



HDN165A

Automatic Hand Dryer

A high-speed, energy-efficient hand dryer designed for commercial and public washrooms. Engineered for durability, hygiene, and easy operation, it delivers reliable performance and user comfort.

User Manual

Product Introduction & Specifications



Touchless Operation

Automatically activates when hands are placed beneath the air outlet, enabling touch-free operation and improved hygiene.



Dual Air Modes

Switch easily between warm and cool air to suit different seasons, environments, and user preferences.



Hygienic & Efficient

Automatic shut-off helps reduce cross-contamination while supporting hygienic, efficient, and energy-saving operation.



Powerful & Quiet

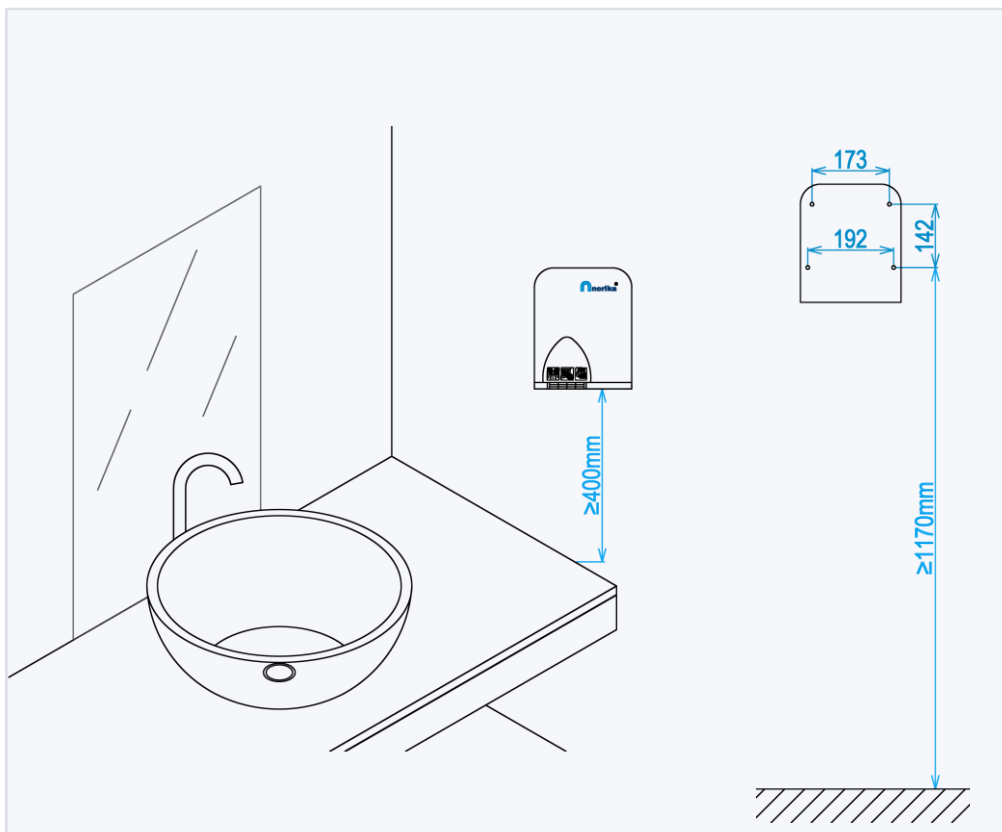
The 1650 W system delivers fast drying while maintaining a low operating noise level of less than 70 dB.

Technical Specifications

Specification	Value
Voltage Rating	AC 200~230 V
Power	1650 W
Motor Power	60 W
Heater Power	1580 W
Insulation Class	E
Noise	< 70 dB
Sensing Distance	50–200 mm
Motor Speed	2500 rpm
Wind Speed	> 11 m/s
Flow Rate	2 m ³ /min
Auto Shut-off Time	60 s

Application: Suitable for high-traffic commercial locations, including hotels, restaurants, and public washrooms, where durability and consistent performance are required.

Installation Dimensions



Reference Point (Floor)

1170 mm

Recommended mounting height above finished floor level.

Overall Height

142 mm

Vertical distance from the mounting base to the top edge.

Width at the Top

173 mm

Width across the upper section of the unit.

Width at Mounting Base

192 mm

Width across the mounting base of the unit.

Note: All dimensions are in millimetres (mm). Verify all measurements against the physical unit before installation.

Installation Instructions

01

Location Selection

Select a firm, dry wall that can support the unit's weight. Keep the unit clear of doorways and ensure the area beneath the air outlet is unobstructed for safe operation and proper airflow.

02

Drilling Holes

Use the supplied paper template to mark the four fixing points. Drill each hole to the specified depth, then insert the plastic wall plugs to provide secure anchorage for the mounting screws.

03

Mounting the Unit

Secure the metal mounting bracket with the supplied screws. Align the hand dryer with the bracket slots, slide it downward until locked, then tighten the lower security screw firmly.

04

Final Setup & Power

Fit the decorative front cover securely. Connect the power cord to a properly earthed AC 200–230 V supply. Check that all connections are secure before testing the unit.

Operating Instructions



01. Automatic Operation

After washing, place your hands beneath the air outlet. The sensor detects them and starts the airflow automatically for touch-free drying.



02. Faster Drying

Gently rub and rotate your hands under the airflow so that all surfaces dry evenly and efficiently.



03. Delay Shut-off

The unit continues operating for 1–3 seconds after hands are removed, helping to prevent frequent restarting and clear residual moisture.



04. Hot/Cold Switch

Use the side switch to select warm or cool air according to the season, environment, or user preference.

Safety Precautions



01. Water Protection

Install the unit in a dry, well-ventilated area. Keep it away from direct water spray to reduce the risk of electric shock and internal damage.



02. Qualified Personnel Only

Installation, servicing, and repairs must be carried out by qualified personnel in accordance with applicable electrical requirements.



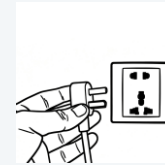
03. Power Cord Care

Do not replace a damaged power cord yourself. Contact an authorised service provider for replacement or repair.



04. Supervision Required

Children and persons with reduced physical, sensory, or mental capabilities must be supervised and instructed in safe use.



05. Power Isolation

Disconnect the unit from the power supply if it will not be used for an extended period.



Caution

Install this hand dryer as a surface-mounted unit only. Do not recess or conceal it within the wall.