

JVD Expair 340 (811822)

JVD Expair Automatic Hand Dryer User Manual

Model: Expair 340 (811822)

1. PRODUCT OVERVIEW

The JVD Expair Hand Dryer is an advanced, high-performance hand drying solution. It utilizes pulsed air technology to achieve ultra-fast drying times, typically under 20 seconds, while maintaining energy efficiency. Its robust design and integrated electronic security make it a reliable choice for public and commercial restrooms. The unit also features a distinctive blue lighting effect during operation.

Key Features:

- Ultra-fast drying time (less than 20 seconds)
- Energy-efficient operation
- Automatic activation
- Integrated electronic security
- Blue operational lighting
- Designed with accessibility in mind (PMR and young children friendly)



Figure 1.1: Front view of the JVD Expair Hand Dryer, showcasing its sleek design and grey finish.

2. SAFETY INFORMATION

Please read all safety instructions carefully before installation and operation. Failure to follow these instructions may result in electric shock, fire, or serious injury.

- Installation must be performed by a qualified electrician in accordance with all local and national electrical codes.
- Ensure the power supply is disconnected before any installation, maintenance, or cleaning.
- Do not operate the hand dryer with a damaged cord or plug.
- Do not block the air inlet or outlet during operation.

- Keep hands and foreign objects away from the air outlet during operation.
- 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 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.

3. PACKAGE CONTENTS

Verify that all components are present and undamaged upon unpacking. If any items are missing or damaged, contact your supplier immediately.

- JVD Expair Automatic Hand Dryer Unit
- Mounting Hardware (screws, wall anchors)
- Installation Template (if applicable)
- User Manual (this document)

4. SETUP AND INSTALLATION

The JVD Expair Hand Dryer is designed for wall-mounted installation. Professional installation by a qualified electrician is highly recommended to ensure proper wiring and adherence to safety standards.

4.1. Site Selection

- Choose a location with adequate space for hand drying and proper air circulation.
- Ensure the wall material can support the weight of the unit (7.8 kg).
- Consider accessibility for all users, including those with reduced mobility and children.
- Avoid installing directly above water sources or in areas with excessive humidity.

4.2. Mounting Instructions

1. **Disconnect Power:** Turn off the main power supply at the circuit breaker before beginning installation.
2. **Mark Drilling Points:** Use the provided installation template (if available) or measure and mark the drilling points on the wall according to the unit's mounting holes. Refer to the dimensions diagram below.
3. **Drill Holes:** Drill holes at the marked points using an appropriate drill bit for your wall type. Insert wall anchors if necessary.
4. **Secure Mounting Plate (if applicable):** If your model includes a separate mounting plate, secure it to the wall using the provided screws.
5. **Wire Connection:** Connect the electrical wiring to the hand dryer's terminal block. Ensure correct polarity (Live, Neutral, Earth) and secure all connections.
6. **Mount the Unit:** Carefully align the hand dryer with the mounting plate or wall holes and secure it firmly with the remaining screws.
7. **Restore Power:** Once the unit is securely mounted and all connections are checked, restore power at the circuit breaker.

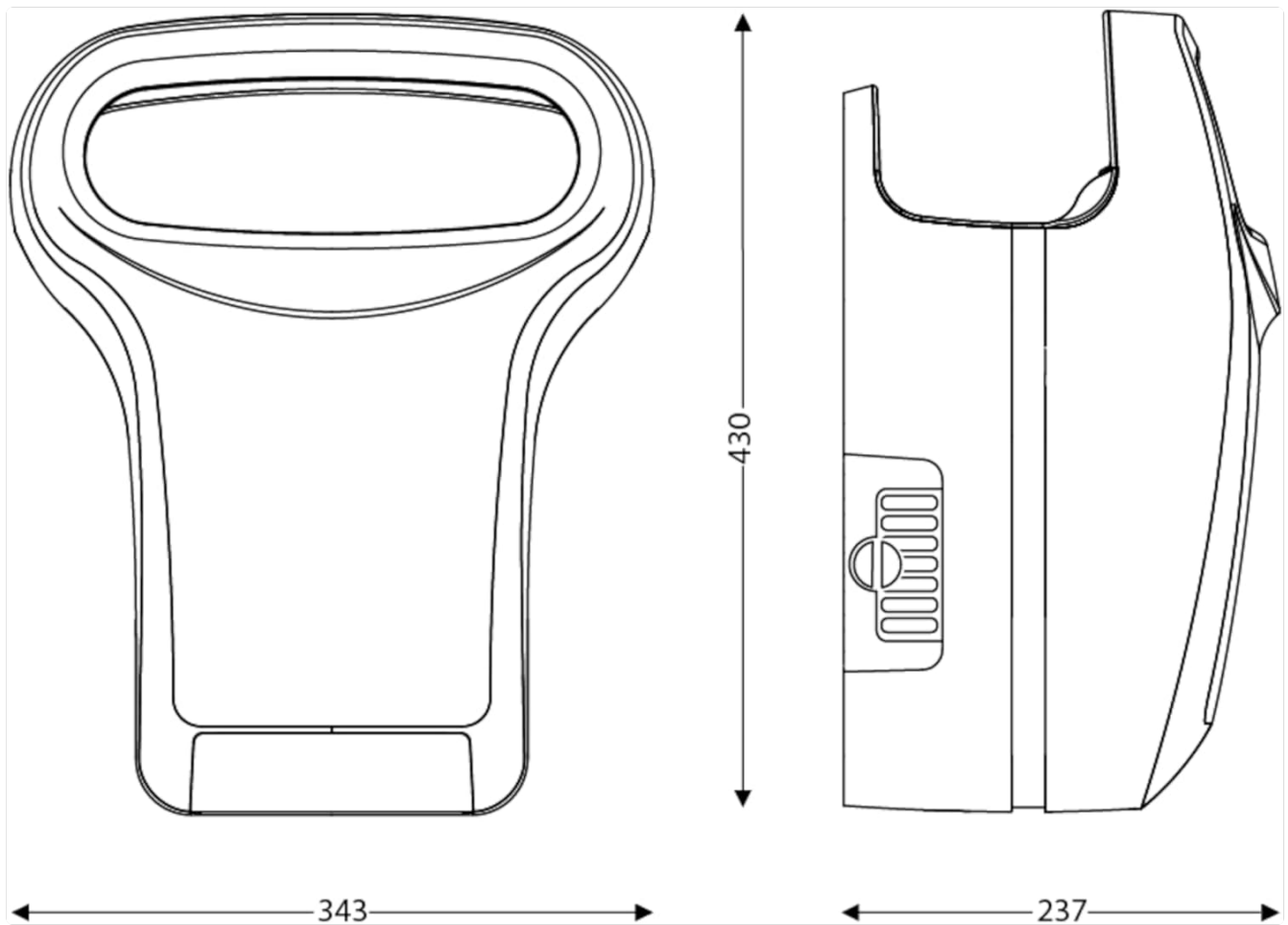


Figure 4.1: Technical drawing showing the dimensions of the JVD Expair Hand Dryer (dimensions in mm: 343 width, 430 height, 237 depth).

5. OPERATING INSTRUCTIONS

The JVD Expair Hand Dryer operates automatically using an infrared sensor.

1. **Activate:** Place your hands under the air outlet. The sensor will detect your hands and automatically activate the air flow. Blue lighting will illuminate during operation.
2. **Dry Hands:** Move your hands slowly back and forth within the drying zone to ensure even and efficient drying.
3. **Deactivate:** Remove your hands from the drying zone. The hand dryer will automatically stop after a few seconds.



Figure 5.1: The hand dryer showing the sensor area, indicated by hand symbols, where users should place their hands for activation.

6. MAINTENANCE

Regular maintenance ensures optimal performance and extends the lifespan of your hand dryer. Always disconnect power before performing any maintenance.

6.1. Cleaning

- **Exterior:** Wipe the exterior surface with a soft, damp cloth and a mild, non-abrasive cleaner. Do not use harsh chemicals, solvents, or abrasive pads.
- **Air Inlet/Outlet:** Periodically check and clean the air inlet and outlet grilles to remove any dust or debris that may accumulate. Use a soft brush or vacuum cleaner.

6.2. Filter Cleaning (if applicable)

Some models may include an air filter. Refer to the specific instructions for your model regarding filter access and cleaning frequency. Typically, filters should be cleaned or replaced every 3-6 months depending on usage.

7. TROUBLESHOOTING

If you encounter issues with your JVD Expair Hand Dryer, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Hand dryer does not activate.	No power supply; Sensor obstructed or dirty; Unit malfunction.	Check circuit breaker; Clean sensor lens; Contact qualified technician.
Air flow is weak.	Blocked air inlet/outlet; Dirty air filter (if applicable).	Clean grilles; Clean or replace air filter.
Hand dryer runs continuously.	Sensor malfunction; Obstruction in sensor path.	Clean sensor lens; Remove any obstructions; Contact qualified technician.
Unusual noise during operation.	Loose components; Motor issue.	Disconnect power and check for loose parts (if safe to do so); Contact qualified technician.

For issues not listed above or if solutions do not resolve the problem, please contact JVD customer support or a qualified service technician.

8. SPECIFICATIONS

Attribute	Value
Manufacturer	JVD
Model Number	340 (811822)
Product Dimensions (L x W x H)	34 x 23.4 x 43 cm
Weight	7.8 Kilograms
Color	Grey
Material	Metal
Power	1200 Watts
Drying Time	Less than 20 seconds
Batteries Required	No



Figure 8.1: The JVD Expair Hand Dryer seamlessly integrated into a modern public restroom environment.

9. WARRANTY AND SUPPORT

JVD products are manufactured to high quality standards and are covered by a manufacturer's warranty against defects in materials and workmanship. Please refer to your purchase documentation for specific warranty terms and duration.

9.1. Customer Support

For technical assistance, warranty claims, or spare parts inquiries, please contact your authorized JVD distributor or visit the official JVD website. When contacting support, please have your model number and purchase date available.

Note: Information regarding the availability of spare parts for this specific model is currently unavailable. Please contact JVD directly for the most up-to-date information.