



## CYCLONE DRUM FANS



24" HVF-60L



36" HVF-90L

26" HVF-65N

30" HVF-75N



OPERATING & MAINTENANCE INSTRUCTIONS

Please read these instructions carefully before operating the fan.

Thank you for purchasing this Cyclone Drum Fan.

Before using the product, please read the manual thoroughly and carefully follow any instructions given. This is for your own safety and that of others around you, and is also to help you achieve long and trouble free service from your new fan.

#### **George's Industrial Services Guarantee**

This George's product is guaranteed against faulty manufacture for a period of 12 months from date of purchase. Please keep your receipt as proof of purchase.

This guarantee is invalid if the product is found to have been abused or tampered with in any way, or not used for the purpose for which it was intended.

Faulty goods should be returned to their place of purchase. No product can be returned to us without prior notification.

This guarantee does not affect your statutory rights.

#### **Parts & Service**

Tel: +44 20 8207 2455

Email: [sales@airconditioningdirect.com](mailto:sales@airconditioningdirect.com)

Please note that the details and specifications contained herein are correct at the time of going to print. However George's Industrial Services Ltd. reserve the right to change specifications at any time without prior notice. Always consult the fans data plate.

This drum fan is ideal for cooling and air circulation in factories, warehouses, garages, mining industries and industrial environments.

1. High performance heavy duty motor.
2. Enclosed motor.
3. Designed blade pitch angle to give high air velocity.
4. Adjustable tilting angle with U-tube base.
5. Equipped with portable wheels for easy manoeuvrability.
6. Speed control: 3 speeds.
7. Built-in thermal protector for safe operation and durability.

## **LIST OF CONTENTS**

Before commencing assembly check for damages and/or shortages etc. Any damage or shortage should be reported to your supplier immediately.

24" HVF-60L, 26" HVF-65N, 30" HVF-75N:

1 x Fan assembled

36" HVF-90L:

1 x Fan assembled

2 x Wheels

2 x Cart support

## **SAFETY PRECAUTIONS**

- DO NOT use in corrosive environments.
- DO NOT use in environments with high fumes from chemicals etc.
- DO NOT use in areas of high humidity/water vapour.
- Do NOT use as an extractor fan.
- DO NOT connect fan to ducting system.
- DO NOT use this fan in places where the temperature is over 40°C and the altitude is higher than 1,000 metres.
- DO NOT insert hands or any objects into the machine's guard when fan is in use.
- DO NOT put machine close to any materials that could get caught in the fan blades.

- DO NOT place fan on an uneven surface.
- DO NOT use if the machine emits unusual noise or smoke.
- Only a qualified electrician should disassemble, repair or rebuild the fan.
- This appliance is not intended for use by children or persons with reduced physical, sensory or mental capabilities.

## OPERATING INSTRUCTIONS

1. The power source voltage and frequency should be the same as the rating label.

Speed adjustment:

24" HVF-60L, 26" HVF-65N or 30" HVF-75N: adopt rotary switch to adjust the speed. It has 3 speeds, as shown on the indication panel 0 = off, 1 = low, 2 = medium, 3 = high

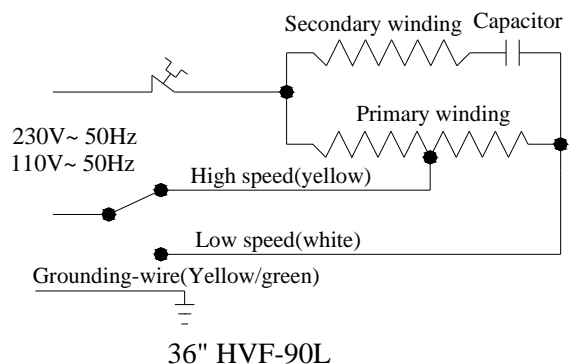
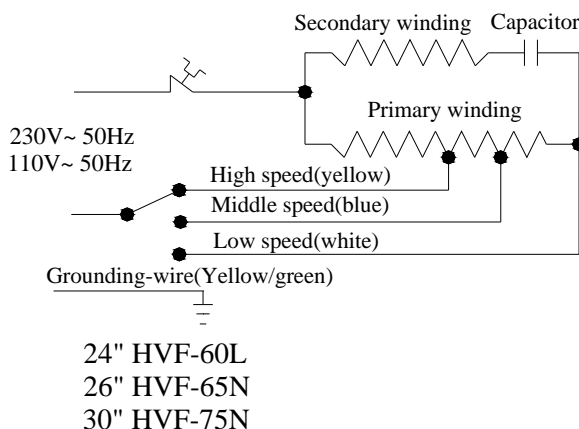
36" HVF-90L: adopt rotary switch to adjust the speed. It has 2 speeds, as shown on the indication panel 0 = off, 1 = low, 2 = high

2. Blowing angle adjustment

24" HVF-60L or 30" HVF-75N can be adjusted by loosening locknut, tilting the fan to the desired positioning and tightening the locknut again.

36" HVF-90L can be adjusted by loosening the hand wheel and then rotating the drum. It can be titled to a maximum angle of 45°.

## WIRING DIAGRAM

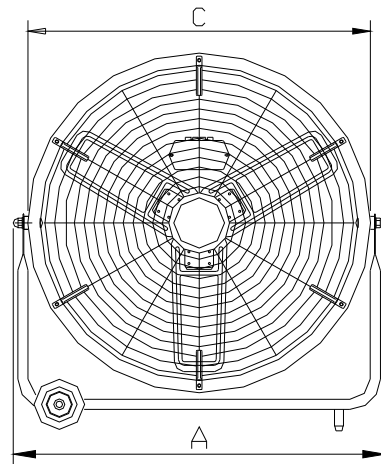
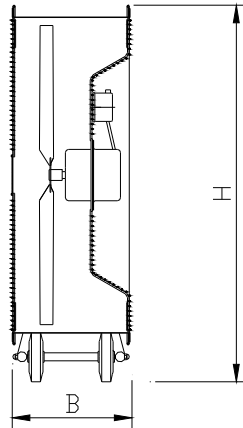


## SPECIFICATION

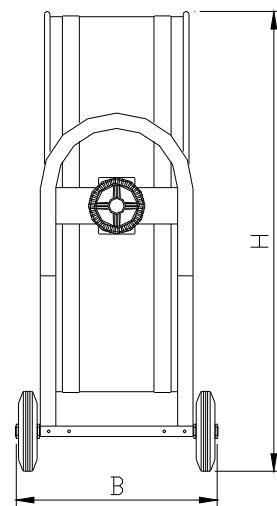
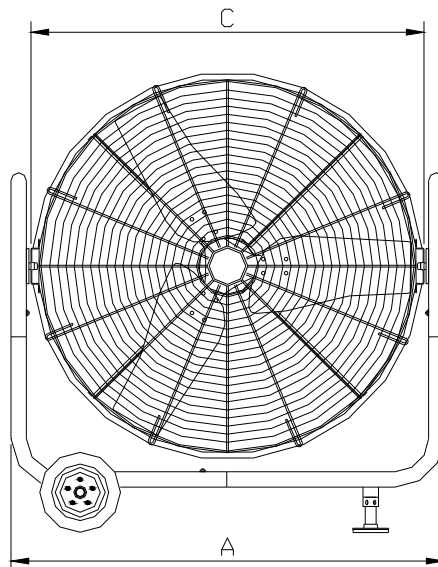
Parameter Item Model	Speed 1				Speed 2				Speed 3				Dimensions (mm)			
	Speed rpm	Air volume m <sup>3</sup> /min	Noise dB	Power W	Speed rpm	Air volume m <sup>3</sup> /min	Noise dB	Power W	Speed rpm	Air volume m <sup>3</sup> /min	Noise dB	Power W	A	B	C	H
24" HVF-60L	1050	214	60	190	1150	270	65	210	1360	302	70	260	750	290	670	760
26" HVF-65L	750	143	55	142	850	174	60	160	910	220	65	187	810	290	740	830
30" HVF-75N	750	214	58	175	850	270	67	195	910	302	68	240	910	290	840	920
36" HVF-90L	750	350	65	520	850	460	75	650	/	/	/	/	1060	525	980	1140

## PRODUCT DIMENSIONS

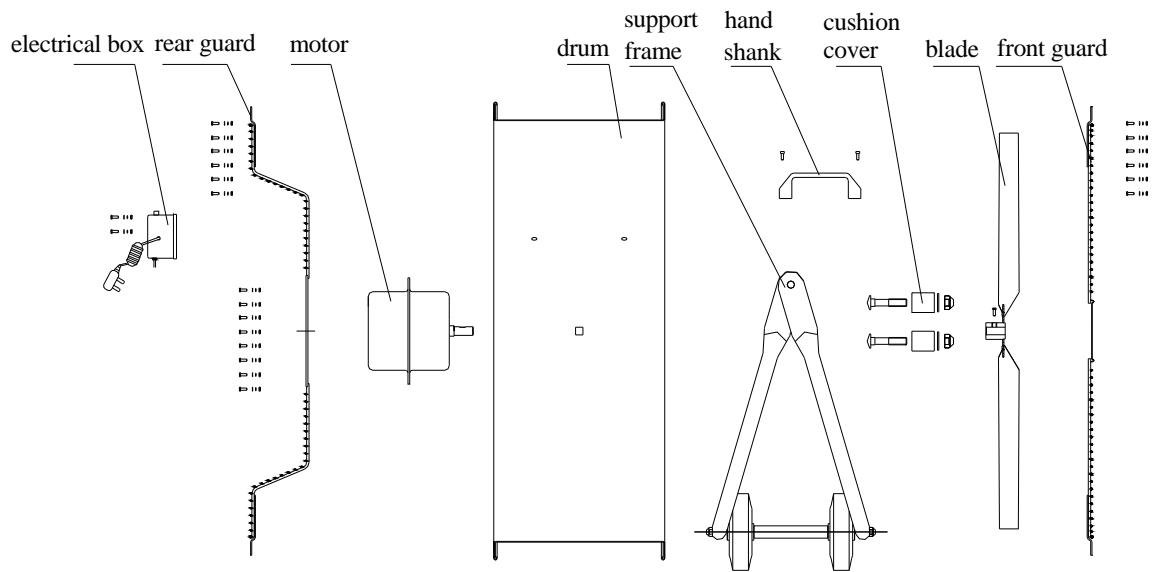
24" HVF-60L  
26" HVF-65N  
30" HVF-75N



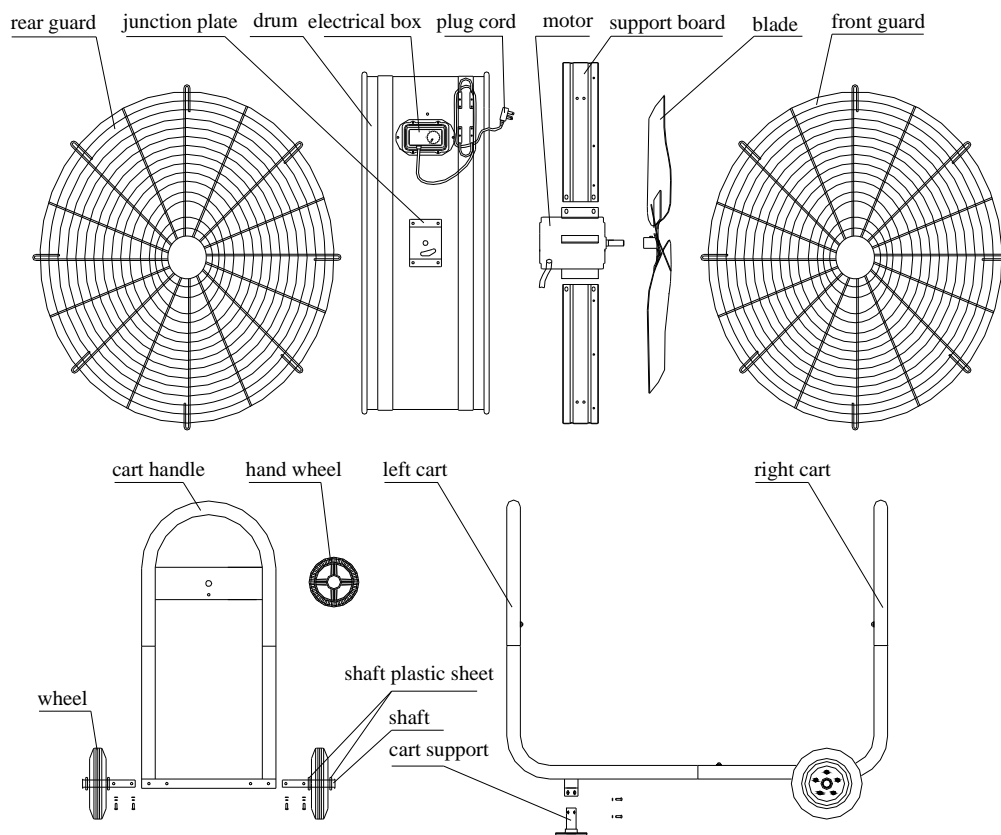
36" HVF-90L



## ASSEMBLY SCHEME



24" HVF-60L  
26" HVF-65N  
30" HVF-75N



36" HVF-90L

## **WHEEL INSTALLATION FOR 36" HVF-90L**

1. Remove the screws, flat washers and spring washers on the shaft & cart support.
2. Insert the shaft into the hole of shaft plastic sheet and the wheel. Insert the shaft into the tube at each side of the cart. You may find it easier to lay the fan on its side.
3. Align the mounting holes of the shaft and the cart tube. Insert the screws into the aligned holes and tighten.
4. After fixing the wheels, connect the cart supports with the sleeves and rotate the cart supports. Align the installation holes on the cart supports and the cart sleeves and tighten the screws .

## **CLEANING & MAINTENANCE**

- Ensure the fan is switched off, and then remove the plug from the socket.
- Do not use any harmful cleaning agents for cleaning.
- Only use a clean, soft, dampened cloth and wipe dry after cleaning.
- Please ensure water does not flow into the motor or electric components during cleaning.
- DO NOT BEND the blades.
- The motor bearings are permanently sealed and do not require any additional lubrication.