



# 20" INDUSTRIAL HIGH VELOCITY FLOOR FAN

MODEL NO: HVF20

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.



Refer to instructions

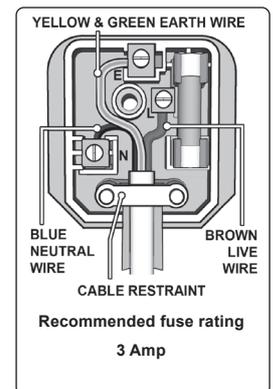


Indoor use only

## 1. SAFETY

### 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. You must also read and understand the following instructions concerning electrical safety.
- ✓ Ensure that cables are always protected against short circuit and overload.
- ✓ Regularly inspect power supply cables and plugs for wear or damage and check all connections to ensure that none are loose.
- ✓ 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.
- ✗ **DO NOT** use worn or damaged cables, plugs or connectors. Have any faulty item repaired or replaced immediately by a competent electrician.
- ✓ It is recommended that this device is wired directly to a fused isolator switch. If, however, a plug is fitted, the following applies:
- ✓ 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 restraint is tight.



### 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.
  - ✗ **DO NOT** operate the fan where there are explosive or flammable gases, fumes or other hazardous substances.
  - ✗ **DO NOT** stand the fan on the power cable.
  - ✗ **DO NOT** insert any objects through the fan guard.
  - ✗ **DO NOT** cover the fan when in use.
  - ✗ **DO NOT** immerse the fan in water or any other liquid.
  - ✗ **DO NOT** allow children to operate the fan.
  - ✗ **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.
  - ✗ **DO NOT** use the fan outdoors.
  - ✗ **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

High velocity fan suitable for movement of huge volumes of air. Features 3-speed settings for choice of airflow and tilting blade cradle. Fully guarded blades with large diameter base for safety and added stability. Mains cable storage keeps it tidy when not in use. Suitable for industrial, commercial, agricultural, workshop and showroom applications.

## 3. SPECIFICATION

Model No	HVF20
Fan Diameter	Ø550mm(20")
Speeds	3
Speed Range	1100/1225/1350rpm
Maximum Airflow	110m <sup>3</sup> /min(3900cfm)
Power	105-115W
Supply	230V
Current	0.5A
Maximum Flow Rate (F)	160.35 m <sup>3</sup> /min
Fan Power Input (P)	105.5W
Service Value (SV)	1.52 (m <sup>3</sup> /min)/W
Standby Power Consumption (Psb)	0.0W
Seasonal Electricity Consumption (Q)	33.76kWh/a
Fan Sound Power Level (Lwa)	78.26dB(A)
Maximum Air Velocity (c)	3.31m/s

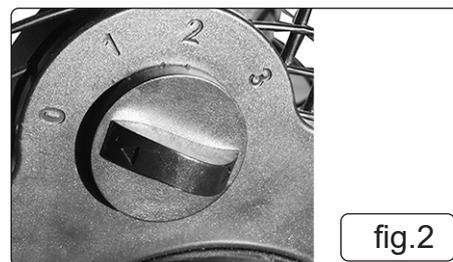
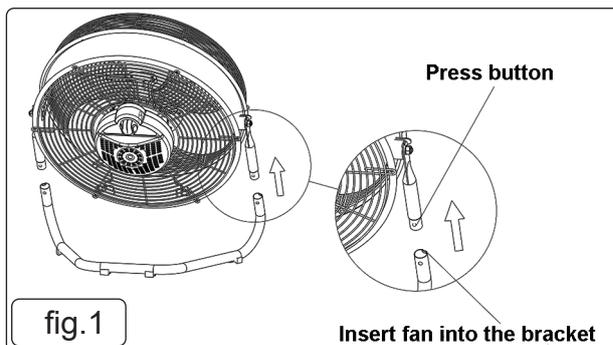


## 4. ASSEMBLY

- 4.1. Assemble the stand by inserting the short tubes on each side of the fan into the stand tubes. Ensure the buttons pop up through the holes to lock them into place (fig.1).

## 5. OPERATION

- ❑ **WARNING!** Ensure that you read, understand and apply safety instructions in Section 1 before using fan.
- 5.1. Check that the speed control is set to "0" (OFF) and then plug into the mains power supply and switch the power on.
- 5.2. The fan features 3 speeds which are selectable using the switch located at the back of the fan above the motor (fig 2).  
**NOTE:** Settings 1 or 2 will suit most needs. Setting 3 is used for maximum air movement.
- 5.3. Adjust the direction of the air flow by moving the base from side to side and tilting the fan up or down.
- 5.4. When the fan is no longer required, ensure you turn the speed control switch to "0" (OFF) and disconnect the fan from the mains power.



## 6. MAINTENANCE

- 6.1. Turn the control switch to OFF and disconnect the fan from the power supply before cleaning.
- 6.2. Use only a soft, damp cloth to clean the fan.
- 6.3. **DO NOT** submerge the fan in water and **NEVER** allow water to drip into the motor housing.
- 6.4. **DO NOT** use solvents or other chemicals to clean the fan.
- 6.5. To clean the fan blades, loosen the 7 clips around the guards and then lift off the front guard from the top hook.
- 6.6. Wipe the blades and guards.
- 6.7. Reassemble by hooking the front guard into place at the top of the rear guard and then push the 7 clips back into place so that they engage both the front and rear guards.



#### ENVIRONMENT PROTECTION

Recycle unwanted materials instead of disposing of them as waste. All tools, accessories and packaging should be sorted, taken to a recycling centre and disposed of in a manner which is compatible with the environment. When the product becomes completely unserviceable and requires disposal, drain any fluids (if applicable) into approved containers and dispose of the product and fluids according to local regulations.



#### 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 (WEEE). 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 is required for any claim.

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