

energy efficient
system

Technical parameters

Cabinet

Robust shockproof design (IK10) in white with easy access to the water tank. Elegant and practical design. At the bottom of the cabinet there is an air intake filter, at the top a large LCD display with process and drying time indication.

Engine

is AC, processor-controlled and completely carbon-free, allowing savings of up to 90% compared to standard dryers.

Staples

is accessible by removing the cover, connecting it under the plaster or with a cable on the plaster. Voltage 230 V / 50 Hz. Protection IP22.

Noise

emitted by the fan is measured at a distance of 1.5 m in the free acoustic field is given in the table.

Mounting

using the support bracket (included) on a wall with sufficient load capacity (13-14 kg) with a safety margin. We recommend adjusting the installation height according to whether it will be used by men or women. For the recommended positioning of the dryer, see the relevant illustration on this page. The dryer can be connected to the sewage system.

Instructions

Fast, hygienic and energy-efficient, the ECOHAND-N hand dryer uses a powerful high-speed stream of clean air to remove droplets from hands (within 12 s). The innovative design prevents water droplets from falling to the floor, ensuring higher hygiene standards. The efficient and stable operation of the ECOHAND-N hand dryer generates less waste as it does not require the use of carbon particles. It saves up to 90% energy compared to traditional hand dryers. Hand drying is controlled by an automatic infrared sensor that automatically starts and stops the hand dryer as needed.

Additional illustrations

How does everything work?



1. Put your hands in slot. If you do not place your hands deep enough, the LCD display will indicate insufficient placement and you must place your hands lower.



2. A fan icon will appear on the LCD display and the unit will begin to dry your hands. The timer counts from 0 to 12 seconds. The airflow will dry the water from your hands.



3. Slowly remove your hands from the slot and the device will automatically stop.

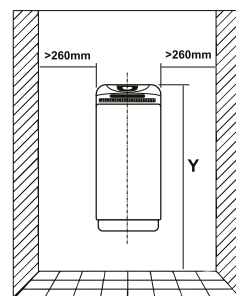
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Energy consumption

Energy savings compared to a traditional system

Number of Usage per day	ECOHAND-N hand dryer annual energy consumption [kWh]	traditional hand dryer annual energy consumption [kWh]	annual savings energy [kWh]	savings energy after 5 years of operation [kWh]
500	438	2044	1606	8030
1 000	840	4052	3212	16060
1500	1278	6096	4818	24090
2000	1716	8103	6387	31935

Note: The ECOHAND-N hand dryer was tested at 700 W, with an average drying time of 12 s in each case. A traditional 2000 W hand dryer needs an average of 20 s drying time for each use.



recommended location of the dryer

	height Y
men	900 mm
women	850 mm

Type	performance [W]	voltage [V]	current [A]	flow [m³/h]	air velocity [m/s]	sound pressure [dB(A)]	color	weight [kg]
ECOHAND-N	700	220-240	3.5	175	100	80	white	11