

DATA SHEET

iQ hand dryer

The **iQ** Hand Dryer operates with a world wide patented system becoming the most exclusive and innovative Hand Dryer in the world.

This innovative hand dryer removes all the water from your hands quickly thanks to a high speed jet stream of up to 200 Km/h. This novel system allows **iQ** to dry your hands in just 10-15 seconds.

The **iQ** Hand Dryer's air jets dry hands faster than conventional warm air dryers and without any mess because the water is collected by a drain tank inside the dryer so it will not leak out. And unlike paper towels or cloth towel dispensers, the hands make no contact with any part of the unit. Therefore it is hygienic and waste-free. Additionally there is no need to refill or to service any dispensers, so it requires less maintenance.

The Zero Smell Feature allows the **iQ** Hand Dryer to neutralize bad scents thanks to a unique technology that gets rid of malodorous smells, maintaining a fresher environment. This is a very exclusive novelty that only **iQ** can offer.

Comfortable and easy to use

- 1. Put your wet hands vertically into the top opening of the Veltia hand dryer.**
- 2. Strategically located sensors detect your hands and activate the air jets to quickly and effectively dry your hands until you remove them from the unit.**
- 3. If you leave your hands inside the unit for a long time, the dryer will stop after 25 seconds.**

iQ is an innovative hand dryer that operates without heating element. Operates automatically when putting your hands in the drying chamber and works based on high speed air allowing to dry hands in a very short time leaving on the skin a nice feeling of a massage.

Besides a great effectiveness, **iQ** includes a bad scents elimination system thanks to **ZEROSMELL®**. Every time the Hand Dryer is used, it flushes into the air the ZeroSmell Active Principles. These are molecules that react with the foul-smelling compounds. The reaction yields molecules that have no smell. Like this, besides drying your hands, the Hand Dryer improves the atmosphere of the Washroom.

Microban® is a guarantee of continuous, effective and lasting antibacterial protection. Microban® antibacterial protection technology is built in **iQ** during manufacturing. The **iQ** is doubly hygienic to use and the protection cannot wear away. Microban® antibacterial protection, as an integrated part of our product development is intended as a hygienic addition to normal cleaning practices, not a substitute. **iQ** is tested with **UL** as it provides the most extensive and thorough tests available. There are quicker, less expensive, less trusted alternatives to UL, but why would you skimp on something this important.

The UL Mark is one of the most recognized, accepted and trusted symbols in the world. It says something about the products you may purchase; it's your one assurance that steps have been taken in the interest of safety.

The UL Mark stands for Underwriters Laboratories Inc. (UL), a not-for-profit, non-governmental organization that was formed in 1894 to help reduce injury, loss of life and property damage. Behind the UL Mark is a staff of more than 5,000 engineers, scientists, chemists, technicians, field representatives and support staff - a team dedicated to working for a safer world. Manufacturers submit products to UL for testing and safety certification on a voluntary basis. But most manufacturers are concerned with the safety of their products and they know safety-conscious and concerned consumers look for the UL Mark on products they buy. Use of UL is not required by law. However, in the U.S. there are many municipalities that have laws, codes or regulations which require a product to be tested by a nationally recognized testing laboratory before it can be sold in their area. UL is the largest and oldest nationally recognized testing laboratory in the United States.

Placement of accessories should allow easy usage by people with limited range of motion. The needs of a person seated in a wheel chair should be used as a guide to the accommodation of a person using crutches, cane or a walker. If possible locate the dryer in an area adjacent to a barrier-free lavatory.

Height recommendation for hand dryers is 38"- 48" with operable parts at 40" off finished floor. Sufficient space for front or side access (30"x 48") should be provided.

The **iQ** dryer has been designed to allow for suitable toe and knee clearance for the wheelchair user. As the dryer dries both sides of the hand at the same time, does not require the user to move hands up and down or require the rubbing of hands together for quick drying it is very suitable for use by the disabled. **iQ** Dryer: Mount top of dryer at 42" for ADA. This puts the sensor at 40".

Local and state codes may apply, please check with local building department prior to installation.

Housing case and water tank made of High impact 2.6mm thick ABS with antibacterial protection in drying area

All plastic pieces are properly prepared for recycling

Internal parts are contained by fire retardant plastic rated 5VA according to directive UL94

iQ complies with ROHS directive

CERTIFICATIONS

Europeans Directives:

Other Certifications

D89/336/CEE y D92/31/CEE;

D73/23/CEE y D93/68/CEE;

D98/37/CEE;

D92/59/CEE y D2001/95/CEE

Other Certifications:

ANCE NOM, SABS, UL

Product information subject to changes without further notice.

MODEL:	240V	120V
Voltage	220/230/240V~	110/120V~
Frequency	50/60 Hz	50/60 Hz
Power consumption	1.760 W	1.749 W
Current (Running)	8.0A @ 230Vac	15.9A @ 120Vac
Electrical Isolation	Class II*	Class II*
Air Speed	200 Km/h (125 Mph)	200 Km/h (125 Mph)
Drying Time	10-15 s	10-15 s
Dimensions	300 x 195 x 617 (mm) 11.81x7.67x24.29 (inch)	300 x 195 x 617 (mm) 11.81x7.67x24.29(inch)
Weight	9.55 Kg (21.1 Lb)	9.55 Kg (21.1 Lb)
IP Code	IP33	IP33
Noise (@ 2 mt)	70 dB	70 dB
Number of Motors	2	2
Motors Speed	30.000 rpm	30.000 rpm
Motors Driving System	Soft Starting	Soft Starting
Hands Detection System	IR – Barrier	IR – Barrier

Compared to the **iQ** Hand Dryer, other hand-drying methods in public facilities have several drawbacks.

Disadvantages of conventional hand-drying methods

1. Paper towel dispenser

- . Wastes the natural resources
- . Fills up waste receptacle
- . Causes problems with Waste disposal
- . Maintenance cost (paper cost)
- . It is a potential fire hazard

2. Cloth towel dispenser

- . It is unsanitary except for first use
- . Sometimes it is difficult to use
- . Often not replaced properly after use
- . High Maintenance cost
- . Troublesome to mantain, replace

3. Warm-air dryers

- . Time-consuming. Take a long time to operate
- . Hands do not get completely dry
- . Noisy
- . Water drips onto floor causing a mess
- . High electrical consumption

iQ Hand Dryer is a better solution

1. Fast drying

Dries both sides of both hands in 10-15 seconds.

2. High performance

The more it is used, the greater the savings.

3. Eliminates Bad Scents

Providing a fresher and cleaner environment

4. Easy maintenance - Waste Free

No towels to replace, no paper towel refills.

5. Outstanding sanitary design

Completely contact-free, dries with 100% clean air.

6. Ecologic

iQ Hand Dryer reduces dependence of natural resources and in comparison with other electrical hand dryers it saves power consumption

The **iQ** Hand Dryer is finding a wide use in offices, food processing plants, restaurants, hotels, airports, nightclubs, supermarkets, and many other facilities where a high level of sanitation is critical. It's cost-effective and environmentally friendly design offers users with a number of different advantages.

1. Convenient

By using jet air current to remove water from the hands, the **iQ** Hand Dryer eliminates the need to wipe hands at all. Its fast action leaves hands thoroughly dry in just 10-15 seconds, without any hand movement.

2. Hygienic

Since there's absolutely no contact with hands, the **iQ** Hand Dryer use is sanitary and because no paper waste is generated it offers the added benefit of keeping the washroom environment cleaner and tidier.

For restricted areas such as sanitary sector, food and pharmaceutical industries, the **iQ** Hand Dryers counts on a Sanitary Protocol that assures a safe operation for highly controlled environments, where traditional hand dryers are not allowed.

3. Zero Smell - GEL

iQ Hand Dryers include an innovative system that neutralize bad smells. This system is biodegradable, non toxic and very easy to maintain. The **iQ** is not only a highly efficient and ecological friendly hand dryer with an elegant design but also provides a cleaner and fresher environment.

4. Economical

Once up and running, the only cost factor is electric power. This makes the **iQ** Hand Dryer comparatively cheaper than paper towel dispensers or cloth towel racks.

5. Simple maintenance

Water from hands is collected in the unit's drain tank so the floor stays dry. Besides with no more towel dispensers requiring refills or replacements there is no more paper waste to pile up. The unit is designed for easy of maintenance.

6. Environmentally-friendly

Because paper waste is completely eliminated, the **iQ** Hand Dryer reduces dependence of natural resources and compared to other hand dryers saves electrical consumption.