

FogScreen Product Range Information

The world premiere demonstration of FogScreen Inia was in October 2002 at the Turku Science Fair in Turku, Finland. Volume production of FogScreens started in late 2004. The interactivity add-on was presented in June 2005, and the 1 meter FogScreen, FogScreen One, was launched in May 2006.

All the important principles of FogScreen technology are patented. The basic components of the screen are a laminar, non-turbulent airflow, and a fog screen that is an internal part of the laminar airflow and remains thus thin, crisp, and protected from turbulence. The fog is made within the device by using ultrasonic waves and ordinary tap water with no chemicals whatsoever. If you hold your hands in the fog flow, the fog feels dry and cool, and your hands do not get wet.

After the screen is formed, images can be projected onto it. The screen can be translucent or fully opaque. The FogScreen works very much like any ordinary screen in terms of projection: The image is spectacular in normal daylight, but the darker the room, the better the result. For the best result, a dark background is highly recommended. A projector with at least 4000 ANSI Lumen is recommended. Distance between the projector and screen should be a minimum of 2 meters.

FogScreen is a stand-alone product that can be integrated into any type of environment or product application such as entertainment venues like casinos and clubs, malls and motor showrooms, fairs and convention centers, theme parks, science centers, museums, theatre, TV, fashion shows, and corporate venues. Only your imagination sets the limits!

The FogScreen has been featured extensively in international scientific, financial and cultural media including CNN, Reuters, Lightning & Sound, Wired Magazine, Herald Tribune, Discovery Channel, New Scientist and NBC.

FogScreen Inia:

- FogScreen Inia creates a screen that is 2 meters (79") wide and 1,5 meters (59") high
- The dimensions of the unit are: height 65 cm (25,6"), depth 90 cm (35,4") and width 2,31 m (91"). The unit weights approximately 150 kg
- The screen requires either water mains connection (long term use) or a water reservoir (short term use)
- 1-phase 10A/230V or 20A/115V electricity
- Tariff code: 8424 30 90 00

FogScreen One:

- FogScreen One creates a screen that is 1 meter (39") wide and 1,5 meters (59") high.
- The dimensions of the unit are: height 64 cm (25,2"), depth 75,5 cm (30") and width 1,09 m (43"). These measurements are without end fans. The fan caps will make the device 2,6 cm longer. The weight of the device with the end caps is approximately 60 kg.
- The screen requires either water mains connection (long-term use) or a water reservoir (short-term use)
- 1-phase 10A/230V or 20A/115V electricity
- Tariff code: 8424 30 90 00

FogScreen One is a seamlessly linkable screen. The screen size starts from 1 meter, but the width of the set up is scalable by joining several One units together. The result is a seamless FogScreen of any width, unlimitedly.



Interactivity:

- Write and draw in the air
- Operate your computer by just touching the air
- create interactive kiosks

The interactivity add-on of FogScreen makes it possible to write and draw in the air with your hand by using your finger as a pointer. The interactive FogScreen uses a laser tracker to track hand movements - the hand becomes a mouse! This turns the passive projection screen into an immaterial touch screen, and extends greatly its application possibilities.

The interactivity set includes our proprietary software enabling the creation of fiery characters or fireworks. It is also possible to design special customized interactive software. With the interactivity add-on it is possible to create multimedia shows that users can control by touching images in the air!

