

# **VEVOR<sup>®</sup>**

## **TOUGH TOOLS, HALF PRICE**

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### **Oil Lubricated Air Compressor Pump**

**MODEL : SL-265/8、DF-290T/12.5、DF-265/8、DF-190T/12.5**

We continue to be committed to provide you tools with competitive price. "Save Half", "Half Price" or any other similar expressions used by us only represents an estimate of savings you might benefit from buying certain tools with us compared to the major top brands and does not necessarily mean to cover all categories of tools offered by us. You are kindly reminded to verify carefully when you are placing an order with us if you are actually saving half in comparison with the top major brands.

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Oil Lubricated  
Air Compressor Pump

The pictures are for reference only, please refer to the actual product for accuracy:



## NEED HELP? CONTACT US!

Have product questions? Need technical support? Please feel free to contact us:

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This is the original instruction, please read all manual instructions carefully before operating. VEVOR reserves a clear interpretation of our user manual. The appearance of the product shall be subject to the product you received. Please forgive us that we won't inform you again if there are any technology or software updates on our product.

# INSTRUCTIONS

## Preface

First of all, let us express our heartfelt thanks to our customers who have purchased our equipment. This manual is for customer service to make better use of this equipment. Written with this equipment. Hope the company's products and services to bring you the canal courtesy.

## Important reminder

For your own safety, before assembling and using such products, you must first read this manual to clarify the unique operation, application, and possible problems of this equipment.

## Describe

The oil lubricated air compressor pump is specially designed for various oil lubricated air compressors. These compressors provide power for spray guns, impact wrenches, and other tools. These devices must operate in the presence of lubricating oil. The compressed air from the equipment will contain moisture and oil. If the application requires dry and clean air, please install a water filter, air dryer, and oil-water separator.

## Safety signs

In this operating manual and on the machine, safety symbols and warning words are used to convey important safety information. This section will help you enhance your understanding of these safety symbols and warning words.

### ▲ DANGER!

Danger indication Emergency situations, if not avoided, can lead to death or serious injury.

### ▲ WARNING!

Warning indicator A potentially dangerous situation, if not avoided, can lead to death or serious injury.

### ▲ CAUTION!

Caution indicates a hazardous situation, which, if not avoided, MAY result in minor or moderate injury.

## **▲ NUTICE!**

Notice indicates important information that if not followed, MAY cause damage to equipment.

## **Unpicking**

After unpacking the unit, inspect carefully for any damage that may have occurred during transit. Make sure to tighten fittings, bolts, etc, before putting unit into service.

## **▲ WARNING!**

Do not operate unit if damaged during shipping. Handling or use. Damage may result in bursting and cause injury or property damage.

## **▲ DANGER!**

### **Breathable Air Warning**

This compressor is not equipped and should not be used “as is “ to supply breathing quality air.

For any application of air for human consumption, the air compressor will need to be fitted with suitable in-line safety and alarm equipment. This additional equipment is necessary to properly filter and purify the air to meet minimal specifications for Grade D breathing as described in Compressed Gas Specification Association Commodity G7.1-1966. OSHA 29 CFR 1910.134. and/or Canadian Standards Associations (CSA)

## **GENERAL SAFETY INFORMATION**

Due to the use of air compressors and other components (material pump spray guns, filters, lubricators, hoses, etc.), which form a high-pressure pumping system, the following safety measures must always be followed:

1. Carefully read all manuals included with this product to thoroughly familiarize yourself with the control and correct use of the equipment.
2. Comply with all local electrical and safety regulations, as well as the National Electrical Code (NEC) and Occupational Safety and Health Act (OSHA) in the United States.
3. Only people familiar with these safety operating rules can use the compressor.
4. Keep visitors away and never allow children to enter the work area.

5. When operating pumps or devices, please wear safety glasses and use hearing protection.
6. Do not stand or use the pump or device as a handle.
7. Before each use, check the compressed air system and electrical components for signs of damage, deterioration, weakness, or leakage. Repair or replace defective items before use.
8. Check all fasteners for tightness at regular intervals.

**▲WARNING!**

Equipment and control devices can generate arcs, igniting flammable gases or vapors. Do not operate or repair in or near flammable gases or vapors. It is prohibited to store flammable liquids or gases near the compressor.



**▲CAUTION!**

Even if the unit stops, the compressor components may still be hot.

9. Keep your fingers away from the running compressor, as moving quickly and overheating components can cause injury and/or burns.
10. If the equipment begins to vibrate abnormally, please stop the engine/motor and immediately check the cause. Vibration is usually a warning of a malfunction. To reduce the risk of fire, the exterior of the engine/motor should be kept free of oil, solvents, or excessive lubricating grease.

## **SPRAYING PRECAUTIONS**

**▲WARNING!**

Do not spray flammable materials in vicinity of open flame or near ignition sources including the compressor unit.

13. Do not smoke when spraying paint, insecticides, or other flammable substances.
14. Use a face mask/respirator when spraying and spray in a well ventilated area to prevent health and fire hazards.
15. Do not spray paint or other spraying materials directly onto the compressor. Place the compressor as far away from the spraying area as possible to minimize the accumulation of excessive spray on the compressor.
16. When spraying or cleaning with solvents or toxic chemicals, follow the instructions provided by the chemical manufacturer.

## ASSEMBLY

1. As this product is an independent air compressor pump, please make sure to check the product's specifications before installation and use to avoid incorrect matching and problem points.
2. Before installation, please pay attention to checking whether the performance parameters of the motor matched with the installation of the air compressor pump meet the requirements, and confirm whether the rated working pressure of the air storage tank matches the rated working pressure of the air compressor pump.
3. During installation, please ensure that the air compressor pump is securely fixed to the rack board with bolts. If it is not securely fixed, there is a risk of the air compressor pump flying out and injuring people.
4. After the installation and fixation of the air compressor pump, please use the corresponding size of the main wheel. If the incorrect main wheel is used, there may be differences in the performance of the main engine and other unknown risks.
5. Before starting use, please add an appropriate amount of lubricating oil to the oil inlet of the air compressor pump. The amount of oil can be observed through an oil mirror, and the oil level should exceed the red line of the oil mirror by 1-2mm.



6. After powering on and starting to use, please pay attention to checking for any abnormal vibrations in the air compressor pump. If there are any abnormal vibrations, the installation and accessories need to be rechecked until they are repaired.
7. The lubricating oil of the air compressor pump should be replaced with new oil after the initial 50 hours or one week of operation. After that, the new oil should be replaced every 300 hours. For harsh operating environments, the new oil should be replaced every 150 hours, and the oil should be replenished every 36 hours of operation (observe the oil level indicator). The oil level should be checked daily to ensure the lubrication effect of the air compressor.

## MAIN TECHNICAL DATA

Model	SL-265/8	DF-290T/12.5	DF-265/8	DF-190T/12.5
Rated power	3HP	10HP	3HP	5.5HP
Compression level	First level compression	Two-stage compression	First level compression	Two-stage compression
Rated working pressure	116Psi/8bar	180Psi/12.5bar	116Psi/8bar	180Psi/12.5bar
Number of cylinders	Two	Three	Two	Two
External dimensions	L270×W310×H320mm 10.6×12.2×12.6 inch	L500×W330×H410mm 19.7×13×16.15 inch	L360×W260×H320mm 14.2×10.2×12.6 inch	L430×W300×H390mm 16.9×11.8×15.3 inch
Installation dimensions	L142×W136mm 5.6×5.35inch	L252×W160mm 9.92×6.3inch	L172×W90mm 6.77×3.54inch	L260×W138mm 10.24×5.43inch
Wheel Diameter	Φ265mm 10.43inch	Φ340mm 13.38inch	Φ240mm 9.45inch	Φ340mm 13.38inch

## Install

### Position

It is very important to install the compressor in a clean and well ventilated place. The minimum gap between the compressor and the wall is 18 inches, as objects can obstruct the airflow, and the surrounding air temperature should not exceed 100 ° F.

# TROUBLESHOOTING CHART

Symptom	Possible Cause (s)	Corrective Action
Wrong direction of operation	Motor wiring error	Change wiring
Intense vibration	<ol style="list-style-type: none"> <li>1. Excessive exhaust pressure</li> <li>2. The rotational speed is too high</li> <li>3. V-belt misalignment or loose flywheel</li> <li>4. Deformation of crankshaft</li> </ol>	<ol style="list-style-type: none"> <li>1. Reduce exhaust pressure</li> <li>2. Reduce the speed</li> <li>3. Reinstall and adjust</li> <li>4. Send to the factory for repair or replacement</li> </ol>
Abnormal noise during rotation	<ol style="list-style-type: none"> <li>1. Loose valve seat</li> <li>2-piston impact cylinder head</li> <li>3. Wear of connecting rod bearing alloy</li> <li>4. Loose belt pulley or wheel key</li> </ol>	<ol style="list-style-type: none"> <li>1. Tighten the valve seat again</li> <li>2. Thickened lining</li> <li>3. Replace the bearing alloy</li> <li>4. Tighten the lock again</li> </ol>
Reduced exhaust volume	<ol style="list-style-type: none"> <li>1. Air filter blockage</li> <li>2. The valve group is damaged or not properly positioned</li> <li>3. Piston replacement or cylinder wear</li> <li>4. Loose transmission belt</li> </ol>	<ol style="list-style-type: none"> <li>1. Clean the air filter</li> <li>2. Replace the valve assembly</li> <li>3. Replace the piston ring</li> <li>4. Readjust the tightness of the conveyor belt</li> </ol>
Excessive consumption of lubricating oil	<ol style="list-style-type: none"> <li>1. Excessive lubricant filling</li> <li>2. Wear of piston rings</li> <li>3. Cylinder wear</li> </ol>	<ol style="list-style-type: none"> <li>1. Drain excess lubricating oil</li> <li>2. Replace the piston rings</li> <li>3. Replacement</li> </ol>



## Correct Disposal



This product is subject to the provision of European Directive 2012/19/EU. The symbol showing a wheellie bin crossed through indicates that the product requires separate refuse collection in the European Union. This applies to the product and all accessories marked with this symbol. Products marked as such may not be discarded with normal domestic waste, but must be taken to a collection point for recycling electrical and electronic devices.

**Manufacturer:** Shanghai muxin muyeyouxiangongsi

**Address:** Shuangchenglu 803nong11hao1602A-1609shi, baoshanqu, shanghai 200000 CN.

**Imported to AUS:** SIHAO PTY LTD. 1 ROKEVA STREET EASTWOOD NSW 2122 Australia

**Imported to USA:** Sanven Technology Ltd. Suite 250, 9166 Anaheim Place, Rancho Cucamonga, CA 91730



YH CONSULTING LIMITED.  
C/O YH Consulting Limited Office 147,  
Centurion House, London Road,  
Staines-upon-Thames, Surrey, TW18 4AX



E-CrossStu GmbH  
Mainzer Landstr.69, 60329 Frankfurt am Main.

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