18" Home/Work High Velocity Floor Fan 230v



Model: DH496

Important Information

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.

© Baridi.com

Table of Contents

1.	**Introduction**	**2**
1.1	Intended Use	2
1.2	Description	2
2.	**Safety Symbols**	**3**
3.	**Safety**	**3**
4.	**Electrical Safety**	**3**
5.	**Specification**	**4**
6.	**Controls**	**4**
7.	**Operation**	**4**
8.	**Consumables & Accessories**	**4**
9.	**Maintenance &Storage**	**5**
10.	**Cleaning**	**5**
11.	**Testing**	**5**
12.	**Warranty**	**5**
13.	**Aftersales Support**	**5**
14.	**End Of Life**	**5**
15.	**Parts Information**	**6**
16.	**Troubleshooting**	**7**

1. Introduction

Thank you for purchasing a Baridi 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.

1.1 Intended Use

This 18-inch high velocity floor fan is intended for providing high-volume air circulation and ventilation in residential, commercial, and light industrial environments. It is suitable for cooling occupied spaces, improving airflow, and assisting with drying applications in accordance with the manufacturer's instructions.

1.2 Description

High velocity fan delivering up to 107m³/min (3,760cfm) airflow for rapid air movement in home, work, gym, dentist, pub and more environments. Three-speed power selection allows airflow to be adjusted to suit a wide range of applications. Cradle stand enables accurate positioning of airflow exactly where it is needed. Carefully balanced fully guarded blades 18 inch(450mm) provide smooth performance with reduced operating noise. Supplied with fitted 3-pin plug and 3 metre power cable for quick and easy setup. Low energy rating and ERP Compliant.

© Jack Sealey Limited trading as Baridi

All content in this manual, including but not limited to text, images, graphics and logos is the property of Jack Sealey Ltd/Baridi or its licensors and is protected by copyright, trademark, and other intellectual property laws. You may not reproduce, distribute, modify, or otherwise use any content without prior written consent.

Disclaimer: All errors and omissions excluded. 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. See www.baridi.com for the latest information.

Country of origin: China.

2. Safety Symbols



Refer to instruction manual



Indoor use only



Warning! Electric shock hazard



DO NOT operate unless guards are fitted



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



Wear eye protection



Wear ear protection

3. Safety

- Read and understand the user manual before operating the fan.
- Never leave the unit running unattended.
- Ensure front and rear vents remain free from obstructions during operation.
- Conduct a risk assessment of the required work environment and application.

⃠ **DO NOT** use in explosive atmospheres or other hazardous substances.

⃠ **DO NOT** modify the equipment or use it for purposes other than those intended.

⃠ **DO NOT** position the fan against walls or structures that restrict airflow.

⃠ **DO NOT** use the fan if there are signs of damage that could create a hazard.

3.1 Personal Precautions

- Ensure hands are dry when connecting to the mains supply, or disconnecting the fan.
- Before operating the 18-inch high-velocity floor fan, wear suitable PPE, including eye protection and hearing protection, to reduce the risk of injury from airborne debris and noise exposure.

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

- If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard."

3.2 General Safety

- Ensure the cable is fully unwound before operation.
- Before switching on, ensure the speed selector is in the '0' (Off) position.
- Switch off and disconnect the fan from the mains supply during prolonged periods of non-use.
- If the mains cable is damaged, replacement must be carried out by Baridi or an authorised service stockist. Keep children and individuals with reduced mental capabilities supervised when the fan is in use.
- Ensure the mains cable does not create a trip hazard.
- Avoid routing cables across walkways, paths, or doorways.
- Secure the cable once positioned and keep it away from sharp edges, water, and chemicals.
- Disconnect the unit from the power supply when not in use.
- Children shall NOT play with the appliance.
- Cleaning and user maintenance on the appliance shall not be made by children without supervision.

4. Electrical Safety

! **WARNING!** It is the user's responsibility to check the following:

- Check all electrical equipment and appliances to ensure that they are safe before using.
- Inspect the fan, mains cable, and plug for damage before each use.
- Use an RCD (Residual Current Device) where recommended.
- Verify that the plug fuse and circuit protection are correctly rated for the equipment.
- Inspect power supply leads, plugs and all electrical connections for wear and damage.
- Ensure that the insulation on all cables and on the appliance is safe before connecting it to the power supply.

⃠ **DO NOT** use worn or damaged cables, plugs or connectors.

- Ensure that any faulty item is repaired or replaced immediately by a Baridi qualified technician.
- If the cable or plug is damaged during use, switch off the electricity supply and remove from use.
- Baridi recommend that an RCD (Residual Current Device) is used with all electrical products.

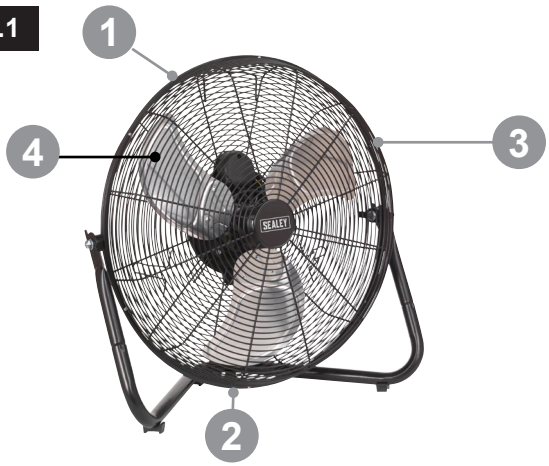
! **IMPORTANT!** Ensure that the voltage rating on the appliance suits the power supply.

5. Specification

Model	DH496
Current:	0.5A
Fan Diameter:	Ø450mm (18")
Fan Power Input (P):	112.81W
Fuse Rating:	3A
IP Rating	IP44
Maximum Airflow:	107m³/min(3760cfm)
Maximum Fan Flow Rate:	82.76 m³/min
Nett Weight:	5.25kg
Plug Type:	3-Pin
Power Supply Cable Length:	3m
Power:	110W
Speed Range:	1020/1130/1300rpm
Speeds:	3
Supply:	230V~ 50Hz
Service Value (SV):	0.73 (m³/min)/W
Seasonal Electricity Consumption (Q):	36.10kWh/a
Supply:	230V~ 50Hz

6. Controls

Fig.1



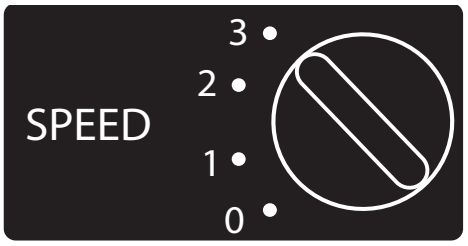
1	Control Panel On Rear.
2	Power Cable
3	Safety Grill.
4	Motor and Fan Blade Assembly.

7. Operation

- Remove all packaging and transit restraints before use.
- Ensure the fan is positioned on a stable, level surface with unrestricted airflow to the front and rear.
- Check that the fan, power cable and plug are free from damage before connecting to the power supply.
- Ensure the speed selector switch is in the OFF (0) position before connecting to the mains supply.
- Connect the fan to a suitable power supply.

Control panel

Diagram For Reference Only **Fig.2**



0	Off no air flow
1	Low Speed setting
2	Medium Speed Setting
3	High Speed setting

There is a dedicated earth point clearly identified on the control panel for class 1 earth continuity testing.

8. Consumables & Accessories

A wide range of consumables and accessories are available.

Visit www.sealey.co.uk to explore our extensive range.

© Baridi.com

9. Maintenance &Storage

- To maximise fan performance, ensure that the front and rear ventilation openings remain free from obstructions at all times.
- Before each use, visually inspect the unit, power cable, and plug for signs of damage.
- Store the unit in a clean, dry location when not in use.

10. Cleaning

- Unplug the fan before cleaning.
- Remove dust with a brush, vacuum, or soft cloth.
- Wipe with a damp cloth and dry thoroughly.

⃠ **DO NOT** immerse in water or allow water to enter the motor.

⃠ **DO NOT** use abrasive cleaning products.

11. Testing

- This is a Class I appliance and must be earthed. The earth test point is located on the front control panel and is identified by the earth symbol.
  Electrical safety testing should be carried out in accordance with your site's maintenance procedures and applicable regulations.

⃠ **DO NOT** attempt to repair damaged Home /work industrial fan components. Replace damaged parts before use.

12. Warranty

- Our Warranty is that on delivery and for the relevant Warranty Periods (set out below) the Goods shall be free from material defects in design, material and workmanship.
- If you notify us during the relevant Warranty Periods within a reasonable time of discovery that some or all of the Goods do not comply with Our Warranties, we shall, at our option, repair or replace the individual faulty component of the Goods or refund the price of the faulty Goods in full. In order to be validated, a proof of purchase (invoice or receipt) must be supplied to us with any returned item where it is claimed that some or all of the Goods do not comply with Our Warranty.
- All Baridi products are covered by a minimum 1-year warranty ("the Warranty") (unless otherwise specified). This warranty covers against manufacturing defects and excludes general wear and tear and any serviceable/ consumable items.

13. Aftersales Support

We are committed to supporting our products throughout their lifetime.

- If your product is outside of the warranty period, we offer an extensive range of spare parts along with expert technical advice to help keep your item in working order.
- Our technical team is on hand to assist 09:00 - 17:00 Mon-Fri with fault finding, repairs and general product queries.

  Telephone: 01284 757575

  Email: support@baridi.com

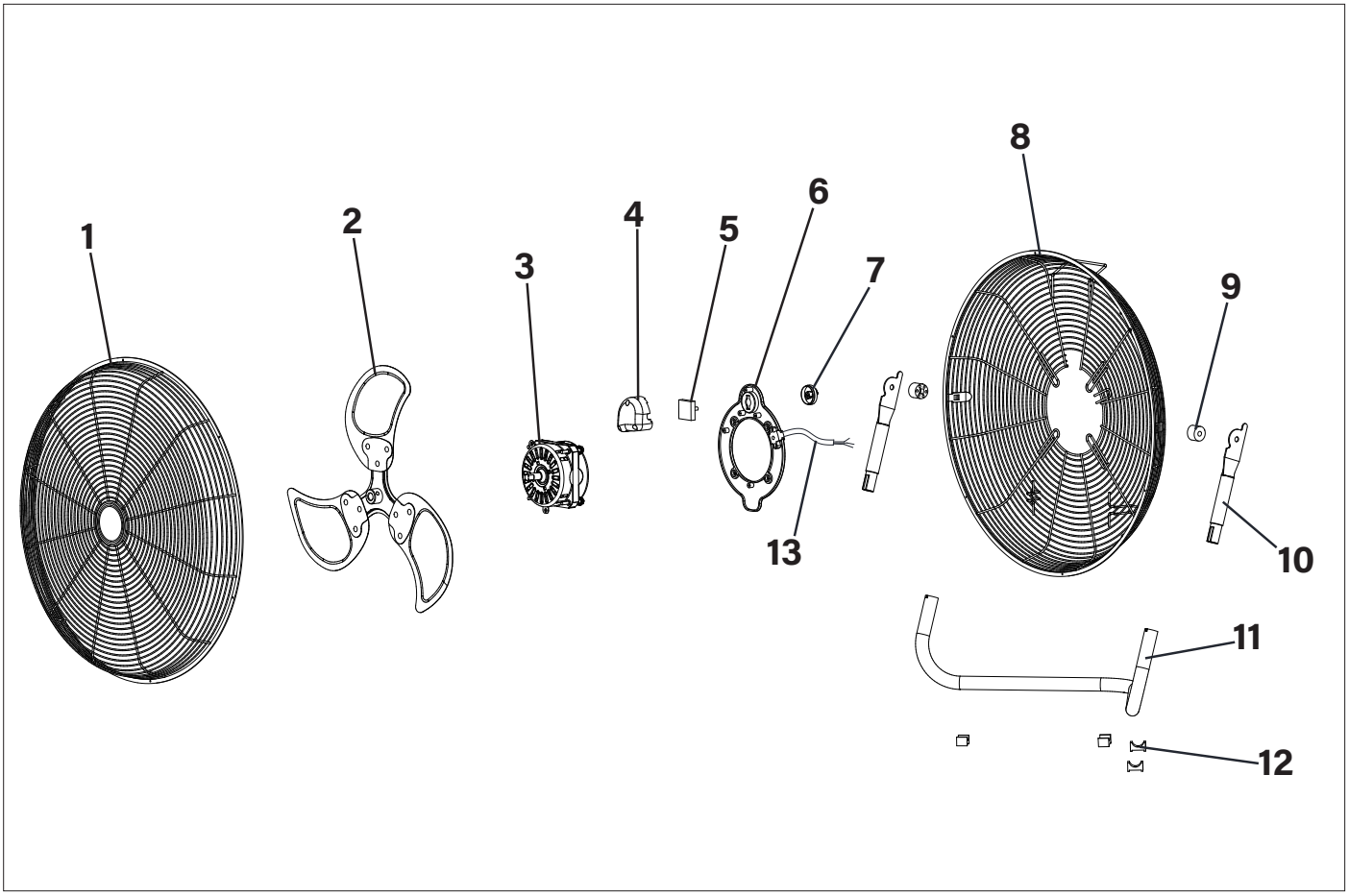
If required, products can be returned to us for inspection, servicing or a repair at a reasonable cost.

14. End Of Life

At the end of its service life, this product must be disposed of in an environmentally responsible manner. Components such as metal parts should be recycled wherever possible.

✕ **DO NOT** discard the appliance with general household or construction waste. Please follow all local environmental regulations to ensure safe and sustainable disposal.

15. Parts Information



Item	Part No.	Description
1	DH11785	Front Guard
2	DH11786	Fan Blade
3	DH11787	Motor, External (220-240V 50Hz)
4	DH11788	Cover, Switch
5	DH11789	Rotary Switch, Power Selector (2.5A/250V)
6	DH11790	Flange, Rotary Switch
7	DH11791	Knob, Plastic Ø32mm Oval (F)

Item	Part No.	Description
8	DH11792	Rear Guard
9	DH11793	Rubber Stop
10	DH11794	Upper Bracket
11	DH11795	Lower Bracket
12	DH11796	Rubber Foot
13	MC3CX0.75	Mains Cable Blk, 3 Core, 0.75 mm² (Per Metre)

© Baridi.com

16. Troubleshooting

Fault	Possible Cause	Corrective Action
Fan not operating.	No power supply.	Check that the unit is connected to a suitable power supply and switched on
	Damaged power cable or plug.	Remove the unit from service and have it inspected by a competent person.
Reduced airflow.	Ventilation openings blocked.	Remove any obstructions from the front and rear ventilation openings.
Excessive noise or vibration.	Foreign object or damage to fan assembly.	Switch off the unit and inspect for damage. Remove from service if a fault is found.

© Baridi.com



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.



Product Registration

It's quick and easy to register your warranty online at www.sealey.co.uk. Just log in or create a free MySealey account, then head to the 'My Products' section to fill out the short warranty registration form. If your product is advertised with a free extended warranty upon registration, this will activate your extended warranty.



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.

Jack Sealey (EU) Ltd t/a Baridi Farney Street, Carrickmacross, Co. Monaghan, A81 PK68 Ireland
Jack Sealey Ltd t/a Baridi Kempson Way, Suffolk Business Park, Bury St Edmunds, Suffolk, IP32 7AR UK
Tel: 01284 757575 ▪ **Email:** support@baridi.com ▪ **Web:** www.baridi.com

© Baridi.com

Product Information Sheet. Fans ≤ 125 kW.

SUPPLIER_NAME_OR_TRADEMARK	Sealey EU Ltd.
DELEGATED_ACT	206/2012/EU
MODEL_IDENTIFIER	DH496
Baridi 18" Home/Work High Velocity Floor Fan 230V	
ADDRESS	Farney Street, Carrickmacross, Co. Monaghan, A81 PK68 Ireland
PHONE_NUMBER	01284 757 500
EMAIL_ADDRESS	TechnicalCompliance@sealey.co.uk

Parameter	Verification tolerances
Maximum fan flow rate. m3/min	82.3
Fan power input. W	112.8
Service value. (m3 /min)/W.	0.7
Standby power consumption. Watt.	0.0
Fan sound power level. dB(A).	70
Maximum air velocity. meters/sec.	4.3
Measurement standard for service value.	IEC 60879

Suppliers website	https://www.sealey.co.uk/