



INSTRUCTIONS FOR:
INDUSTRIAL HIGH VELOCITY FAN
MODEL NO: **HVF20S & HVF24S**

Thank you for purchasing a Sealey product. Manufactured to a high standard, this product will, if used according to these instructions, and properly maintained, give you years of trouble free performance.



IMPORTANT: PLEASE READ THESE INSTRUCTIONS CAREFULLY. NOTE THE SAFE OPERATIONAL REQUIREMENTS, WARNINGS & CAUTIONS. USE THE PRODUCT CORRECTLY AND WITH CARE FOR THE PURPOSE FOR WHICH IT IS INTENDED. FAILURE TO DO SO MAY CAUSE DAMAGE AND/OR PERSONAL INJURY AND WILL INVALIDATE THE WARRANTY. KEEP THESE INSTRUCTIONS SAFE FOR FUTURE USE.

1. SAFETY INSTRUCTIONS

1.1. ELECTRICAL SAFETY

WARNING! It is the responsibility of the owner and the operator to read, understand and comply with the following:

You must check all electrical products, before use, to ensure that they are safe. You must inspect power cables, plugs, sockets and any other connectors for wear or damage. You must ensure that the risk of electric shock is minimised by the installation of appropriate safety devices. A Residual Current Circuit Breaker (RCCB) should be incorporated in the main distribution board. We also recommend that a Residual Current Device (RCD) is used. It is particularly important to use an RCD with portable products that are plugged into a supply which is not protected by an RCCB. If in any doubt consult a qualified electrician. You may obtain a Residual Current Device by contacting your Sealey dealer.

You must also read and understand the following instructions concerning electrical safety.

1.1.1. The **Electricity at Work Act 1989** requires all portable electrical appliances, if used on business premises, to be tested by a qualified electrician, using a Portable Appliance Tester (PAT), at least once a year.

1.1.2. The **Health & Safety at Work Act 1974** makes owners of electrical appliances responsible for the safe condition of those appliances and the safety of the appliance operators. **If in any doubt about electrical safety, contact a qualified electrician.**

1.1.3. Ensure that the insulation on all cables and on the appliance is safe before connecting it to the power supply. See 1.1.1. and 1.1.2. and use a Portable Appliance Tester.

1.1.4. Ensure that cables are always protected against short circuit and overload.

1.1.5. Regularly inspect power supply cables and plugs for wear or damage and check all connections to ensure that none is loose.

1.1.6. **Important:** Ensure that the voltage marked on the appliance matches the power supply to be used and that the plug is fitted with the correct fuse - see fuse rating at right.

1.1.7. **DO NOT** pull or carry the appliance by the power cable.

1.1.8. **DO NOT** pull the plug from the socket by the cable.

1.1.9. **DO NOT** use worn or damaged cables, plugs or connectors. Immediately have any faulty item repaired or replaced by a qualified electrician. When an ASTA/BS approved UK 3 pin plug is damaged, cut the cable just above the plug and **dispose of the plug safely.**

Fit a new plug according to the following instructions (UK only).

a) Connect the GREEN/YELLOW earth wire to the earth terminal 'E'.

b) Connect the BROWN live wire to the live terminal 'L'.

c) Connect the BLUE neutral wire to the neutral terminal 'N'.

d) After wiring, check that there are no bare wires, that all wires have been correctly connected, that the cable outer insulation extends beyond the cable restraint and that the restraint is tight.

Double insulated products, which are always marked with this symbol , are fitted with live (brown) and neutral (blue) wires only.

To rewire, connect the wires as indicated above - **DO NOT** connect either wire to the earth terminal.

1.1.10. Products which require more than 13 amps are supplied without a plug. In this case you must contact a qualified electrician to ensure that a suitably rated supply is available. We recommend that you discuss the installation of an industrial round pin plug and socket with your electrician.

1.1.11. If an extension reel is used it should be fully unwound before connection. A reel with an RCD fitted is preferred since any appliance plugged into it will be protected. The cable core section is important and should be at least 1.5mm², but to be absolutely sure that the capacity of the reel is suitable for this product and for others which may be used in the other output sockets, we recommend the use of 2.5mm² section cable. If extension reel is to be used outdoors, ensure it is marked for outdoor use.

1.2. GENERAL SAFETY

✓ Disconnect the fan from the mains power when not in use and before servicing or performing any maintenance.

✓ Use the fan in dry areas only. Do not use in wet or areas with high condensation such as showers, pools etc.

WARNING! If a fan falls into water or other liquid, immediately switch off and disconnect from the mains power supply. Do not touch the fan until the mains power supply has been disconnected.

✓ Always disconnect the fan from the power supply when moving it from one location to another and ensure fan is stood on a level surface.

✓ The fan air flow is powerful. Before use ensure that there is nothing nearby that will be damaged or displaced by the stream of air.

✓ Keep the fan clean and maintained in good condition. For motor service contact an authorised service agent.

✓ Use recommended parts only. Unapproved parts may be dangerous, and will invalidate your warranty.

x **DO NOT** operate the fan where there are explosive or flammable gases, fumes or other hazardous substances.

x **DO NOT** stand the fan on the power cable.

x **DO NOT** insert any objects through the fan guard.

x **DO NOT** cover the fan when in use.

x **DO NOT** immerse the fan in water or any other liquid.

x **DO NOT** allow children to operate the fan.

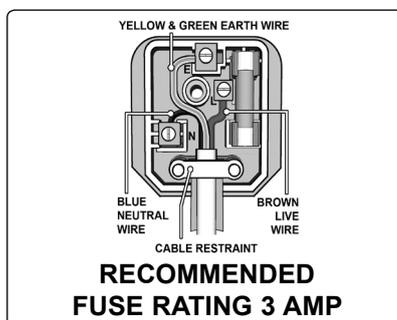
x **DO NOT** stand the fan where it may be knocked over or off a surface, or where the lead may cause a person to trip.

x **DO NOT** use the fan outdoors.

x **DO NOT** modify speed control or attempt to fit any additional external speed control device to the fan.

✓ When not in use place the fan in its original box, or otherwise cover, to protect from dust and store in a safe, dry, childproof location.

NOTE: This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities or lack of experience and knowledge, unless they have been given supervision or instruction concerning the use of the appliance by a person responsible for their safety. Children should be supervised to ensure that they do not play with the appliance.



2. INTRODUCTION & SPECIFICATION

High velocity fans suitable for movement of huge volumes of air. Robust unit with heavy duty gauge steel casing, guard and frame. Featuring a 360° tilt function allowing for the direction of air flow to be positioned anywhere on a 360° axis. Carefully balanced and fully guarded blades provide quiet and safe operation. Fitted with BS fully approved plug. Suitable for use in industrial, commercial, agricultural, automotive workshop and showroom applications.

Model No.	HVF20S	HVF24S
Fan Diameter	550mm (20")	610mm (24")
Speeds	3	2
Speed Range	1,150-1,350rpm	1300-1400rpm
Maximum Airflow	120mtr ³ /min (4300cfm)	210mtr ³ /min (7400cfm)
Motor Power	100-170W	190-250W
Supply	230V	230V
Current	0.5A	1.1A



HVF20S

3. OPERATION

- WARNING! Ensure that you read, understand and apply safety instructions in Section 1 before using fan.**
- 3.1. Check that the speed control is set to "0" (off) and then plug into the mains power supply and switch the power on.
- 3.2. The fan features 2 speeds (HVF24S) or 3 speeds (HVF20S) which are selectable using the switch located at the back of the fan above the motor.
- 3.3. Adjust the direction of the air flow by rotating and tilting the fan up or down as required.
- 3.4. When you have finished using the fan ensure you turn the speed control switch to "0" (off) and disconnect the fan from the mains power.
- 3.5. **Wall Mounting (HVF20S only)**
- 3.5.1 HVF20S can be wall mounted using the supplied fixing kit.
- 3.5.2 The fan hangs from the base support (5) on the parts diagram, using the three hanging brackets.
- 3.5.3 Select the appropriate fixing from those supplied, and space the three hanging brackets equally along the base support. Hang the fan and fit the set screws through the brackets to secure the fan.



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4. CARE OF FAN

- WARNING! Ensure that the fan is disconnected from the mains power supply before attempting any of the following:**
- 4.1. Use a soft, damp cloth to clean the fan.
DO NOT immerse the fan in water and never allow water to drip onto the motor housing. **DO NOT** use solvents, petroleum, paint thinner or other chemicals to clean the fan.
- 4.2. To clean the fan blade, undo the cross headed screws around the circumference, remove the grille and clean the blade with a slightly damp cloth. Replace the grille as required and refit the cross headed screws.
- 4.3. Should the motor, switch or the power lead require service or maintenance contact your local service agent.
- 4.4. When not in use place the fan in its original box or otherwise cover to protect from dust, and store in a safe, dry, childproof location.

Parts support is available for this product. To obtain a listing and/or diagram, please log on to: www.sealey.co.uk, email: sales@sealey.co.uk or phone: 01284 757500



Environmental Protection.

Recycle unwanted materials instead of disposing of them as waste. All tools, accessories and packaging should be sorted, taken to a recycle centre and disposed of in a manner which is compatible with the environment.



WEEE Regulations.

Dispose of this product at the end of its working life in compliance with the EU Directive on Waste Electrical and Electronic Equipment. When the product is no longer required, it must be disposed of in an environmentally protective way. Contact your local solid waste authority for recycling information.

NOTE: It is our policy to continually improve products and as such we reserve the right to alter data, specifications and component parts without prior notice.

IMPORTANT: No liability is accepted for incorrect use of this product.

WARRANTY: Guarantee is 12 months from purchase date, proof of which will be required for any claim.

INFORMATION: For a copy of our latest catalogue and promotions call us on 01284 757525 and leave your full name and address, including postcode.

