immediately should deficiencies be detected on the unit. Retain the packaging carton in case guarantee repairs should prove necessary. Units will only be accepted by the manufacturer in their original packaging.

The compressor is subject to strict safety standards and its functionality has been thoroughly inspected and tested by the manufacturer at the time of leaving the factory. Please heed the following instructions in this respect.

Children should never be allowed to use the unit.

Never direct the pressure blast towards people or animals.

Never leave the compressor running unsupervised.

Never operate the unit with wet feet and do not touch it with wet hands.

Do not tug on the power cable. The compressor should be activated and deactivated in every case using the push button.

The unit should only be entrusted to a specialised dealer for repairs.

Earthing in compliance with safety standards will ensure the electrical safety of the unit. The manufacturer bears no liability for any subsequent damage, injury or accidents occurring in the absence of correct earthing.

The unit is designed for standard voltage (see technical data label) and should only be connected to a correctly installed and earthed electrical socket. Voltage should correspond to the voltage specified on the technical data label.

The socket to which the unit is connected should be easily accessible to allow speedy disconnection from the power supply at all times should the need arise.

The unit's safety and protective equipment should not be altered or deactivated.

The unit should be disconnected immediately from the mains power supply if unusual noises, odours or malfunctions are detected during operation. A specialised workshop should be contacted if necessary. The machine should only be used when it is in a perfect operating condition.

Protect the compressor against the effects of cold.

The compressor should never be exposed to rain or water spray.

There is a risk of fire and/or explosion if the unit is sprayed with flammable liquids.

Do not use the compressor near exposed fires.

Keep highly-flammable objects, materials or nylon away from the compressor.

Do not use the compressor if the power cable is damaged or the electrical power connection does not comply with safety standards.

Ensure that the compressor is located in a well-ventilated room and that the air impeller receives an unhindered supply of air.

Ensure that other persons are only permitted to use the compressor after receiving the necessary instruction.

Environmental protection instructions



The symbol on the product, operating manual or the packaging indicates that this product should not be disposed of in normal household waste at the end of its service life. It should be brought to a collecting point for the recycling of electrical and electronic devices. Materials should be recycled according to their respective markings. Recycling of old devices or the recycling of re-usable materials contained therein represents an important contribution to environmental protection.

Please heed the following instructions in your own interest:

Read the operating manual prior to commissioning and before realising maintenance work. Only adherence to the operating manual is regarded as correct use. The operating manual should be kept immediately next to the compressor at all times.

Correct use:

This compressor was designed to operate commercially-available airbrush devices.

Please also heed the following:

Correct use also includes the realisation of maintenance work described in this operating manual and correct disposal of operational media utilised. Any use other than that described in this operating manual is regarded as incorrect. The operator is solely responsible for the consequences of such incorrect use. Design and constructional changes to the compressor are prohibited.

Warning instructions

You will repeatedly encounter certain warning instructions and paragraph formats in this operating manual. These have the following meaning:



Warning: This symbol indicates a hazard for people and/or the machine. Always heed these safety instructions in your own interest.



Note: This symbol indicates user tips and other useful information.



Note: This symbol appears repeatedly where operating media or materials are involved that must be handled and disposed of in accordance with legal directions for environmental protection.

1. Numbered instructions indicate working steps that should be realised in the sequence specified.

Warranty

The manufacturer guarantees the original purchaser that the product was free from material defects at the time of delivery, said warranty applying to this product for a period of two years from the purchase date. In the event of the product exhibiting a material defect during the warranty period, the product shall, where a purchase receipt is produced, be repaired within a reasonable period of time or replaced with an equivalent or replacement model.

The warranty period is twelve months from the purchase date in the case of commercial use of the product. Neither this warranty nor any other warranty or guarantee, either expressly assured or otherwise specified, including a condition with regard to commercial quality or suitability for a particular purpose, has validity beyond the warranty period stipulated.

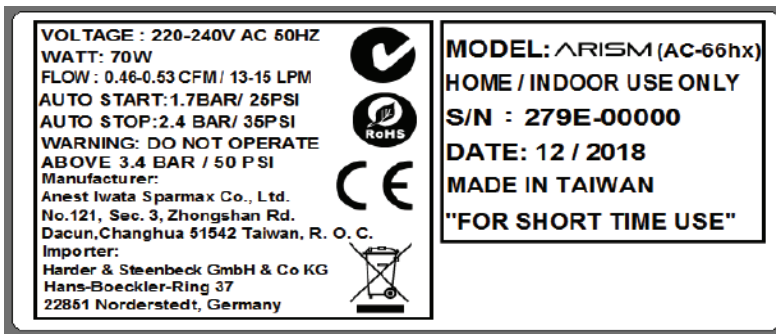
Prior to initial commissioning

Unpacking the unit

Check the unit for any transportation damage after unpacking the compressor.

Or else do not use the compressor.

Check the voltage on the technical data label.



Note: It is sensible to retain packaging materials for future use should you wish to transport the unit again at a later date.



Note: Packaging material should be disposed of in accordance with valid regulations if it is no longer required.

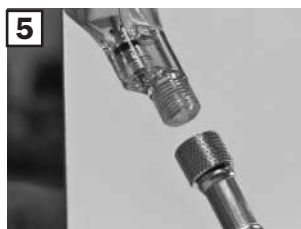
Checking the integrity of the unit

Check to ensure that the unit has been delivered in its entirety. In addition to the compressor, the scope of delivery encompasses the following components: compressor, airbrush holder, braided hose, Silver bullet, bleed valve, operating manual.

Unit installation

Install the compressor on a level surface in a well-ventilated room with adequate space. Room temperature should not exceed 35 °C.

1. Plug the connector of power cable to the compressor's AC power inlet
2. Screw the hose to the air outlet
3. Connect the Silver bullet with the bleed valve
4. Screw the airbrush onto the airbrush bleed valve
5. Connect the hose with the Silver bullet



Beginning of operation

Connect the compressor to the power supply system. Turn the on/off switch to I (on)

The compressor is fitted with an automatic shut-off switch. The shut-off switch automatically deactivates the motor after it has built up the maximum pressure required.

The motor is automatically reactivated when the pressure reaches 25psi (1.7 bar).



Note: When working with adjusted air pressure, airflow will constantly leak from the airbrush bleed valve thus rendering the auto stop pressure switch feature inoperative. Closing the airbrush bleed valve will reinstate the auto shut off feature.

Setting the working pressure

The desired working pressure can be set using the airbrush bleed valve with the airbrush trigger depressed. The auto shut off feature is disabled.

1. **Increasing the pressure:** Turn the knob in a clockwise direction.
Reducing the pressure: Turn the knob in an anticlockwise direction.



Thermal protector

All compressors are fitted with a thermal protector. This automatically deactivates the motor in the event of overloading or overheating to protect the unit against damage. If overheating or overloading causes the thermal protector to switch off the compressor, proceed as follows:

1. Turn the on/off switch to 0 ("OFF") and allow the unit to cool for approx. 30 minutes.
2. The unit can be switched on again after approx. 30 minutes.


Deactivating the compressor

The unit should be deactivated if the compressor is not used for a longer period of time.

Turn the on/off switch to the 0 position ("OFF") to deactivate the unit.

After deactivation drain the pressure with depressed airbrush trigger.

Draining water from the moisture trap

 **Note:** Condensate emerging from the unit should be removed with a suitable medium (e.g. a cloth).

Condensate water should be drained from the moisture trap daily after use (or more often if necessary).



Push the knob in, holding it depressed until the water has drained out. After the water has been drained, release the knob. The knob will close automatically when the compressor is under pressure.

Maintenance work

The following maintenance work should be realised at the recommended intervals to increase the service life of your compressor.


Carry out visual inspection

Carry out a visual inspection of the unit after work. Ensure in particular that no connections or screws have loosened and examine the general condition of braided hose.


Technical data

The following is a table of performance values of individual compressor types.

Model	Voltage/ frequency Volt/Hz	Power Watt	Airflow LPM	Max. pressure bar/psi	Tank capacity litre	Noise level dB (A) 1m	Weight net kg
AC-66hx	220-240/50	70	13-15	2.4/35	-	54	2.6

 **Note:** The airflow indicated of 14LPM is an average value, each unit has tolerance, and current fluctuation can also affect actual airflow performance.

Fault table AC-66hx

 **Warning:** The unit should be de-energised immediately in the event of a malfunction. Repairs should only be entrusted to trained and qualified skilled personnel.

Malfunctions	Possible causes	Remedy
The compressor motor does not start	<p>NOTE: The auto-stop feature of this unit's pressure switch automatically stops when the pressure reaches 35 psi/ 2.4 bar. This is not a fault condition and is part of the normal and expected behavior of the unit.</p> <p>No power</p> <p>Damaged electrical cables or loose electrical connections</p> <p>Residual pressure remains</p>	<p>Once pressure drops to 25 psi/1.7 bar, the auto-start feature automatically restart the compressor's motor</p> <p>Check to make sure the unit is plugged in and the on/off switch is in the "on" position</p> <p>Specialist workshop</p> <p>Release the pressure with depressed airbrush trigger</p>
Compressor running, but does not build up adequate pressure	Leak in air hose or a poor connection	Check all connections and air hoses for potential leaks
Compressor becomes too hot	<p>Room temperature too high or ventilation is inadequate</p> <p>Compressor overloaded</p>	<p>Ensure adequate room temperature and appropriate ventilation</p> <p>Check whether compressor is suitable for load</p>
Compressor becomes too hot and deactivates during operation	Thermal protector has shut down compressor	Turn off the compressor and allow unit to cool for at least 30 minutes.

 **Note:** No claim is made to the completeness of the possible malfunctions listed here.