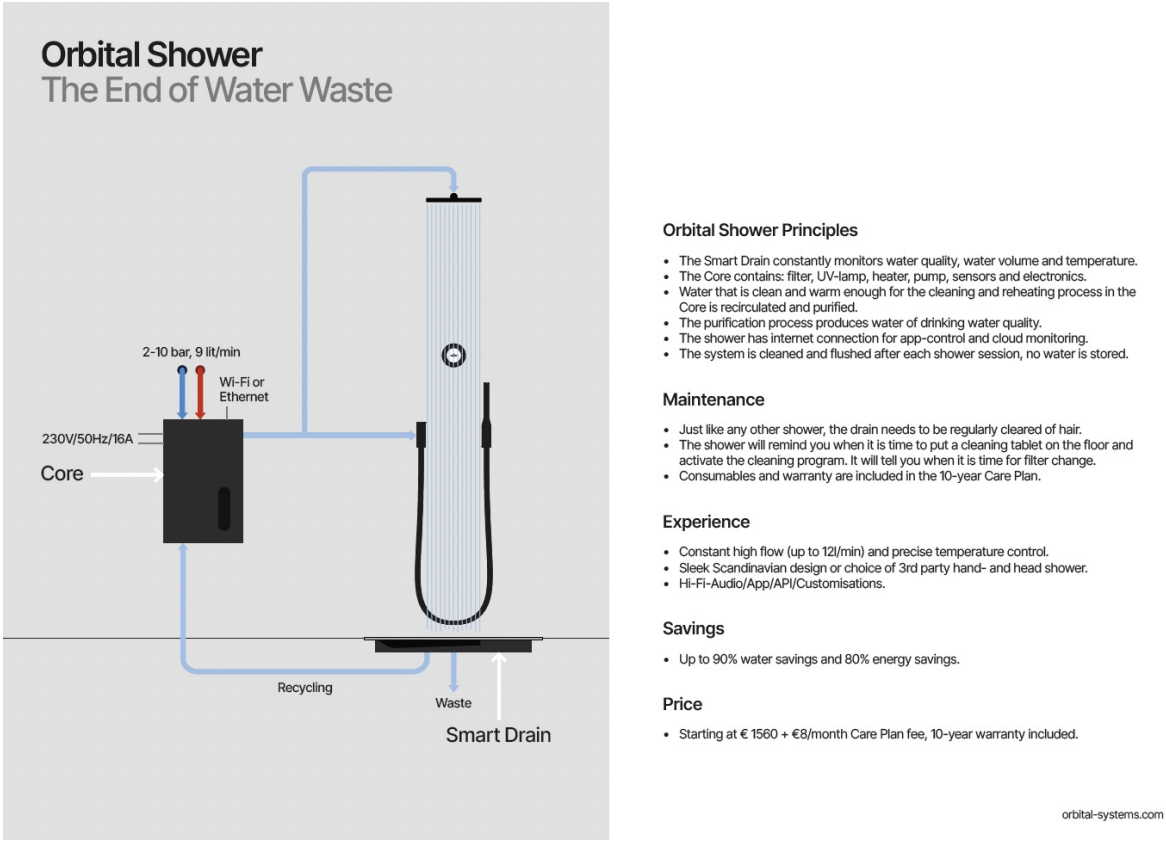
Product factsheet

Orbital Shower

Hardware product or technological device



Description

Orbital Shower is a recirculating shower that reimagines water use on Earth, combining advanced technology with elegant design for a perfect balance of superior comfort and sustainability. It sets a new standard in water consumption and energy efficiency without a change in user behaviour.

At its heart is an intelligent water management system. By recirculating water, precisely controlling flow, and maintaining the ideal temperature, Orbital Shower minimizes waste. Enjoy long showers while only using about 20 liters of water—making a real difference in conserving our planet's resources.

The Control Dial, along with the integration of Orbital's My Water app, lets you personalize your shower settings exactly to your liking and keep track of your water and energy savings.

Target audience

Hotels, homeowners, public housing

Technical requirements

General

The Orbital Shower is designed for both residential and commercial use in fixed environments. It is not compatible with mobile installations. The shower system must be installed in a stable location with a reliable connection to electricity, as it needs to remain powered at all times, even when not in use. To ensure reliable operation and prevent freezing, the system should not be installed in environments where the temperature may drop below 4°C.

Water/Electrical

- Incoming Cold Water Temperature: 4-25°C
- Incoming Hot Water Temperature: 50-65°C
- Maximum Working Pressure Tap Water: PN10
- Incoming Water Pressure: 2-10 bar *
- Water Supply Flow: 9 liters/minute per inlet hot & cold **
- Water Hardness: 3°dH-14°dH , or 53-250mg $CaCO_3$/liters
- Water Iron Content: <0.3 mg/liter
- Residual Circuit Breaker: One breaker per Shower Core
- Power Supply: One Phase, 230VAC / 50-60 Hz / 16A *
- Mains Supply Wire: Minimum 2.5 mm^2 (rated for 16 A circuit)

URL

http://www.orbital-systems.com

Technologies applied by the product

- **Energy Consumption Optimization**
- **UV/Ozone**
- **Wastewater treatment technologies for water reuse**
- **Water Reuse and Recycling**

Costs

Starting at €1560
Last update: 2025-01-27

Orbital Shower

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Related tags

energy recycling water efficiency